Welcome to Minneapolis!

SCUP–45 Conference Program

SCUP’s 45th Annual, International Conference and Idea Marketplace

Integrated Leadership for a New Reality

Minneapolis, MN (USA) | July 10–14, 2010
We Have Laboratory Planning Down to a Science.
Integrated Leadership for a New Reality is the theme of SCUP’s 45th annual, international conference and idea marketplace—an event where great minds come together to share best practices in integrated planning. In these challenging times, higher education leaders need to draw upon the best thinking of different sectors of our society in planning for the future. Only SCUP offers the depth and breadth of planning topics focused exclusively on higher education.

No one understands the challenges better than your planning colleagues around the globe who are experiencing the impact of major economic, political, social, and demographic forces on higher education. During this conference, you’ll join a unique community of planners who will help you to find solutions and ideas that you can take back to campus and implement immediately.

We’re excited to be here in Minneapolis, or “City of Lakes.” Travel + Leisure magazine calls it “a city so hot it’s cool.” It’s a city known for its theatres, art scene, jazz and rock clubs, and, of course, terrific restaurants. Don’t miss the “starchitect”-design buildings that earned Minneapolis the title of “Design City,” including the Walker Art Center, the Children’s Theatre Company, the Minneapolis Public Library, the Minneapolis Institute of Arts, and the Guthrie Theatre.

As chair of our local host committee, Krisan Osterby deserves special praise. Think of our outstanding local hosts as you explore and enjoy the greater Minneapolis-St. Paul area.

We extend our thanks to the many teams who have contributed to the development of this program, including the members of SCUP’s conference planning committee, the Professional Development Committee, and session reviewers from SCUP’s four Planning Academies.

Special thanks also go to our supporting sponsors and exhibitors in the Idea Marketplace who add significantly to our conference by bringing their expertise, advice, and planning solutions to us.

If any of us—the conference committee members, the local hosts, the board of directors, or SCUP staff—can assist you in any way, please let us know. We look forward to meeting you at the Minneapolis Convention Center.

Marie E. Zeglen
Chair, SCUP–45 Conference Planning Committee
## Conference Schedule at-a-Glance

### Friday
- **3:00 PM-5:00 PM** Conference Registration
  - Registration Area

### Saturday
- **7:00 AM-5:00 PM** Speaker Practice Room
  - Room 210 B
- **8:00 AM-5:00 PM** Optional Tours (see p.9-10)
  - Depart from the Hilton Hotel
- **8:30 AM-9:30 AM** Optional Workshops (see p.9-10)
  - Hilton Hotel (See Descriptions for Room Assignments)
- **Noon-5:00 PM** Internet Café Open
  - Idea Marketplace
- **3:00 PM-5:00 PM** Speaker Presentation Upload Room
  - Idea Marketplace, near the Internet Café
- **5:00 PM-7:00 PM** SCUP Connection Reception
  - Hilton Hotel

### Sunday
- **7:00 AM-5:00 PM** Speaker Presentation Upload Room
  - Idea Marketplace, near the Internet Café
- **7:00 AM-6:00 PM** Conference Registration
  - Registration Area
- **7:00 AM-6:00 PM** Speaker Practice Room
  - Room 210 B
- **8:00 AM-1:00 PM** Optional Workshops (see p.9-10)
  - Hilton Hotel (See Descriptions for Room Assignments)
- **8:00 AM-2:30 PM** Optional Tours (see p.10)
  - Depart from the Hilton Hotel
- **9:00 AM-5:00 PM** Internet Café Open
  - Idea Marketplace
- **Noon-5:00 PM** Bookstore Open
  - Idea Marketplace
- **2:30 PM-5:00 PM** Idea Marketplace Open
  - Idea Marketplace
- **3:00 PM-4:00 PM** New Members Welcome & Orientation
  - Room 102 DE
- **3:30 PM-5:00 PM** Reception
  - Idea Marketplace
- **5:30 PM-7:00 PM** Opening Plenary Session (see p.11)
  - Ballroom A
- **7:00 PM-8:30 PM** President’s Reception
  - Minneapolis Convention Center

### Monday
- **7:00 AM-8:15 AM** Continental Breakfast
  - Idea Marketplace
- **7:00 AM-5:00 PM** Conference Registration
  - Registration Area
- **7:00 AM-5:00 PM** Speaker Presentation Upload Room
  - Idea Marketplace, near the Internet Café
- **7:00 AM-6:00 PM** Bookstore Open
  - Idea Marketplace
- **7:00 AM-6:00 PM** Idea Marketplace Open
  - Idea Marketplace
- **7:00 AM-6:00 PM** Internet Café Open
  - Idea Marketplace
- **8:30 AM-9:45 AM** Plenary Session (see p.12)
  - Ballroom A
- **7:00 AM-6:00 PM** Speaker Practice Room
  - Room 210 B
- **10:00 AM-11:15 AM** Concurrent Sessions (see p.12-15)
  - See Descriptions for Room Assignments
- **11:15 AM-12:00 PM** SCUP Roundtables
  - See Descriptions for Room Assignments
- **11:30 AM-1:00 PM** Lunch
  - Idea Marketplace
- **1:15 PM-1:45 PM** Express Sessions (see p.15-16)
  - See Descriptions for Room Assignments
- **2:00 PM-3:00 PM** Concurrent Sessions (see p.16-18)
  - See Descriptions for Room Assignments
- **3:15 PM-4:45 PM** Concurrent Sessions (see p.18-20)
  - See Descriptions for Room Assignments
- **4:45 PM-6:00 PM** Wine and Cheese Reception
  - Idea Marketplace
- **6:15 PM-7:45 PM** Optional Tours (see p.21)
  - Depart from the Hilton Hotel

### Tuesday
- **7:00 AM-8:15 AM** Continental Breakfast
  - Idea Marketplace
- **7:00 AM-1:00 PM** Idea Marketplace Open
  - Idea Marketplace
- **7:00 AM-5:00 PM** Bookstore Open
  - Idea Marketplace
- **7:00 AM-5:00 PM** Conference Registration
  - Registration Area
- **7:00 AM-5:00 PM** Internet Café Open
  - Idea Marketplace
- **7:00 AM-5:00 PM** Speaker Presentation Upload Room
  - Idea Marketplace, near the Internet Café
- **7:00 AM-6:00 PM** Speaker Practice Room
  - Room 210 B
- **8:30 AM-10:00 AM** Concurrent Sessions (see p.22-24)
  - See Descriptions for Room Assignments
- **10:00 AM-10:30 AM** Refreshment Break
  - Idea Marketplace
- **10:30 AM-11:30 AM** Concurrent Sessions (see p.24-27)
  - See Descriptions for Room Assignments
- **11:30 AM-12:45 PM** Lunch
  - Idea Marketplace
- **1:00 PM** Idea Marketplace Teardown
  - Idea Marketplace
- **1:00 PM-2:00 PM** Concurrent Sessions (see p.27-29)
  - See Descriptions for Room Assignments
- **2:15 PM-3:15 PM** Concurrent Sessions (see p.29-31)
  - See Descriptions for Room Assignments
- **3:30 PM-4:30 PM** Regional Meetings (see p.31)
  - See Descriptions for Room Assignments
- **5:00 PM-6:30 PM** Optional Tours (see p.32)
  - See Descriptions for Room Assignments

### Wednesday
- **7:00 AM-11:00 AM** Bookstore Open
  - Idea Marketplace
- **7:00 AM-11:00 AM** Internet Café Open
  - Idea Marketplace
- **7:00 AM-11:00 AM** Conference Registration
  - Registration Area
- **7:00 AM-8:15 AM** Continental Breakfast and Roundtables (see p.33)
  - Idea Marketplace
- **8:30 AM-9:30 AM** Concurrent Sessions (see p.33-34)
  - See Descriptions for Room Assignments
- **9:45 AM-10:45 AM** Concurrent Sessions (see p.34-35)
  - See Descriptions for Room Assignments
- **11:00 AM-12:15 PM** Closing Plenary Session (see p.35-36)
  - Ballroom A
- **1:00 PM-5:00 PM** Optional Tours (see p.36)
  - Depart from the Hilton Hotel
**GENERAL INFORMATION**

**A**

**AIA Credits** see Continuing Education Credits

**B**

**Badge Identification**

Each person who registers for SCUP–45 receives a name badge that corresponds to his or her SCUP registration type. Please wear your name badge at all times to gain admission to educational sessions, Idea Marketplace, meals, and events included in your registration.

**Bookstore**

Provided by *BreakPoint Books & More.*

Come browse the bookstore located in the Idea Marketplace. You will find books authored by speakers at our conference, books published by SCUP, and other books on topics such as academic planning, facility planning, space planning, architecture, sustainability, financial and strategic planning, and more!

**Bookstore Hours:**

- Sunday, July 11: Noon–5:00 PM
- Monday, July 12: 7:00 AM–6:00 PM
- Tuesday, July 13: 7:00 AM–5:00 PM
- Wednesday, July 14: 7:00 AM–11:00 AM

**Business Center**

The Hilton Minneapolis Hotel business center offers a complete range of services including computer rental, copy and fax machines, shipping and mail services. The business center is open 24 hours (self-service, credit card only) and is accessible with your room key. Full service hours are 7:30 AM–4:30 PM, M–F. The business center is located in the lobby next to the bell stand.

Minneapolis Convention Center: A FedEx Office is located on the ground floor outside of Auditorium Room 1.

Hours are M–F 8:00 AM–5:00 PM / S–S 8:00 AM–4:00 PM. 

ph: 612.339.0616, email: usa1310@fedex.com

**C**

**Campus Tours/Optional Activities**

If you preregistered for tours or other events, your tickets are included in your registration packet. Consult the SCUP staff at the registration desk about availability to purchase additional event tickets. The departure location for most tours is the 11th street entrance at the Hilton hotel (to the left of the bell stand), but please refer to your ticket. Please arrive for your tour 15 minutes prior to departure time.

**Continuing Education Credits**

**American Institute of Architects (AIA)**

SCUP is a registered provider of continuing education units from The American Institute of Architects (AIA). If you are eligible to earn continuing education units from AIA, please request an AIA report form at the registration desk. You are responsible for identifying the sessions you have attended and returning the form to the registration desk by Wednesday, July 14, at 10:00 AM. SCUP will submit completed session forms to AIA for you. Sessions that award Health, Safety, and Welfare (HSW) credits and Sustainable Design (SD) credits will be indicated on the form.

**Architects Continuing Education (Canadian)**

Sessions during the conference may meet continuing education guidelines for Canadian architects as “self-directed activities.” The standard used to report continuing education activities—both the terminology and amount required per year or cycle—vary from province to province, so please refer to the rules for the province where you work.

**American Institute of Certified Planners (AICP)**

SCUP is a provider of AICP Certification Maintenance (CM) credits for SCUP–45. AICP members can earn CM credits for many conference activities. More information about AICP’s CM program can be found at www.planning.org/cm.

**National Association of State Boards of Accountancy (NASBA)**

SCUP is registered with the National Association of State Boards of Accountancy (NASBA) as a sponsor of continuing professional development education (CPE) on the National Registry of CPE Sponsors. State boards of accountancy have final authority on the acceptance of individual courses for CPE credit. Complaints regarding registered sponsors may be addressed to the National Registry of CPE Sponsors, 150 Fourth Avenue North, Suite 700, Nashville, TN 37219-2417. Web site: www.nasba.org.

Continuing Education Information for CPAs: There is no prerequisite knowledge or advance preparation required to attend these educational sessions. The program level is basic. The maximum number of CPEs possible for preconference workshops is 10. The maximum number of CPEs possible for concurrent sessions is also 10. All sessions are Group-Live.

**Questions**

For more information regarding administrative policies connected with continuing education, please contact the SCUP office at 734.764.2008.

**D**

**Dine Around**

Here’s an opportunity for you to informally meet and relax with fellow conference attendees—and enjoy a good meal! SCUP has made dinner reservations at a variety of restaurants on Monday and Tuesday. Participants are responsible for their own transportation to and from the restaurant and for purchasing their own food and beverages during the evening. For more information, visit the SCUP–45 local host booth located in the registration area beginning on Sunday, July 11.

**E**

**Event Tickets**

Tickets are required for all optional tours and events. Please wear your name badge at these events. You may also use the message board (located near the registration desk) to trade or exchange tickets.

**Expo** see Idea Marketplace

**F**

**First Aid**

A first aid office is located by Room 101 E.
Herman Miller Room
Rooms 101 G and F at the convention center are set up as an interactive learning space, utilizing furniture and fixtures provided courtesy of Herman Miller.

Hospitality/Local Host
Learn about Minneapolis and next year’s conference city at the local host desks located near registration. Visit the SCUP–46 booth to plan your trip to National Harbor, MD, in 2011!

Local Host Hours:
Sunday, July 11  Noon–5:30 PM
Monday, July 12  11:00 AM–6:00 PM
Tuesday, July 13  11:00 AM–5:00 PM
Wednesday, July 14  7:00 AM–11:00 AM

Hospital
The nearest hospital is the Hennepin Medical Center located at 701 Park Avenue (less than one mile from the convention center and hotels). Phone 612.873.3000.

Idea Marketplace
Please visit our Idea Marketplace (convention center hall D), an interactive opportunity for idea and information exchange, knowledge sharing, and learning. It offers you an opportunity to learn about products, services, and ideas that you can use every day on your campus. Be sure to enter the raffle to win a bottle of wine during the Wine and Cheese Reception on Monday between 4:45 PM and 6:00 PM.

Idea Marketplace Schedule:
Saturday, July 10  8:00 AM–5:00 PM  Exhibitors set up Booths
Sunday, July 11  8:00 AM–NOON  Exhibitors Finish Setup
2:30 PM–5:00 PM  Idea Marketplace Open
Monday, July 12  7:00 AM–6:00 PM  Idea Marketplace Open
7:00 AM–8:15 AM  Continental Breakfast
11:30 AM–1:00 PM  Lunch in the Idea Marketplace
4:45 PM–6:00 PM  Wine & Cheese Reception
Tuesday, July 13  7:00 AM–1:00 PM  Idea Marketplace Open
7:00 AM–8:15 AM  Continental Breakfast
10:00 AM–10:30 AM  Refreshment Break
11:30 AM–12:45 PM  Lunch in the Idea Marketplace
1:00 PM  Idea Marketplace Closed, Teardown Begins

Internet Café
Located in the Idea Marketplace, the Internet Café is available for attendees to retrieve and send email messages. Furniture and design provided by Herman Miller.

Internet Café Schedule:
Saturday, July 10  Noon–5:00 PM
Sunday, July 11  9:00 AM–5:00 PM
Monday, July 12  7:00 AM–6:00 PM
Tuesday, July 13  7:00 AM–5:00 PM
Wednesday, July 14  7:00 AM–11:00 AM

Lost and Found
Items found in meeting or reception rooms, or on buses, will be taken to the registration desk.

Local Host see Hospitality/Local Host

Maps
A map of the convention center may be found on page 64. A map of the Idea Marketplace may be found on page 43.

Media
We welcome print and broadcast journalists. Television camera crews must be accompanied by a SCUP representative. All attempts will be made to minimize disruption.

Meet the SCUP Executive Committee
SCUP members and conference attendees are invited to meet the SCUP Executive Committee. Learn about board initiatives such as a potential dues restructuring. Or, ask a question or voice a concern. This is your opportunity to provide feedback to leadership.
Join us Monday, July 12, 11:15 AM–NOON, Room 101 E in the convention center.

Message Board/Job Postings
The message board is located near registration and is the place for you to leave or retrieve messages for other attendees at the conference. Outside messages received will be taken to the message board.

New Members Welcome and Orientation
Get the “scoop” on SCUP! This one-hour orientation will focus on how to get the most out of a SCUP membership. Meet the members of the SCUP Membership Committee. While the event is oriented to what new members need to know, multi-year members and prospective members are welcome to attend.
Join us Sunday, July 11, 3:00 PM–4:00 PM, Room 102 DE in the convention center.

Photography
No photos may be taken by conference attendees, exhibitors, or sponsors during workshops, concurrent sessions, and plenary speeches without prior permission from SCUP. Photos may be taken during social events. Some tours may limit the taking of photographs. During the conference, a professional photographer and SCUP staff will be taking photos of events to be used later for archival and promotional purposes. If you do not wish to be photographed, please notify the registration desk in advance or notify the photographer that you decline to be photographed.
Registration Times
The SCUP–45 registration desk will be open at the following times:
Friday, July 9 3:00 PM–5:00 PM
Saturday, July 10 7:00 AM–5:00 PM
Sunday, July 11 7:00 AM–6:00 PM
Monday, July 12 7:00 AM–5:00 PM
Tuesday, July 13 7:00 AM–5:00 PM
Wednesday, July 14 7:00 AM–11:00 AM

Roundtables see SCUP Roundtables

SCUP Roundtables
Monday roundtable sessions, from 11:15 AM–NOON, will gather best practices and solutions for managing the economic downturn. These ideas will be published electronically. The Wednesday roundtables, from 7:00 AM–8:15 AM, are on a variety of topics of interest to conference attendees. See pages 15 (Monday) and 33 (Wednesday) for details.

Speaker Practice Room
The speaker practice room is available for conference presenters to aid in their audiovisual preparation. Presenters may reserve the room in one-hour blocks by signing up on the schedule posted by the door—room 210 B in the convention center. There is a one-hour time limit for the use of the room. Contact SCUP staff at the registration desk if you need assistance.

Speaker Practice Room Schedule:
Saturday, July 10 8:00 AM–6:00 PM
Sunday, July 11 7:00 AM–6:00 PM
Monday, July 12 7:00 AM–6:00 PM
Tuesday, July 13 7:00 AM–6:00 PM

Speaker Presentation Upload Room
The speaker presentation upload room is located within the Idea Marketplace near the Internet Café, and is provided to concurrent session presenters to submit or update their presentations. Presentations must be uploaded the day before your session.

Speaker Presentation Upload Room Schedule:
Saturday, July 10 3:00 PM–5:00 PM
Sunday, July 11 7:00 AM–5:00 PM
Monday, July 12 7:00 AM–5:00 PM
Tuesday, July 13 7:00 AM–5:00 PM

Sponsors
A BIG thank you to our sponsors. A listing can be found on pages 40–42.

Tickets see Event Tickets

Tours see Campus Tours/Optional Activities

Transportation
The hotels and convention center are within easy walking distance of one another, as are many local points of interest, shopping, and restaurants. Minneapolis is well known for its skyway system which connects buildings within the downtown core, including the Hilton and Hyatt hotels to the convention center. The skyway is generally open between 6:30 AM to 10:00 PM. Metro Transit is the light rail line that connects you to downtown Minneapolis, the airport, and the Mall of America. Ride within the downtown zone for only 50 cents at any time; get a day pass for unlimited rides on all buses and trains for 24 hours for just $6; for $4 you can ride unlimited for a continuous 6 hours; regular fares are $1.75 to $3 depending on time and type of service.

Vegetarian Meals
SCUP has arranged for vegetarian options to be available during meals for those who have indicated special dietary needs on their registration form. Please contact a SCUP staff person if you need additional assistance.

Vendor Presentations
Vendor Presentations are concurrent sessions led by our corporate members that showcase successful products, services, and projects. Eight vendor presentations will take place, three on Monday, four on Tuesday, and one on Wednesday.

Wine Raffle
Be sure to enter the raffle by visiting the participating exhibitors and signing your name on a cork (your raffle ticket) and attending the Wine & Cheese Reception in the Idea Marketplace on Monday, July 12, from 4:45 PM–6:00 PM. You could win a bottle of wine from participating exhibitors, who will bring a bottle of wine from their region to display in their booths. We will draw corks and post the winning names during the reception.
CONRENCE PROGRAM

SATURDAY, JULY 10

OPTIONAL WORKSHOPS & TOURS

Workshops take place at the Hilton Hotel, and tours depart from the Hilton Hotel. For tours, please arrive 15 minutes prior to departure.

8:00 AM–NOON
Optional Tour, Preregistration Required

University of Minnesota—Adaptive Reuse [CT001]
Having dedicated more than $333 million in less than 10 years to adaptive reuse of historic structures, the U of M has built a steady record of reclaiming the past to invest wisely in the future. Diverse building types, including libraries, laboratories, dormitories, and industrial buildings have found new and unusual reuse. This walking tour will allow participants to judge for themselves the university’s efforts in preserving and optimizing existing building stock through creative reuse and sustainable design practices. Tour includes transportation and guides.

Learning Outcomes:
1. Identify the ways in which historic preservation planning has been incorporated on the University of Minnesota campus.
2. Identify key techniques and concepts in adaptive reuse as you learn how reclaiming underutilized and endangered historic spaces creates economic, environmental, and stewardship opportunities.
3. Assess historic preservation decisions and outcomes on an ever changing campus.
AIA Credits Possible: 4.0 LU
CM|4

8:30 AM–NOON | Marquette VI
Optional Workshop, Preregistration Required

Design for Culture Transformation [PW013]
Presented by: Rashida Bridges, Consultant, DEGW; Elliot Felix, Associate Director, DEGW North America; Bryant Rice, Associate Director, DEGW
Convened by: Susan Whitmer, Education Solutions Integrator, Herman Miller

Audience: Planners who desire to expand their ability to include user behavior and organizational culture in a campus’ approach to optimizing facility assets.

Roles and technologies are rapidly changing. Demographics of communities, as well as institutions, are different from before. The need to reach out to new populations and support them in diverse ways, while reaching financial goals, is placing severe strains on our infrastructure and the staff that designs and maintains it. Typical programming and planning processes often miss key elements that need to be studied—user behavior and organizational culture. By looking at our facilities and technologies in a new way, we can find opportunities to leverage our assets into new roles, increasing our efficiency and the effectiveness of the space. This interactive workshop explores new tools and strategies to help project teams excel.

Workshop includes workbook and refreshments.

Learning Outcomes:
1. Identify the key aspects of organizational culture on campus; prioritizing and communicating characteristics to be preserved or changed.
2. Determine work/learning patterns and user groups.
3. Align space with behavioral groups, identifying opportunities for multi-purposing.
4. Apply tools and processes to larger, more complex projects.
5. Create communications programs for describing and adapting to change.
AIA Credits Possible: 3.0 LU
CM|3

CPE Credits Possible: 3.0 units; Field of study: Management Advisory Services

8:30 AM–1:30 PM | Marquette V
Optional Workshop, Preregistration Required

Capital Projects in a Campus Environment: Organizing and Running a Successful Project Team [PW008]
Presented by: Frances Gast, Planner, University of Connecticut; Celia Kent, Director, FAS Planning Office, Harvard University; Debi McDonald, Associate Principal, Cannon Design
Convened by: Nguyen Griggs, Professional Development Committee Member, Society for College and University Planning

Audience: Planners seeking to create effective collaborations during capital projects.

What can campus leaders, and their design and construction partners, do to facilitate successful capital projects, and avoid costly and consequential missteps? Complex facility projects are difficult undertakings, requiring orchestrated activities amongst each of the project team members. The natural momentum of construction projects can fuel fundraising, engage campus constituencies and inspire great design. There is a story behind every campus building. Like making a film, a team is brought together to help tell this story. All team projects require that we be prepared to manage complex interdependent activities; deal with artistic temperaments; and struggle with multiple tasks and deadlines. In this workshop, we will explore and practice planning and organizational skills that teams should develop early in the process. These skills help a team manage through the inevitable interruptions and setbacks that can sabotage a successful realization of the project’s vision. The strategies that carry us through are less technical than organizational and team-focused: setting realistic priorities; creating a high-functioning project team; resolving conflicts; challenging assumptions; and asking questions. This workshop will enable participants to hone their skills and to take home a kit of practical tools and strategies to help project teams excel.

Workshop includes workbook, continental breakfast, and refreshments.

Learning Outcomes:
1. Identify early project pitfalls such as collective over-optimism, programming for yesterday, and conflicting goals and agendas.
2. Use a “tool-kit” of diagnostic, analytic, team-building, and organizational skills to educate others and improve project success.
3. Describe the value of being a reflective practitioner and learning from what goes wrong.
4. Practice organizational leadership roles that support better planning, design, and construction outcomes.
5. Effectively participate in lead programming planning, design, and construction meetings.
AIA Credits Possible: 4.5 LU
CM|4.5

CPE Credits Possible: 4.5 units; Field of study: Finance

8:30 AM–5:00 PM
Optional Tour, Preregistration Required

Carleton and St. Olaf Colleges [CT003]
Thirty-five miles south of Minneapolis, Northfield Minnesota is known as the home of cows, colleges, and contentment. The day-long tour of Carleton and St. Olaf—ranked among the nation’s best liberal arts colleges—will highlight sustainability initiatives and the evolution of historic and 1960’s era facilities to interdisciplinary models. Tour includes transportation, lunch, and guides.

Learning Outcomes:
1. Identify effective sustainability practices across the spectrum of campus activities; including facilities, food service, and one-stream recycling.
2. Evaluate best-practices in facility design that promote science and mathematics education in small, liberal arts colleges.
3. Review the value of creating settings for encouraging community building among students and with faculty.
4. Determine ways in which small, liberal arts colleges can meet the goals of the American College and University Presidents Climate Commitment with existing resources.
AIA Credits Possible: 6.0 LU
CM|6

CPE Credits Possible: 6.0 units; Field of study: Management Advisory Services
Integrating Sustainability in the Master Planning Process [PW005]
Convened by: Thomas Huf, Senior Education Facilities Planner, University of Massachusetts
Audience: Campus planners involved in advancing sustainability through the effective use of master planning and appropriate measures at various planning levels.

**Learning Outcomes:**
1. Assemble and organize sustainability goals, policies, and regulations relevant to the master planning process.
2. Identify the key elements and metrics of a sustainable master plan.
3. Test approaches for integrating sustainable design and planning goals in the master planning process.
4. Review methodology for evaluating measurable outcomes of the sustainable planning process.
5. Explore the process for reporting on sustainability outcomes.

8:30 AM–5:00 PM | Marquette IV
Optional Workshop, Preregistration Required

Linking Planning and Assessment in Higher Education: A Practical Guide [PW001]
Presents: David Hollowell, Executive Vice President & Treasurer Emeritus, University of Delaware; Michael Middaugh, Associate Provost, Institutional Effectiveness, University of Delaware; Elizabeth Sibolski, President, Middle States Commission on Higher Education
Convened by: Ellen Milstone, Vice President, Strategic Financial Planning, Arizona State University Foundation
Audience: Planners new to the use of the assessment process in accreditation activities as a springboard to integrated planning

This workshop focuses on strategies for effectively utilizing information drawn from a broad range of assessment activities. It goes deeper into the content found in the SCUP volume, *Integrating Planning and Assessment in Higher Education: A Practical Guide* (2006). Participants will identify the information that should drive the strategic planning process at a college or university and that provides the evidence needed to make more targeted decisions in the allocation of human and fiscal resources. The presentation will also highlight the linkage between assessment and planning as a critical compliance criterion among all regional accrediting bodies in the United States. The workshop will use a series of exercises throughout the presentation to interactively engage participants and reinforce the concepts and principles being presented. Each participant will receive a comprehensive workbook containing presentation materials and a list of resources for use upon completion of the workshop. Workshops includes workbook, continental breakfast, lunch, and refreshments.

8:30 AM–5:00 PM | Marquette I
Optional Workshop, Preregistration Required

Reimagining Higher Education, Post Recession [PW004]
Presents: Linda Baer, Senior Vice Chancellor, Academic & Student Affairs, Minnesota State Colleges & Universities System Office; Donald Norris, President, Strategic Initiatives, Inc.
Convened by: Lily Berrios, Principal, Sizemore Group
Audience: Integrated planners interested in how the emerging use of business information and action analytics analyses can be effectively used to transform higher education.

The current recession requires both immediate, severe adjustments, and longer-term innovation and reinvention of higher education. An emerging, new generation of “action analytics” will enable higher education leaders to lift out of the recession, establish financial sustainability, and sustain competitive advantage. This requires reimagining our policies, processes, practices, and performance for the post-recession global economy. The focus is on value: achieving elevated expectations in an era of diminished resources. Action analytics, vision, and strong leadership will be critical to our success. Workshop includes workbook, continental breakfast, lunch, and refreshments.

**Learning Outcomes:**
1. List and discuss the premises and critical steps for lifting out of the recession.
2. Build scenarios and practices for more sustainable educational funding models.
3. Understand the action analytics that are foundational to lifting out of the recession.
4. Explore campus opportunities to leverage disruptive and dislodging events in higher education.
5. Determine leadership as agents of change in lifting out of the recession.

8:30 AM–5:00 PM | Marquette III
Optional Workshop, Preregistration Required

Step I: Foundations of Planning in Higher Education [PW018]
Presents: Pauline Melis, Assistant Provost, Institutional Planning & Assessment, University of Saskatchewan
Convened by: Dawit Teklu, Dean, Institutional Research, Assessment & Evaluation, Strayer University
Audience: Individuals new to the field of higher education planning and those who wish to gain a deeper understanding of the higher education planning environment, and those interested in enrolling in SCUP’s three-step planning institute.

Participants in this full-day workshop will acquire an understanding of the fundamentals of planning, including political considerations, within the college, university, and community college settings. These fundamentals include how the planning function may be organized and executed in a range of institutional types.
Participants will gain insights into how strategic planning can help institutions:
1. Mobilize for action.
2. Aid in the effective allocation of resources.
3. Gain competitive advantage.

You will leave Step I with an increased appreciation of the various issues and practical tactics associated with the successful implementation of a planning process in an institution of higher education. SCUP’s Walnut College case study allows you to apply what you are learning throughout the workshop to the problems and concerns of planning. This is Step I of SCUP’s three-step planning institute, leading to a certificate of completion.

Workshop includes workbook, continental breakfast, lunch, and refreshments.

**Learning Outcomes:**
1. Define the basic elements of planning.
2. Practice integrated planning in the context of higher education, using exercises and a case study.
3. Discuss the social and political context of integrated planning within higher education.
4. Analyze the value of evidence-based planning and leave prepared to apply evidence-based planning in a real-life context.

AIA Credits Possible: 7.0 LU
CM|7
CPE Credits Possible: 7.0 units; Field of study: Management Advisory Services

---

**Minneapolis Cultural and Architectural Hub**

Hop on and off this guided museum shuttle to the Guthrie Theater, the Mill City Museum, the Minneapolis Central Library, the Walker Art Center and Sculpture Gardens, the Minneapolis Institute of Arts—Children’s Theater and MCAD. A knowledgeable tour guide will be on board to educate you about the museums and the city of Minneapolis. Shuttles will depart the Hilton every half hour from 9:30 AM to 4:00 PM. The last return shuttle will leave the MIA at 4:30 PM. All Entrance Admissions are on your own.

**Learning Outcomes:**
1. Identify the variety of architectural styles that contribute to a vibrant Minneapolis downtown.
2. Explore the environmental contributions of the Minneapolis Central Library with its rooftop garden, day lighting, and window screens that provide energy efficiency and are aesthetically pleasing.
3. Assess the ways in which art museums can make use of architecture as part of the exhibit space through tours of the Walker Art Museum and Sculpture Garden and the Minneapolis Institute of Arts.
4. Recognize the ways in which Jean Nouvel’s vision for ‘theaters in the sky’ created new ways for architecture to enhance the theater-going experience at the Guthrie Theater.

---

**University of Minnesota—Planning for Growth** (CT002)

Colleges and universities spend billions every year on the development of buildings and physical plant, much of it within the confines of existing urban environments. Past campus planning efforts focus primarily on the development of a master plan. Very little emphasis was placed on the processes and tools required to actually implement a plan. This half mile to mile walking tour is focused on the University of Minnesota’s East Gateway District, which is the first wave of expansion on the Twin Cities campus since the 1960s. The tour explores campus development as a tool and will address:

a) the challenges of implementing a campus master plan in an urban setting and
b) the importance of having an iterative and adaptable plan.

**Learning Outcomes:**
1. Explore how campus development contributes to implementing a campus master plan in an urban setting.
2. Evaluate the importance of having an iterative and adaptable planning process.
3. Consider institutional activities that engage surrounding communities in a campus rejuvenation plan.
4. Recognize how the sequencing of projects allows campus priorities to be effectively advanced.

AIA Credits Possible: 4.0 LU
CM|4

---

**RECEPTION**

5:00 PM-7:00 PM | Hilton Hotel | Symphony Ballroom III

**SCUP Connection Reception**

Informal social for all attendees. Network with old friends and meet new colleagues while enjoying light refreshments. Cash bar provided.
This workshop explores tools for the planning, programming, and design of academic science facilities. Topics include: accommodating new pedagogical methods, space assignment and utilization, lab formulas and calculations, lab components, impacts on infrastructure, sustainability, benchmarking, codes, cost models, and funding options. An integrated planning exercise using a theoretical project will form the basis for the workshop. Brief vignette presentations will illustrate trends and issues that are unique to the sciences. Supplemental materials, including definitions and guidelines, will be supplied. Workshop includes workbook, continental breakfast, and refreshments.

Learning Outcomes:
1. Determine data required to assess and benchmark utilization and space needs for science teaching and research labs.
2. Using the data provided, apply the criteria and formulas to calculate the quantity, size, and interrelationship of science teaching and research spaces.
3. Analyze how teaching and research trends and issues impact the science environment.
4. Implement methods for integrating sustainability, without compromising safety.
5. Using methods and planning tools provided, integrate the concepts using a comprehensive planning exercise.

AIA Credits Possible: 4.5 LU
CM|4.5
CPE Credits Possible: 4.5 units; Field of study: Production

8:00 AM–1:00 PM | Marquette III
Optional Workshop, Preregistration Required

Space Needs Planning From A to Z (PW011)
Convened by: Susan Whitmer, Education
Solutions Integrator, Herman Miller

Audience: Campus personnel needing a deeper understanding of how to implement the practices and principles of space planning to advance an institution’s mission.

Now more than ever, understanding space usage and planning is critical for an institution to optimize the use of its physical resources. Solid planning practices begin with understanding what is happening outside of an institution through environmental scanning, as well as through strategic and academic planning processes. It is challenging to bridge the gaps among the large amounts of information generated from pre-planning studies, the evaluation of institutional data, and the establishment of space management policies and guidelines.

This workshop will examine a variety of space planning topics such as identifying and interpreting key processes and data sources; discussing space utilization and management issues; reviewing guidelines by space type and their relevancy; and interpreting space needs outcomes. Examples from community colleges to research extensive universities will be used to illustrate space planning pitfalls and practices. Attendees will be presented with space planning scenarios to explore using case studies and group activities.

Workshop includes workbook, continental breakfast, and refreshments.

Learning Outcomes:
1. Identify the key steps and the institutional units that should be involved in the space planning process, as well as the identification of critical pre-planning activities that affect the outcomes of space planning.
2. Quality, verify, and translate institutional data into meaningful information to establish a baseline for space planning and determine projections for future space planning.
3. Relate the National Center for Educational Statistics Postsecondary Education Facilities Inventory and Classification Manual (FICM) space use codes to existing facility use and space management.
4. Interpret and adjust space guidelines based on modern learning environments and pedagogy, institutional mission, program mix, student services, and outside characteristics.
5. Translate the space analysis outcomes into a meaningful strategy for master planning, renovations, and new construction, as contained in a capital improvement plan.

AIA Credits Possible: 4.5 LU
CM|4.5
CPE Credits Possible: 4.5 units; Field of study: Business Management and Organization
Preparing for the Future:  
Building Organizational Capacity for Change (PW017)

Presented by:  Scott Briggs, Chief Information Officer, Humber College Institute of Technology & Advanced Learning; Kate Sikerbol, Associate Director, Organizational Effectiveness, Humber College Institute of Technology & Advanced Learning

Convened by:  Nguyen Griggs, Professional Development Committee Member, Society for College and University Planning

Audience:  Planners interested in how to incorporate best practices in organizational change on their campuses.

The game has changed. As educational institutions we now operate in a global context. Student expectations are driving radical shifts in how we design and deliver education. Technology continues to evolve, shaping student, staff, and business expectations. Economic uncertainties have upset our forecasts for the future. How do we ensure that our educational institutions thrive during these turbulent times? How do we develop the capability for a rapid and flexible response to changing conditions? What are the implications for our role as leaders? Using the story of how Humber College has addressed the need to build its capacity to change as a case study, participants will consider what lessons they can adapt or adopt for their own contexts. Grounded in an overview of best practices from the literature on building capacity and change readiness, the presentation will allow participants to clarify their strategic intent; analyze their organizations’ change readiness; identify their preferred change style; and reflect on the implications for their role as leaders, equipping them to prepare their organizations to embrace the future.

Workshop includes workbook, continental breakfast, and refreshments.

Learning Outcomes:
1. Discover the key considerations in building a change-capable organization.
2. Identify preferred change styles, and analyze the implications for teams and the organization.
3. Discuss the key tasks of leaders in developing organizational capacity for change.
4. Create an action plan for organizational change.
5. Identify key tasks for leaders.

AIA Credits Possible: 3.0 LU
CMI3
CPE Credits Possible: 3.0 units; Field of study: Social Environment of Business

9:00 AM–2:00 PM
Optional Tour, Preregistration Required

Minnesota Landscape Arboretum (OE002)

Thirty miles from downtown Minneapolis, the Minnesota Landscape Arboretum is part of the Department of Horticultural science within the College of Food, Agricultural and Natural Resource Sciences at the University of Minnesota. It features 1,137 acres of magnificent gardens, model landscapes, and natural areas—from woodlands and wetlands to prairie—with extensive collections of wildflowers. With 32 display and specialty gardens, 48 plant collections and more than 5,000 plant species and varieties the Arboretum has become one of the premier public display areas and horticultural field laboratories in the country. Combined with an annual, juried public sculpture display, an art gallery devoted to painting and photography, and a horticultural library designed by Ed Lunde and furnished by George Nakashima—as well as indoor and outdoor venues for brunch or a picnic lunch—your visit will introduce you to the Arboretum’s mission to both inspire and educate.

Tour includes transportation, admission, and guide. Lunch is on your own.

Learning Outcomes:
1. Identify the northern plant and arboreal options available to landscape a wide variety of campus spaces.
2. Collect options for integrating learning programs into manmade and natural landscapes.
3. Assess the value of public art in enhancing wayfinding in the landscape and encouraging community participation in campus life.
4. Plan the effective integration of visitor, classroom and research facilities for educating the public on local and exotic flora.

AIA Credits Possible: 4.0 LU
CMI4

9:30 AM–NOON
Optional Tour, Preregistration Required

Macalester College (CT004)

Macalester College, a pre-eminent, national, liberal arts college, is situated in one of St. Paul’s most historic residential neighborhoods. The walking tour of campus will include a stop at the new LEED Platinum Markham Hall that houses the Institute for Global Citizenship. Other new construction includes the Leonard Athletic Center that opened in 2008. As the tour makes it way through campus, Macalester staff will discuss their plans for meeting the President’s Climate Commitment and the challenges to creating a sustainable campus in an urban setting. Macalester has worked energetically with its neighbors to accomplish the college’s program needs while working to provide beauty, serenity, and security to the surrounding neighborhood. Staff and neighbors will discuss the college’s proactive “town/gown” activities and the intricate negotiations between the college, surrounding residents, city, state and congressional representatives to reach consensus and approval for campus changes. www.macalester.edu/  
Tour includes transportation and guides.

Learning Outcomes:
1. Determine ways in which small, liberal arts colleges can meet the goals of the American College and University Presidents Climate Commitment with existing resources.
2. Discover how an urban campus is working to “infuse” sustainability into all aspects of the college.
3. Assess the range of strategies for the ongoing engagement of local, urban neighborhoods in the life of a college.
4. Recognize the need to talk with stakeholders at all levels of government to achieve master planning goals.
5. Balance the essential academic character of a campus with the needs of its residential neighborhood.

AIA Credits Possible: 2.0 LU
CMI2

10:30 AM–2:30 PM
Optional Tour, Preregistration Required

A Century of Architecture and Urban Design (OE005)

Travel through time on an historic architecture tour through the Twin Cities. Leaving the Hilton Hotel, we will visit one of the grandest monuments of the American Renaissance, the Minnesota State Capitol, before moving on to see St. Paul’s oldest theater, the Landmark Theatre. Our first stop will take place in Rice Park, a public square established in 1849, where we can make a wish at the giant fountain while looking at the St. Paul Public Library, Landmark Center, and the St. Paul Hotel. Traveling back to Minneapolis, we will wind through St. Paul along the Mississippi River Parkway, tree-lined Summit Avenue—home of F. Scott Fitzgerald—and past buildings constructed over a century ago. Entering Minneapolis, we will stop at the 19th century Longfellow House and scenic Minnehaha Falls to stretch our legs, eat at Sea Salt Restaurant* and tour the historic park. We will continue to downtown Minneapolis through Nicollet Mall, where we will see contemporary architectural landmarks such as the Federal Reserve and Plaza, the Minneapolis Central Library, the IDS Center and Crystal Court, and Orchestra Hall and Peavey Plaza. Our tour will end at one of the Twin Cities’ crown jewels, the Minneapolis Sculpture Garden, where we will stroll through the grounds and then return to the hotel via motor coach. Tour members will have the option to stay and explore the adjacent Walker Art Museum—returning to the hotel via taxi or walking through the Loring Park Greenway. *Lunch is on your own at the Sea Salt restaurant, which offers a variety of seafood with limited non-seafood items.

Learning Outcomes:
1. Identify the variety of architectural styles across the Twin Cities and how they contribute to the history and culture of the region.
2. Discover the ways in which sustainable design and historic renovation enables vibrant buildings that reduce energy use and provide excellence in their respective cultural functions.
3. Observe how open–space, including landscaping and official parks, contribute to the creation of a livable and walkable downtown area.
4. Explore the ways in which contemporary architectural design enhances the quality of life without detracting from the historic aspects of a major metropolitan area.

11:00 AM–NOON | 102 F
Convener Orientation
Are you one of this year’s session conveners? You have an important role toward the smooth and safe facilitation of concurrent sessions. Session conveners are invited to this short orientation to meet each other, have a beverage, and get helpful tips in convening a session.

2:30 PM–5:00 PM
Idea Marketplace Open

3:00 PM–4:00 PM | Room 102 DE
New Members Welcome & Orientation

3:30 PM–5:00 PM
Reception in the Idea Marketplace

OPENING PLENARY SESSION
5:30* PM–7:00 PM | Ballroom A
*While it may not match an Oscar nominated movie, please arrive by 5:15 PM to see a spectacular display of Second Life.

And the Oscar goes to . . . Avatar: The Lost Files
What happens when faculty and students take flight and global barriers are removed? Faculty, staff, and students from St. Paul College and the Minnesota State Colleges and Universities system will provide perspective on the growth of this virtual world in education. The work of faculty and students will be highlighted as we explore new worlds and transformative learning experiences.

Welcome to SCUP–45 and Minneapolis!
Welcome by: Marie Zeglen, Assistant Provost & Director, Institutional Planning & Research, University of Florida, and SCUP–45 Conference Program Chair; Krisan Osterby, Senior Consultant, Planning + Strategies, Perkins+will, and Local Host Chair; and Niraj Dangoria, Assistant Dean, Facilities Planning & Management, Stanford University, and Plenary and Invited Presenter Chair

Presentation of 2010 SCUP Awards: Founders’ (Casey) Award and Distinguished Service Award
Presented by: John Ruffo, Partner, WRNS Studio, LLP, and SCUP 2009–10 President
Recipient of the SCUP Founders’ (Casey) Award for Distinguished Achievement in Higher Education Planning:
Jeanne L. Narum, Founding Director, Project Kaleidoscope; Director, The Independent Colleges Office; and Principal, Project Kaleidoscope Learning Spaces Collaboratory
Recipient of the SCUP Distinguished Service Award for Exceptional Contributions to the Activities and Success of SCUP:
Nancy Tierney, Associate Dean, Planning & Facilities, University of Arizona College of Medicine, in partnership with Arizona State University
The Institutional Innovation and Integration Award will be presented during the plenary session on Monday, 8:30 AM–9:45 AM.
The SCUP Excellence Awards will be presented during the concurrent session on Monday, 3:15 PM–4:45 PM.
For more information about this year’s award winners, see pages 37–39.

Our Thanks for the Special Sunday Plenary Second Life Opening to:
- Linda L. Baer, Office of the Chancellor, Minnesota State Colleges & Universities System Office
- Al Essa, Office of the Chancellor, Minnesota State Colleges & Universities System Office
- Warren Sheafer, Saint Paul College
- Nancy Lee, Office of the Chancellor, Minnesota State Colleges & Universities System Office
- Todd R. Harmening, Office of the Chancellor, Minnesota State Colleges & Universities System Office
- Penny Dickhut, Minnesota Satellite and Technology, Minnesota State Colleges & Universities
...and to the many faculty and students who contributed to this project!

Plenary Presentation: The New Color of Green—The Next Inconvenient Truth (PL001)
Introduced by: Niraj Dangoria, Plenary and Invited Presenter Chair, and Assistant Dean, Facilities Planning & Management, Stanford University
Presented by: Jerome Ringo, Senior Executive for Global Strategies, Green Port

Jerome Ringo became national president of the Apollo Alliance in 2005 as a dedicated champion of environmental justice and vocal advocate of clean energy. He has worked more than 20 years in Louisiana’s petrochemical industry. His career includes years in drilling and offshore production in the Gulf of Mexico, as well as process operations in the refining industry. More than half of that time was spent as an active union member working with his fellow members to secure a safe work environment and quality jobs. Louisiana’s petrochemical industry focuses on the production of gasoline, rocket fuel, and plastics—many of which contain cancer-causing chemicals. As he began observing the negative impacts of the industry’s pollution on local communities—primarily poor, minority communities—Ringo began organizing community environmental justice groups. Ringo’s experience organizing environmental and labor communities and his drive to further diversify the environmental movement bridges many of Apollo’s partners to create a broad-based coalition to provide real solutions for our energy crisis.
In 1996, Ringo was elected to serve on the National Wildlife Federation board of directors and, in 2005, he became the chair of the board. In so doing, he also became the first African American to head a major conservation organization. Ringo was the United States’ only black delegate at the 1998 Global Warming Treaty Negotiations in Kyoto, Japan, and represented the National Wildlife Federation at the COP 15 talks in Copenhagen, Denmark. He also served as a representative at the United Nations’ conference on sustainable development in 1999.
In 2006, Ringo was a McCloskey Fellow and associate research scholar at Yale University; in 2008, he was a visiting lecturer at the University of California, Santa Barbara’s Bren School of the Environment. Ringo is co-author of Diversity and the Future of the US Environmental Movement (published in 2007) and The Green Festival Reader (published in 2008.)

Learning Outcomes:
1. Recognize the critical role of social justice in the creation of any sustainable initiative.
2. Identify ways to engage and diversity the support base for environmental sustainability.
3. Evaluate the strategies that infuse sustainability principles across a campus.
4. Judge the efficacy of green building practices in the widest variety of facilities.
AIA Credits Possible: 1.0 LU
CME Credits Possible: 1.0 unit; Field of study: Social Environment of Business

RECEPTION
7:00 PM–8:30 PM | Minneapolis Convention Center
President’s Reception
Join us for conversation with your colleagues and delicious hors d’oeuvres and a cash bar to kick off the conference. Included in full conference, companion, and Sunday-only registrations.
MONDAY, JULY 12

7:00 AM–6:00 PM

Idea Marketplace Open

7:00 AM–8:15 AM | Idea Marketplace
Continental Breakfast

PLENARY SESSION

8:30 AM–9:45 AM | Ballroom A
Morning Announcements + Drawing!

Jake B. Julia, Associate Vice President, Change Management, and Associate Provost for Academic Initiatives, Northwestern University

SCUP Welcome

Jolene Knapp, Executive Director, Society for College and University Planning

Presentation of the 2010 SCUP Award for Institutional Innovation and Integration

Presented by: John Ruffo, Partner, WRNS Studio, LLP, and SCUP 2009–10 President
Recipient of the 2010 SCUP Award for Institutional Innovation and Integration:

Vancouver Island University in Nanaimo, British Columbia, Canada for their entry, Nanaimo Campus Master Plan – Integrated Planning Process (NCMP), accepted by Ric Kelm, Executive Director, Facilities Services and Campus Development at the University.

Reflections on the Past Year

John Ruffo, Partner, WRNS Studio, LLP, and SCUP 2009–10 President

Plenary Presentation:

An Optimist’s Education Agenda (PL003)

Introduced by: Marie Zeglen, Assistant Provost & Director, Institutional Planning & Research, University of Florida, and SCUP–45 Conference Program Chair
Presented by: Mark Milliron, Deputy Director, Postsecondary Improvement, US Sector, Bill and Melinda Gates Foundation

The US education trend data are not pretty. The challenges around college completion in particular are real and growing. However, an optimist might look at this opportunity and take heart in the rising embrace of innovative technologies, creative techniques, and transformative models and say there is hope on the horizon. In this presentation we’ll outline the challenges and explore the opportunities we’ll face together in the education world on the road ahead.

Mark David Milliron serves as the deputy director for postsecondary improvement with the Bill and Melinda Gates Foundation, leading efforts to increase student success in the US postsecondary education sector. He is an award-winning leader, author, speaker, and consultant well known for exploring leadership development, future trends, learning strategies, and the human side of technology change.

Milliron founded and served as CEO for the private consulting and service group, Catalyze Learning International (CLI). In addition, he previously served as an Endowed Fellow, Senior Lecturer, and Director of the National Institute of Staff and Organizational Development in the College of Education at The University of Texas at Austin; Vice President for Education and Medical Practice with SAS, the world’s largest private software company; and President and CEO of the League for Innovation in the Community College.

While teaching at Arizona State, Milliron received the International Communication Association’s Teaching Excellence Award. More recently, the University of Texas at Austin’s College of Education honored him as a Distinguished Graduate for his service to the education field. In 2005, PBS named Milliron the recipient of its annual O’Banion Prize for transformational work in support of teaching and learning. And in 2007, the American Association of Community Colleges (AACC) presented Milliron with its National Leadership Award for his outstanding accomplishments, contributions, and leadership.

Follow the blog he authors and moderates: Catalytic Conversations Blog

Learning Outcomes:

1. Assess the impact of the continued technological revolution on the ability of colleges and universities to meet the educational challenges of the 21st century.
2. Evaluate the various efforts at transforming higher education now being undertaken in the US.
3. Consider the changes necessary to increase the graduation rates of virtually all institutions if we are to maintain a globally competitive advantage.
4. Indicate the effects that social media will have in creating future educational experiences on and off campuses.

AIA Credits Possible: 1.0 LU
CME Credits Possible: 1.0 unit; Field of study: Management Advisory Services

CONCURRENT SESSIONS

10:00 AM–11:00 AM | 101 AB

A Sustainable Campus?—

Yeah, Right! More Hype and No Substance? [CN023]

Presented by: Bart Becker, Associate Vice President, Facilities & Operations, University of Alberta; Leonard Rodrigues, Senior Principal, Stantec Architecture Ltd.

Convened by: Trina Mace Learned, Director of Facilities, Northfield Mount Hermon School

There are many planning studies and campus plans that claim sustainability as their underpinning. However, the meaning of “sustainable” can be quite widely interpreted. This session outlines a plan for a campus of 15,000 FTE seeking to be holistically green—in planning, infrastructure, buildings, and landscape. By setting the metrics of sustainable development in tangible economic, social, and technical terms, this plan shows what a truly sustainable campus might look like.

Learning Outcomes:

1. Analyze the constituent pieces of an integrated sustainable campus infrastructure, facilities, and operations.
2. Identify metrics that are objectively measurable and not “Greenwashing.”
3. Address a “closed loop” approach to the site for energy, water, waste, and how they interact.
4. Implement strategies for long-term sustainable development and operations—leveraging development opportunities to ensure concept execution.

AIA Credits Possible: 1.0 LU
CME Credits Possible: 1.0 unit; Field of study: Social Environment of Business

10:00 AM–11:00 AM | 101 H

Connecting Alumni to Campus

Through Strategic Planning and Preservation [CN119]

Presented by: Cara Hanson, Capital Project Manager, The University of Vermont; Thomas Hotaling, Principal, Ann Beha Architects; Alan Ryea, Director, Alumni and Parent Programs, University of Vermont

Convened by: David Neuman, Architect for the University, University of Virginia

The University of Vermont has embarked on an exciting initiative to restore, renovate, and expand a local landmark as an important new point of campus connection for visiting alumni. This creative design offers a home base for alumni activities, opportunities for revenue-generation, outreach to the surrounding city, and administrative space for development and alumni relations. This session will address the project’s complex planning and design process, financial modeling,
strategies for phased construction, neighborhood concerns, endowment opportunities, and sustainable strategies for historic structures.

**Learning Outcomes:**
1. Compare the advantages and disadvantages of adaptive re-use versus new construction.
2. Discover strategies for unique program requirements (including events spaces, public spaces for alumni use, and revenue-generating programs.)
3. Explore sustainable design strategies for historic buildings.
4. Review the business planning steps to be considered when creating revenue-generating spaces in academic settings, including the ever-present issue of campus parking.

**AIA Credits Possible:** 1.0 LU HSW SD
**CPE Credits Possible:** 1.0 unit; Field of study: Management Advisory Services

**10:00 AM–11:00 AM | 102 F**

**Does Net Zero Design LEED to Zero Cost? (CN146)**

**Presented by:** Chris Buntine, Sustainability Engineer, GreenWorks Studio; Brent Miller, Principal, Harley Ellis Deveraux; David Umstot, Vice Chancellor, Facilities Management, San Diego Community College District

**Convened by:** Elizabeth Foster, Principal, Sasaki Associates, Inc.

Limited resources are not a new reality for higher education, but how we design for these constraints can be. A focus on first cost, rather than on life-cycle cost, has defined a performance path with ever-increasing operational costs. This session illustrates how San Diego Community College District and other institutions are utilizing net zero approaches to design away operating costs, control capital costs, and push LEED certification to the highest levels.

**Learning Outcomes:**
1. Identify building candidates at the master plan level to optimize net zero design options.
2. Define performance goals that drive design toward net zero.
3. Educate building occupants, facilities maintenance, and administration to facilitate the shift to a net zero paradigm.
4. Incorporate post-occupancy evaluations, measurement, verification, and recommissioning to ensure a successful outcome.

**AIA Credits Possible:** 1.0 LU HSW SD
**CPE Credits Possible:** 1.0 unit; Field of study: Finance

**10:00 AM–11:00 AM | 101 E**

**Integrated Planning in Community Colleges: Current Realities and Future Possibilities (CN051)**

**Presented by:** Valarie Avalone, Director of Planning, Monroe Community College; Robert Delprinio, Associate Professor, Psychology, Buffalo State College

**Convened by:** David Cox, Executive Assistant to the President, The University of Memphis

This interactive presentation addresses implications of current trends and considers possible scenarios that community colleges must consider as part of their integrated planning process. Integrated planning at any institution is a challenging process; however, environmental, social, and political forces offer some unique factors for community colleges. These include mission (open door access), defining the college’s role (assist remedial students, prep students for four-year colleges, economic development engine), the community’s expectations (partnerships, respond to employers’ workforce needs, course offerings), funding sources (state and county contributions), and institutional leadership (anticipated retirement of 75 percent of community college presidents by 2012).

**Learning Outcomes:**
1. Assess integrated planning models for community colleges based on a brief review of the current literature.
2. Recognize the internal and external forces that are unique to community colleges and how they can drive the integrated planning process.
3. Identify approaches and skills needed to position community colleges for the future.
4. Develop tools (i.e., scenario building, gap analysis, etc) that can be used to identify and create future possibilities for community colleges.

**AIA Credits Possible:** 1.0 LU
**CPE Credits Possible:** 1.0 unit; Field of study: Management Advisory Services

**10:00 AM–11:00 AM | 102 F**

**Interaction Between a Community’s Healthcare Needs and Coppin University’s Academic Program as a Catalyst for Campus Transformation (CN044)**

**Presented by:** Fred Marino, Principal, Design Collective, Inc.; Benjamin Morgan, Project Director, Barton Malow Company; Maqbool Patel, Associate Vice President, Administration and Finance, Coppin State University

Convened by: Paul Rinaldi, Assistant Vice President, Planning & Design, Boston University

A microcosm of our world today exists in the richness and diversity of the new Health and Human Services Building at Coppin State University. Challenges of integrating multiple academic departments consisting of nursing, applied psychology and rehabilitation center, sociology, criminal justice and an early childhood development center with a community health clinic and pharmacy can also be considered as providing great opportunities for collaborative learning that is reinforced through architecture and the use of technology rich environments.

**Learning Outcomes:**
1. Discuss how incorporating the community public health clinic in the building increased student interaction and learning.
2. Address the integration of academic and community-based program elements.
3. Identify the benefits of day-to-day and longer-term integration among multiple academic departments and the clinic.
4. Recognize how this new facility and its location on the campus has invigorated the university and set the stage for the next step of their expansion.

**AIA Credits Possible:** 1.0 LU
**CPE Credits Possible:** 1.0 unit; Field of study: Social Environment of Business

**10:00 AM–11:00 AM | 102 A Vendor Presentation**

**Measuring the Impact of Enterprise Asset Management Programs (CN243)**

**Presented by:** Roger Reich, Associate Vice President, ISES Corporation

**Convened by:** Jennifer Krieger, Director, Budgets, Kentucky Community and Technical College System

Can you maintain your assets with less dollars and fewer personnel? Can technologies such as CMMS/SCADA/GIS help you bridge the budget/responsibility gap? We will analyze how technologies being used by colleges and universities are either helping with or not contributing to the institutional performance. Learn how to apply lessons learned to your institution.

**Learning Outcomes:**
1. Evaluate the impact of less maintenance dollars for your institution.
2. Identify how various technologies are helping bridge the responsibility gap to manage your assets.
3. Evaluate what processes and policies must be changed to use technologies to support your maintenance.
4. Measure institutional performance with technologies on long-term enterprise asset management.

**AIA Credits Possible:** 1.0 LU
**CPE Credits Possible:** 1.0 unit; Field of study: Finance
New School Fogelman Library—Urban Case Study of the New Library Experience [CN024]
Presented by: Roger Duffy, Partner, Skidmore, Owings + Merrill; Lia Gartner, Vice President of Design, Construction, & Facilities Management, The New School; Christopher McReady, Associate Director, Skidmore, Owings & Merrill LLP; Ed Scarchelle, University Librarian, New School University
Convened by: James Childress, Partner, Centerbrook Architects and Planners
The Fogelman Library project realized a new paradigm for the university’s library and an innovative model for others, integrating technology, print media, food service and informal study opportunities within an intensely-used existing academic building known as the Arnhold Knowledge Center. Throughout the building, spaces were clarified, connected and revitalized, creating a dispersed yet cohesive library, with access to specialized media technology already present in the building, thereby multiplying and enriching both the new and old learning resources.
Learning Outcomes:
1. Articulate principles for creating a highly interactive library, with diverse learning modes in an existing university building.
2. Program a series of flexible space types to reinforce the relationship between instruction and independent study.
3. Activate a multistory library building by offering a broad range of resources that support an increased density of activity.
4. Create a new prototype for communal student spaces at a time of change within the academic culture.
AIA Credits Possible 1.0 LU HSW
CMI
CPE Credits Possible: 1.0 unit; Field of study: Business Management and Organization

Planning for Athletics and Recreation—Making Every Yard Count [CN092]
Presented by: David Dymekci, Principal, Sasaki Associates; William Massey, Principal, Sasaki Associates, Inc.; Carol Moyles, Senior Associate/Landscape Architect, Sasaki Associates
Convened by: Lisa Macklin, Principal, Comprehensive Facilities Planning, Inc.
Athletic and recreation buildings are some of the largest, most energy-intensive buildings on a campus. Factor in fields and outdoor venues and the impact becomes even more significant. With increasing demand for intramural and club sports and expectations for ever more sophisticated facilities for athletics, team sports and human performance research, institutions are working harder than ever to plan appropriately for the future. This session will look at planning strategies that maximize space and land area with a sustainable, long-term focus.
Learning Outcomes:
1. Respond to trends in athletics and recreation within a rapidly changing and unpredictable economic landscape.
2. Minimize the environmental impact of traditionally large, energy intensive buildings.
3. Apply rules of thumb for meeting NCAA Regulations and basic planning guidelines for Division 1, 2 and 3 Institutions.
4. Establish priorities by looking at student surveys, aligning growth with an institution’s academic mission, evaluating trends in Athletics and Recreation, and more.
AIA Credits Possible: 1.0 LU
CMI
CPE Credits Possible: 1.0 unit; Field of study: Business Management and Organization

The Knowledge Economy Has Arrived: Now What Do We Do? [CN258]
Presented by: Paul E. Lingenfelter, President, State Higher Education Executive Officers (SHEEO)
Convened by: Joan Racki, Policy & Operations Officer, Board of Regents, State of Iowa
The knowledge economy predicted by Peter Drucker in 1968 has arrived. Paul Lingenfelter will reflect on its implications for higher education, and more broadly, for the sustainability and quality of human life. He will consider: the re-alignment of national economies, the imperative for mass higher education, and the challenges posed by global competition for quality assurance and the delivery of higher education. A fourth topic is the implications of resource scarcity on the business model of higher education—Can we, and should we move from a model that competes not just on quality, but also on productivity?
Learning Outcomes:
1. Acquire an understanding of global economic trends and their implications for international competition for knowledge and skill.
2. Identify the interrelationships between socio-economic status and academic capacity in postsecondary attainment;
3. Recognize the changing business model of higher education driven by greater demand for knowledge and the obsolescence of quality assurance mechanisms based on inputs; and
4. Define the factors associated with public support for postsecondary education.
CMI
CPE Credits Possible: 1.0 unit; Field of study: Social Environment of Business
Transformation: A Tale of Successful Planning and Prioritizing [CN261]

Presented by: Douglas Baker, Provost and Executive Vice President, University of Idaho
Convened by: Mary Doyle, Vice Chancellor, Information Technology, University of California—Santa Cruz

The University of Idaho undertook a Program Prioritization Process in the 2009-2010 academic year. The outcome of that process was the elimination or reorganization of 49 degree programs and the structural elimination of seven academic departments. In parallel with this effort was a Strategic Innovation Initiative process that asked the faculty and staff to offer new ways to rethink the structure and functioning of the university. These processes were built on a foundation of three years of strategic plan implementation and involved broad collaborations with faculty, staff, and students. In this talk, the process, timelines, metrics, and culture for these transformations will be discussed.

Learning Outcomes:
1. Discover a method for establishing a program prioritization process and successfully implementing it.
2. Identify linkages between university-level planning and program prioritization processes that can effectively lead to program reductions and/or reorganization.
3. Recognize how program reduction processes can be effectively combined with forward looking innovation processes to reshape academic institutions.
4. Discuss how the planning processes undertaken at the University of Idaho can be adapted for use at other colleges and universities.

CPE Credits Possible: 1.0 unit; Field of study: Management Advisory Services

11:15 AM–Noon DISCUSSIONS

How to Submit a Session Proposal for SCUP–46

Gain tips on submitting a proposal, get your questions answered, and meet the Academy Conveners who oversee the proposal review process: Institutional Direction & Planning Academy
Convener: Jake B. Julia, Associate Vice President, Change Management & Associate Provost for Academic Initiatives, Northwestern University

Academic Planning Academy
Convener: Mary Doyle, Vice Chancellor, Information Technology, University of California—Santa Cruz
Associate Convener: Michael F. McGoff, Vice Provost, Undergraduate Education and Strategic & Fiscal Planning, State University of New York at Binghamton

Facilities Planning Academy
Convener: Eugene J. Mackey III, Principal, Mackey Mitchell Associates

Resource & Budget Planning Academy
Convener: Thomas K. Anders, Senior Vice President, Administration & Fiscal Affairs, University of Wisconsin System

11:15 AM–Noon | 101 D
Meet the SCUP Executive Committee

SCUP members and conference attendees are invited to meet the SCUP Executive Committee. Learn about board initiatives such as a potential dues restructuring. Or, ask a question or voice a concern. This is your opportunity to provide feedback to leadership.

SCUP ROUNDTABLES

11:15 AM–Noon
Come and join your peers, colleagues, and supporters in discussion groups based on key topics and institution types. We want to hear what’s working for you and also your questions about what might work.

TOPIC | ROOM
---|---
Institutional Direction Planning: Sustainability | 103DEF
State Level | 101H
Campus Level | 101IJ

Academic Planning: Research Universities | 101AB
Baccalaureate & Masters Institutions | 102BD
Community Colleges & Two Years | 102A

Facilities Planning: Campus Heritage | 102F
Space Planning | 102DE
Architecture, Campus Planning, Design | 103ABC

Resource & Budget Planning: Publics | 101C
Privates | 101D

11:30 AM–1:00 PM | Idea Marketplace
Lunch

NEW FOR THIS YEAR!
EXPRESS SESSIONS

Participate in one of three 30-minute “express sessions” presented by thought-provoking speakers, and explore a cutting-edge topic that impacts higher education.

1:15 PM–1:45 PM | 102 DE
State Level Data to Inform Decision Makers [E5001]
Presented by: Hans P. L’Orange, Vice President, Research and Information Resources, and Director, SHEEO/NCES Network, State Higher Education Executive Officers (SHEEO)
Convener: Linda Baer, Senior Vice Chancellor, Academic & Student Affairs, Minnesota State Colleges & Universities System Office

Accurate, timely and comprehensive data play a critical role in informing state policy makers and improving educational outcomes. While states share issues and challenges, their development and use of state-level, postsecondary education data varies considerably. This session will describe three related activities that (1) catalog and evaluate current state postsecondary data systems, (2) provide peer recommendations for future data system development and enhancement, and (3) provide a framework for data consistency between systems enabling better student transitions between K-12 and postsecondary education.

1:15 PM–1:45 PM | 103 DEF
The Changing Architectural Profession [E5003]
Presented by: Thomas Fisher, Professor, School of Architecture & Dean, College of Design, University of Minnesota
Convener: Eugene Mackey, Principal, Mackey Mitchell Associates

The architectural profession, like most sectors of our economy, has undergone a phase change with this recession. It has become more productive and integrated as a result of BIM, more environmentally responsible and energy conserving in response to sustainability demands, and more internationally focused and ethnically diverse in a global economy. These changes have, in turn, affected architects relation to and interaction with clients and consultants, requiring that the latter change their perceptions and expectations of architects. Come hear how.
The New Ecology of Learning in the 21st Century (ES002)

Presented by: Peter Smith, Senior Vice President of Academic Strategies and Development for Kaplan Higher Education
Convened by: Niraj Dangoria, Assistant Dean, Facilities Planning, & Management, Stanford University

The campus has been overtaken by the Learning Platform as the defining architecture in higher education. And the faculty has been overtaken by networks as defining the process in higher education. What are the implications for planning and program development in the 21st century, given these emerging, disruptive realities? Smith is the author of Harnessing America’s Wasted Talent: A New Ecology of Learning (Jossey-Bass, Jan, 2010).

CONCURRENT SESSIONS

“Free” Property—Look That Gift Horse in the Mouth [CN220]

Presented by: Sarah Hempstead, Project Manager & Principal, Schmidt Associates; Kevin Shelley, Project Manager & Principal, Schmidt Associates; Richard Tully, Assistant Vice President, Facilities Planning, Ivy Tech Community College of Indiana

Convened by: Lori Garrett, Senior Principal, Director of Higher Education Studio, Glave & Holmes Architecture

A gift of adjacent land and a building seemed like good news to rapidly growing Ivy Tech Community College. The easy solution would be to demolish the building and start over, but the building became important to historic preservation enthusiasts. Meanwhile, legislative priorities and a roller coaster economy constantly altered the realities for this project. This session explores two years of community consensus building to find an educationally sound and creative solution the community loves.

Learning Outcomes:
1. Apply consensus building strategies to resolve the disparate goals of constituents to produce a solution that is not “us vs. them,” but is instead a solution that works for everyone.
2. Formulate a new game plan as external circumstances change to adjust to the new economic and political realities.
3. Use the art of negotiation to appraise what your organization is willing to give up (and when) and what is non-negotiable as you allow outside stakeholders to have a role in your organization’s future.
4. Employ the right communication strategies to sell your plan to all constituencies.

AIA Credits Possible: 1.0 LU
CM1
CPE Credits Possible: 1.0 unit; Field of study: Social Environment of Business

An Incremental Approach to Creating Technology-Enhanced Learning Spaces (CN017)

Presented by: Noah Pitzer, Network Specialist, UWTY, University of Washington; Pamela Stewart, Executive Director, Planning & Facilities, UW Technology, University of Washington; Karalee Woody, Director, Operations, Learning & Scholarly Technologies, University of Washington
Convened by: Sarah Cantrell, Director, Integrated Resource Planning, York University

Several years ago, the University of Washington invested in a centralized, experimental technology-enhanced conferencing space to provide faculty and staff opportunities to collaborate over long distances. The experience gained was leveraged towards the design of two additional, larger facilities. As a result of the curtailment of travel, two additional facilities are being planned. This presentation will provide a brief overview of the form and function of these facilities, describe usage experiences, and address the on-going challenges of support, maintenance, and renewal.
Learning Outcomes:
1. Distinguish among several types of technology-enhanced facilities.
2. Compare user experiences and usage patterns in different facilities to identify required adjustments and determine best practices for future projects.
3. Assess the costs of support, maintenance, and renewal of technology-enhanced facilities for comprehensive budgeting purposes.
4. Identify and apply lessons learned in order to effectively leverage resources in future projects.

AIA Credits Possible: 1.0 LU
CM|1
CPE Credits Possible: 1.0 unit; Field of study: Business Management and Organization

Help! My Building Doesn’t Have a Cavity: Re-Cladding Solutions for Energy Inefficient Existing Buildings (CN244)
Presented by: Katherine Bozoian, President, Bozoian Group Architects; Julia Oberheu Tritscher, Associate, Bozoian Group Architects; Keith Quick, Larson Engineering, Inc.

Learning Outcomes:
1. Identify performance problems in masonry buildings that were built without a cavity.
2. Analyze benefits and pitfalls in designing re-cladding.
3. Discuss benefits and pitfalls of materials available for re-cladding.
4. Discover potential construction approaches for re-cladding.

AIA Credits Possible 1.0 LU HSW SD
CM|1
CPE Credits Possible: 1.0 unit; Field of study: Social Environment of Business

Home, Classroom, Community: Creating a Comprehensive College House Residential Program (CN007)
Presented by: Daniel Kelley, Partner, MGA Partners; Kent Trachte, Dean of the College, Franklin & Marshall College

Learning Outcomes:
1. Define the primary components of a college house and how they can be integrated into a comprehensive residential program.
2. Analyze existing residential facilities to determine their potential for renovating and adding spaces that support a college house program.
3. Describe how a consistent architectural language can articulate a new institutional objective and reconcile historic campus character issues.
4. Organize a phased transition of residential living that is coordinated with capital planning, donor opportunities, and institutional capabilities.

AIA Credits Possible: 1.0 LU
CM|1
CPE Credits Possible: 1.0 unit; Field of study: Business Management and Organization
Integrating Academic, Facilities and Community Needs at BCTC’s New Campus  
(CON235)  
Presented by: Augusta Julian, President/CEO, Bluegrass Community & Technical College, Krisan Osterby, Senior Campus Planner, Perkins+Will; Laurence Page, Senior Academic Planner, Perkins+Will  
Convened by: Sheila Chaffin, Executive Director, Campus Planning, University of Alabama at Birmingham  
The Bluegrass Community and Technical College Master Plan consolidated programs from three existing campuses, while redeveloping the oldest continuing psychiatric hospital campus in America. Located in a distressed neighborhood, the project integrated academics, operations, sustainability, historic preservation, and community needs. Focusing on 48 acres adjacent to downtown Lexington, the planning team collaborated with KCTCS, Finance Cabinet, faculty, staff, city, and historical society representatives to create a mixed use campus vision for 10,000 students that links institutional and community priorities.  
Learning Outcomes:  
1. Discover the correlation between academics, facilities and community plans.  
2. Create a process to align academic goals with facilities.  
3. Integrate community heritage, community needs, and the campus vision.  
4. Develop a protocol for phasing a consolidated campus.  
AIA Credits Possible: 1.0 LU  
CPE Credits Possible: 1.0 unit; Field of study: Production

Managing Space as a Campus Resource  
(CON207)  
Presented by: Ira Fink, President, Ira Fink & Associates, Inc.  
Convened by: George Mathey, Principal, Dober Lidsky Mathey  
Space is a valuable campus resource. Too little space hampers the ability to accomplish a unit’s objectives; too much space wastes institutional assets. Creating an equilibrium balance of space, between too little and too much, requires managing space on a campus. Explore new methods that campuses across the US are now using to project space needs, measure the amount, distribution, and use of space, and allocate space equitably among academic, administrative, and support units.  
Learning Outcomes:  
1. Discuss the newest tools being used for campus space analysis and management.  
2. Identify key skills in space management including the ability to communicate, process information, synthesize, conclude, and pay attention to detail.  
3. Project space needs by measuring the amount, distribution, and use of space.  
4. Allocate space equitably among academic, administrative, and support units.  
AIA Credits Possible: 1.0 LU  
CPE Credits Possible: 1.0 unit; Field of study: Business Management and Organization

Revolutionizing Learning in the STEM Disciplines  
(CON067)  
Presented by: Geoffrey Lisle, Principal, BSA LifeStructures; Gabriela Weaver, Director Discovery Learning Center, Purdue University  
Convened by: Catherine Quinlan, Dean, USC Libraries, University of Southern California  
At Purdue University’s Discovery Learning Center, researchers are encouraged to collaboratively explore ways to not only meet students’ changing needs, but also to help them thrive in academic environments. In this session, a post-occupancy evaluation of the Discovery Learning Center will focus on the facility’s unique educational practices and innovative learning environments. Projects within the facility will explore novel technologies and pedagogies designed to enhance learning at all levels.  
Learning Outcomes:  
1. Analyze how flexibility and collaboration are being integrated into the built environment in order to promote the adaptability of students’ education.  
2. Explore the research goals established at the Discovery Learning Research Center and how this has driven the intended outcomes of the facility.  
3. Examine the ongoing development of interactive learning technologies.  
4. Discuss how the Discovery Learning Research Center is fostering collaborations with other centers within the STEM disciplines (science, technology, engineering and math).  
AIA Credits Possible: 1.0 LU HSW  
CPE Credits Possible: 1.0 units; Field of study: Management Advisory Services

Cultural Competency for Educational Leaders  
(CON028)  
Presented by: Mun Wah Lee, Founder, StirFry Seminars & Consulting  
Convened by: Robert Sabbatini, Planner, Designer, Robert Sabbatini AICP FASLA  
As communities, schools, and workforces become increasingly diverse, cultural competency and the elimination of cultural and personal bias become correspondingly important issues. What are some of the new skills and perspectives needed to meet the challenges of a more diverse population? Through personal stories, group exercises, and films, participants will learn that cultural competency requires awareness of cultural differences, cross-cultural communication skills, community development expertise, and an understanding of social issues and contexts.  
Learning Outcomes:  
1. Explore ways to create a sense of community when confronted by a diverse population.  
2. Master the communication and facilitation skills required to mediate conflicts that are cultural in nature.  
3. Acquire the ability to ask meaningful and intimate questions of individuals from diverse cultures.  
4. Recognize how to listen and respond to personal experiences from a cultural perspective.  
CMI  
CPE Credits Possible: 1.5 units; Field of study: Management Advisory Services

Friending Gr8 Ldrz: Leveraging Social Media on Campus  
(CON254)  
Presented by: Melissa Martyr-Wagner, Assistant Director, Academic Technology Services, University of Minnesota; Kim Milford, Special Assistant to the CIIO, Indiana University  
Convened by: Ronald Swain, Senior Advisor to President, Strategic Planning & Assessment, Southwestern University  
Social networking presents new ways to enhance staff development and meet organizational goals. Social networking tools, already in widespread use, create virtual communities and link people and ideas across regions and time in an interactive, participative way. Tech-savvy organizations can reap the benefit of these collaborations without investing in significant infrastructure. What social networking trends exist? What challenges should be considered? We explore how leaders can thoughtfully leverage social networking to enhance collaborations, manage change, and lead organizations.  
Learning Outcomes:  
1. Express one’s own understanding and definition of social media.  
2. Apply social media concepts to leadership development practices.  
3. After seeing examples, be able to identify tools that can be used in staff development, marketing, or other aspects of university and college operations.  
4. Discover new trends in social media and it’s applications.  
CMI  
CPE Credits Possible: 1.5 units; Field of study: Communications
At multiple institutions, the presenters have developed a process for accountability, financial implications, timelines, and assessment. This process is operationalized through a clear identification of outcomes. Implementation of the strategic plan will only occur if it is connected to the strategic goals and explicit for each constituency.

1. Discover key factors driving learning space effectiveness, from the viewpoint of today's student.
2. Recognize the influence that students can have on shaping effective learning spaces.
3. Discover a process you can use to capture similar responses from your own campus.
4. Discuss the rapidly changing needs of students and how higher education facilities can respond to those needs.

AIA Credits Possible: 1.5 LU
CM1.5
CPE Credits Possible: 1.5 units; Field of study: Business Management and Organization
Learning Outcomes:
1. Discover how projects contribute to a sense of place on campus.
2. Recognize innovations in planning, architecture, and landscape architecture.
3. Discuss how the effective use of materials and aesthetic choices demonstrate the highest quality of design.
4. Consider opportunities to apply new innovations on your own campus.
AIA Credits Possible: 1.5 LU
CM1.5
CPE Credits Possible: 1.5 units; Field of study: Social Environment of Business

3:15 PM–4:45 PM | 102 BC

Space limited! See below to confirm your space in advance!

Survival and Better—Resourcing and Marketing Your Strategies in Today’s World [CN250]
Presented by: Raymond Haas, Consultant in Private Practice & Professor Emeritus, University of Virginia
Convened by: Michael McGoff, Vice Provost, Undergraduate Education and Strategic & Fiscal Planning, State University of New York at Binghamton

Participants will discover solutions on this topic by comparing and combining their current experiences with both current and timeless literature. The facilitator will provide the literature in the form of a set of readings from a variety of disciplines and the participants (and the facilitator) will provide the experiences. There will be a brief presentation to set the stage, some leading questions, and the rest and vast majority will be a structured exchange of insights, ideas, and practical suggestions among experienced professionals. The goal is to provide an intellectual experience, but with an emphasis on the practical application of what’s discussed.

For advanced planners and administrators with 3+ years of experience. Participants are asked to read preparatory materials in advance to contribute fully to the conversation.
To access readings and confirm your space, visit: www.scup.org/page/45/rayhaasreadings

Learning Outcomes:
1. Identify techniques employed by organizations to resource their strategies when facing adversity in their external environment.
2. Identify techniques employed by organizations to market their strategies when facing adversity in their external environment.
3. Compare and contrast experiences and current and timeless literature as it pertains to resourcing and marketing institutional strategies during difficult times.
4. Discuss at least three resourcing strategies and/or marketing techniques that can be applied to your home institution.
AIA Credits Possible: 1.5 LU
CM1.5
CPE Credits Possible: 1.5 units; Field of study: Management Advisory Services

3:15 PM–4:45 PM | 101 H

Sustainable Campus as Pedagogy: Opportunities For Enhancing the Curriculum [CN139]
Presented by: Stephen Hardy, Planner, BNIM Architects; Stephen McDowell, Principal, BNIM Architects; David Orr, Chair, Environmental Studies Program, Oberlin College; Daniel Sniff, Associate Vice President, Facilities Planning, University of Georgia
Convened by: Louise McGinnis-Barber, Business Development Director, HDR CUH2A

The University of Georgia Odum School of Ecology and the Oberlin College Sustainable Arts District are two recent projects with high goals for environmental sustainability and energy use reduction. The design of these campuses and their built environments provide teaching and learning tools in both the sciences and arts. These two case studies demonstrate how to extend the efficacy of construction funds by conceiving facilities that go beyond functionality to active engagement of the curriculum.

Learning Outcomes:
1. Identify the roles that physical plant can play in the curriculum.
2. Maintain flexibility while creating specific learning opportunities.
3. Link sustainable design with curriculum in the sciences and the arts.
4. Debate the role that sustainable, teaching buildings might play in the larger campus and community context.
AIA Credits Possible: 1.5 LU HSW SD
CM1.5
CPE Credits Possible: 1.5 units; Field of study: Communications

3:15 PM–4:45 PM | 101 D

The Power of Community and Place—Medical Education in West Michigan [CN098]
Presented by: Eric DeLong, Deputy City Manager, City of Grand Rapids; Jeffrey Dwyer, Associate Dean for Research, Michigan State University; Michael Lauber, President, Ellenzweig; Elizabeth Lawrence, Assistant Dean Capital and Strategic Planning, Michigan State University; Richard Temple, Principal in Charge, Michigan Higher Education Practice, URS Corporation
Convened by: R. Douglas Parris, Partner, NBBJ

In a state with the highest unemployment in the nation, with limited state funding support, Michigan State University created a new center for medical education and research. This is the multi-year story of building community, community partnerships, creativity, and project delivery that made this new center possible. The story will be told by a diverse group of panelists, from community leader to research dean, academic administrator to architect—each of whom was instrumental in creating and realizing the vision.

Learning Outcomes:
1. Analyze the role of long-term partnerships and investment in the delivery and funding of a new medical education center for a state university.
2. Use a case study to observe theories of community put into practice.
3. Identify the role of place as a catalyst, driving decisions that go beyond its walls.
4. Explore the planning, design and delivery of a new medical school and the impact of research space requirements on its design.
AIA Credits Possible: 1.5 LU
CM1.5
CPE Credits Possible: 1.5 units; Field of study: Management Advisory Services

3:15 PM–4:45 PM | 101 IJ

Vision, Beauty and Fun: The Success of Embracing Collaborative Planning [CN169]
Presented by: Trina Mace Learned, Director of Facilities, Northfield Mount Hermon School; Barry Swigals, Managing Partner, Swigals + Partners, LLP
Convened by: James Germida, Vice Provost, Faculty Relations, University of Saskatchewan

The vision and beauty of a plan is achieved through the joy of a collaborative process. This begins with the ability to respect what is, develop a shared assessment of current environment(s) and challenges for institutional planning.

Learning Outcomes:
1. Analyze the role of long-term partnerships and challenges for institutional planning.
2. Use a case study to observe theories of community put into practice.
3. Identify the role of place as a catalyst, driving decisions that go beyond its walls.
4. Explore the planning, design and delivery of a new medical school and the impact of research space requirements on its design.
AIA Credits Possible: 1.5 LU
CM1.5
CPE Credits Possible: 1.5 units; Field of study: Management Advisory Services

3:15 PM–4:45 PM | 101 D

The Power of Community and Place—Medical Education in West Michigan [CN098]
Presented by: Eric DeLong, Deputy City Manager, City of Grand Rapids; Jeffrey Dwyer, Associate Dean for Research, Michigan State University; Michael Lauber, President, Ellenzweig; Elizabeth Lawrence, Assistant Dean Capital and Strategic Planning, Michigan State University; Richard Temple, Principal in Charge, Michigan Higher Education Practice, URS Corporation
Convened by: R. Douglas Parris, Partner, NBBJ

In a state with the highest unemployment in the nation, with limited state funding support, Michigan State University created a new center for medical education and research. This is the multi-year story of building community, community partnerships, creativity, and project delivery that made this new center possible. The story will be told by a diverse group of panelists, from community leader to research dean, academic administrator to architect—each of whom was instrumental in creating and realizing the vision.

Learning Outcomes:
1. Analyze the role of long-term partnerships and investment in the delivery and funding of a new medical education center for a state university.
2. Use a case study to observe theories of community put into practice.
3. Identify the role of place as a catalyst, driving decisions that go beyond its walls.
4. Explore the planning, design and delivery of a new medical school and the impact of research space requirements on its design.
AIA Credits Possible: 1.5 LU
CM1.5
CPE Credits Possible: 1.5 units; Field of study: Management Advisory Services

3:15 PM–4:45 PM | 101 IJ

Vision, Beauty and Fun: The Success of Embracing Collaborative Planning [CN169]
Presented by: Trina Mace Learned, Director of Facilities, Northfield Mount Hermon School; Barry Swigals, Managing Partner, Swigals + Partners, LLP
Convened by: James Germida, Vice Provost, Faculty Relations, University of Saskatchewan

The vision and beauty of a plan is achieved through the joy of a collaborative process. This begins with the ability to respect what is, develop a shared assessment of current environment(s) and challenges for institutional planning.

Learning Outcomes:
1. Analyze the role of long-term partnerships and challenges for institutional planning.
2. Use a case study to observe theories of community put into practice.
3. Identify the role of place as a catalyst, driving decisions that go beyond its walls.
4. Explore the planning, design and delivery of a new medical school and the impact of research space requirements on its design.
AIA Credits Possible: 1.5 LU
CM1.5
CPE Credits Possible: 1.5 units; Field of study: Management Advisory Services
4:45 PM–6:00 PM | Idea Marketplace

Wine & Cheese Reception

OPTIONAL TOURS

Tours depart from the Hilton Hotel. Please arrive 15 minutes prior to departure.

6:15 PM–7:45 PM
Optional Tour, Preregistration Required

University of St. Thomas Minneapolis Downtown Campus [CT006]

University of St. Thomas began offering classes in 1987 at a remodeled department store in downtown Minneapolis. In fall 1992, the university opened a permanent, $25 million, 150,000-square-foot campus at 1000 LaSalle Ave. This unique campus that has grown in the surrounding three city blocks has many attributes of a traditional campus in the downtown core of Minneapolis.

This walking tour includes guides.

Learning Outcomes:
1. Identify the unique challenges of locating a campus in the heart of a downtown core.
2. Describe the role that campus landscaping can play in creating a distinctive identity and in providing respite from a hectic urban area.
3. Judge the value of carrying an original architectural theme and maintaining it in the move to an urban campus.
4. Evaluate the role of public art in engaging a local community in the life of a campus.

AIA Credits Possible: 1.0 LU

CM|1

6:15 PM–7:45 PM
Optional Tour, Preregistration Required

Minneapolis Community and Technical College [CT005]

Created in 1996, under the umbrella of the Minnesota State Colleges and Universities (MnSCU) system, MCTC is the result of the merger of two institutions: a technical college with a long history of vocational education dating back to 1914 and an open-enrollment community college established in 1965. This campus is one of the largest urban public institutions serving over 12,000 students. The tour will highlight this unique co-location of 42 different technical and community college offerings in 1.2 million square feet. Space is also used for 4-year offerings from Metropolitan State University. Local architects will be present to discuss and explain each project’s unique challenges and opportunities. www.minneapolis.edu

This walking tour includes guides.

Learning Outcomes:
1. Evaluate the benefits of adaptive reuse of commercial buildings for academic purposes.
2. Describe the reasons for co-locating a library and a technology center in a single building to maximize the use of information resources services.
3. Identify the ways in which open space/parks can create connections between student life and the local community.
4. Recognize the complexities of providing courses that cover technical, community college, and 4-year academic programs in a single entity.

AIA Credits Possible: 1.0 LU

CM|1

6:15 PM–7:45 PM
Optional Tour, Preregistration Required

Target Field Stadium Tour [OE003]

Get a unique behind-the-scenes look at one of Major League Baseball’s newest ballparks, Target Field. Minnesota’s new one-million-square-foot, 40,000-seat, open-air ballpark features superior baseball sight lines from every seat and spectacular views of the Minneapolis skyline. Completed three months early, the new ballpark will be one of Major League Baseball’s most environmentally friendly ballparks with a variety of sustainable materials and methods incorporated into design and construction. The project is registered with the USGBC with a goal of LEED Certification. Join colleagues from Mortenson Construction and HGA Architects with ballpark tour guides for a narrated, up-close, behind-the-scenes, tour of the ballpark complete with baseball history, anecdotes, and fun facts about Target Field. Tours cover a distance of approximately one mile so proper walking apparel is recommended.
TUESDAY, JULY 13

7:00 AM–1:00 PM
Idea Marketplace Open—Last Chance to Visit!

7:00 AM–8:15 AM | Idea Marketplace
Continental Breakfast

CONCURRENT SESSIONS

8:30 AM–10:00 AM | 102 F | Vendor Presentation
“Rapid Conceptualization” Path to Scientific Funding . . . [CN247]
Presented by: Rockford Denny, Senior Planner, URS Corporation; Kenneth Dietz, Architect & Director, University of Louisville; Chris Whitney, Vice President, Architecture, URS Corporation
Convened by: Rayford Law, Lead Designer, Einhorn Yaffee Prescott Architecture & Engineering P.C.

Responding to this year’s ARRA grant funding opportunity necessitated using every approach of “rapid conceptualization” available: defining, illustrating, and packaging applications for projects of significant complexity. Researchers, campus planners, architects and engineers worked in concert to complete applications within as little as eight weeks. We will present three stories from the aspect of the university architect, office of the Dean, and the architects/engineers. Each presenter will give their account of the roles and activities.

Learning Outcomes:
1. Explore the use of “Rapid Conceptualization” to accelerate definition and consensus of core needs for grant application submittals.
2. Identify six basic elements of the documentation of ideas.
3. Balance facilities needs in renovation with grant expectations.
4. Create jobs and discover other underlying untold requirements.

AIA Credits Possible: 1.5 LU
CM1.5
CPE Credits Possible: 1.5 units; Field of study: Production

8:30 AM–10:00 AM | 101 D
Achieving Strategic Alignment [CN249]
Presented by: Michael Bequette, Vice President, Teaching & Learning, Rochester Community and Technical College; Marilyn Hansmann, Vice President, Finance & Facilities, Rochester Community and Technical College; Dave Weber, Chief, Strategic Operations, Rochester Community and Technical College
Convened by: Mark Curachack, Associate Vice President for Planning & Assessment, Arcadia University

The pressure to be accountable and demonstrate organizational performance and student success continues to increase. To meet this challenge, institutions need to develop new approaches that align strategies, resources, people, and measures with strategic goals. Learn how Rochester Community and Technical College (MN) has created an integrated planning and accountability system linking college, division, and academic and nonacademic dashboards to assess and track performance supporting continuous improvement and innovation.

Learning Outcomes:
1. Discover tips to align strategy, resources, people, and processes at the College, division, and departmental levels.
2. Discover a planning tool to draw all stakeholders into change and continuous improvement efforts.
3. Acquire new approaches to meet accountability requirements of internal and external stakeholders.
4. Systematize planning, continuous improvement, innovation and change efforts.

AIA Credits Possible: 1.5 LU
CM1.5
CPE Credits Possible: 1.5 units; Field of study: Management Advisory Services

8:30 AM–10:00 AM | 101 AB
Campus Heritage Builders [CN009]
Presented by: Richard Burnstead, University Planner, University of Chicago; Thomas Contos, University Architect, Washington and Lee University; Joan Goodrich, Vice President, Planning & Special Programs, Bennington College; Mark Maves, Associate Principal, Ayers/Saint/Gross Architects & Planners; Sal Rinella; Robert Sabbatini, Planner, Designer, Robert Sabbatini AICP FASLA
Convened by: L. Carole Wharton, President, L. Carole Wharton, LLC

This session will present SCUP’s Getty Foundation-funded Campus Heritage project, its purpose, and its findings of value to campus planners. Presenters will showcase model projects from SCUP’s campus heritage website. Drawing from grant recipients’ experiences, the panel will include lessons learned from projects of various types, including landscape preservation planning, integration of heritage plans with master plans, documentation methodologies, policy, and maintenance manuals, and engaging the campus, its communities and decision-makers.

Learning Outcomes:
1. Integrate heritage planning with master planning.
2. Unite operations and administration awareness with preservation objectives (Maintenance manuals, policies and procedures).
3. Engage campus communities, neighbors, and decision-makers as advocates.
4. Identify expertise for assistance in heritage planning.

AIA Credits Possible: 1.5 LU
CM1.5
CPE Credits Possible: 1.5 units; Field of study: Social Environment of Business

8:30 AM–10:00 AM | 101 C
Integrated Project Delivery—A Catalyst for Collaboration/Planning [CN091]
Presented by: George Austin, Project Manager, Wisconsin Alumni Research Foundation; Peter Heaslett, Architectural Engineer, University of Wisconsin-Madison; Jeff Madden, Construction Executive, Mortenson Construction; Jeff Olson, Principal, Fentress Architects
Convened by: Daniel Kemme, Principal, Dekker/Perich/Sabatini

Integrated Project Delivery (IPD) and Virtual Design Construction (VDC) are the buzz of the A/E/C industry. This presentation will explore IPD including how it is implemented, contract structures, team arrangements, and processes. The UW-Madison Wisconsin Institute for Discovery / Morgridge Institute for Research (WID/MIR) and University of CO Denver—Anschutz Medical Campus Research II will serve as case studies for an exploration of the challenges and benefits of implementing IPD on projects. In addition, the role of VDC in facilitating the IPD process will be presented in detail.

Learning Outcomes:
1. Define Integrated Project Delivery (IPD) including the various contract options available, and compare IPD to traditional delivery methods.
2. Identify the benefits and challenges of IPD implementation.
3. Discuss the role of Virtual Design & Construction (VDC) in IPD.
4. Evaluate how different delivery methods fit different projects.

AIA Credits Possible: 1.5 LU
CM1.5
CPE Credits Possible: 1.5 units; Field of study: Management Advisory Services

8:30 AM–10:00 AM | 101 E
Multi-Faith Religious Space: The Solution to Diverse Campus Religious Pressures [CN084]
Presented by: K.P. Hong, Assistant Director for Religious and Spiritual Life and Protestant Chaplain, Macalester College; Karla Johnson, Principal, Johnson Roberts Associates, Inc.; Peter Laurence, Executive Director, The Education and Transformation Project, Wellesley College; Robert Randolph, Chaplain to the Institute, Massachusetts Institute of Technology; Roger Wakeman, Director, Facilities, Phillips Exeter Academy
Convened by: Clifford Carey, Associate, Ratio Architects, Inc.
Has your campus had to face the question of how to provide space or facilities for diverse religious groups such as Muslims, Buddhists, Christians, Jews, etc.? This presentation will identify the space needs and illustrate how five institutions have provided for these diverse needs. Topics will include the juxtaposition of spaces for religions that have histories of conflict, the lack of comprehensive guidelines, the difficulties of finding appropriate plumbing fixtures for different cultural ablution requirements, and the benefits/drawbacks of shared space.

**Learning Outcomes:**
1. Identify differences and similarities in the facilities and spaces needed for different religious groups, including cultural differences that exist within the same religions.
2. Design appropriate locations and spaces that are a good “fit” for specific religious rituals and practices.
3. Analyze the trade-offs between ‘one space fits all’ and separate spaces for each religion.
4. Discuss approaches, trends, and strategies being used to integrate religious facilities into campus life.

AIA Credits Possible: 1.5 LU
CM|1.5
CPE Credits Possible: 1.5 units; Field of study: Management Advisory Services

---

8:30 AM–10:00 AM | 102 A

**Places for Collaboration: Art Buildings as Models for Collaborative Spaces** ([CN138](#))

*Presented by:* Jeffrey Mandyck, Principal, Meyer, Scherer & Rockcastle, Ltd; Thomas Meyer, Principal, Meyer, Scherer & Rockcastle, Ltd; Steve Richardson, Director of the Arts, Carleton College; Garth Rockcastle, Dean, School of Architecture, Planning and Preservation, University of Maryland

*Convened by:* Daniel Safarik, Marketing Coordinator, Pugh + Scarpa Architects, Inc.

Carleton’s academic vision for its proposed Arts Union is “to relocate the arts physically and intellectually in the curriculum... by creating an environment that fosters creativity, critical thinking, collaborative working skills, and cross cultural exploration.” The site for this ambitious vision is an off-campus accredited middle school complex dating from 1910, 1934, and 1954. This session will illustrate how nontraditional, unlikely, messy spaces can be an ideal place for creative, cross-disciplinary, and collaborative learning.

**Learning Outcomes:**
1. Repurpose non-collegiate and seemingly unpromising spaces into desirable, creative, and collaborative learning places, as well as exploring the potential and limits of cross-disciplinary building organization.
2. Examine the sustainable and environmental advantages (and cautions) of reusing nontraditional buildings.
3. Revise project budgets, schedules, and designs in response to recession.
4. Discuss the advantages of letting the building shape the program—as opposed to the more typical reverse.

AIA Credits Possible: 1.5 LU
CM|1.5
CPE Credits Possible: 1.5 units; Field of study: Management Advisory Services

---

8:30 AM–10:00 AM | 102 FG

**Planning the Next Generation Library: User-Driven, Technology-Rich, and Resource-Savvy** ([CN202](#))

*Presented by:* Carolyn Axtman, Associate Director, Architecture, North Carolina State University; H. Clymer Cease, Partner, Pearce Brinkley Cease + Lee Architecture; Craig Dykers, Principal, SNHETTA; Elliot Felix, Associate Director, DEGW North America; Susan Nutter, Vice Provost and Director of Libraries, North Carolina State University

*Convened by:* Joshua Stowers, Associate, MS&R, Ltd

How can a library sustain growing engineering programs, connect disparate buildings and groups on an emerging campus, house 50% of the university’s books and journals, and support a diverse user base in a signature building? To answer this question, NC State worked with Snøhetta, PBC+L, and DEGW in an innovative planning process that resulted in a network of spaces to foster learning, discovery, and interaction; strategies for sharing spaces across groups; and a space-saving Automated Retrieval System (ARS).

**Learning Outcomes:**
1. Engage library users and staff in library planning and design.
2. Balance library user space needs with the storage/retrieval space needs of the physical library collection.
3. Create and sustain consensus and synergy across groups so that resources can go further as space, technology, and equipment are shared.
4. Imagine libraries, and indeed campuses, holistically, as networks of spaces that must work together to support learning, discovery, and interaction as a “Learning Landscape.”

CM|1.5
CPE Credits Possible: 1.5 units; Field of study: Management and Organization

---

8:30 AM–10:00 AM | 102 DE

**Smart Change: Tools for Strategic Planning and Adaptive Change ([CN061](#))**

*Presented by:* Linda Baer, Senior Vice Chancellor, Academic & Student Affairs, Minnesota State Colleges & Universities System Office; Judith Ramaley, President, Winona State University

*Convened by:* Minakshi Amundsen, University Planner, Cornell University

As universities and colleges face ever-increasing expectations and demands from many constituencies, it is imperative to find new ways to organize and manage the change process and to promote broad application of “smart” or transformational change principles throughout our institutions. This session will examine how a set of common system-wide strategic directions can articulate effectively and productively with the institutional challenges, priorities and identities of the campuses that make up the Minnesota State College and University System (MNSCU).

**Learning Outcomes:**
1. Explore the principles of smart change that support a transformative change agenda.
2. Align system-level strategic directions with direction goals and targets at the campus level.
3. Assess the president’s annual workplan through a dashboard template.
4. Develop self-organizing and self-sustaining collaborative models that create the capacity for continuous improvement.

AIA Credits Possible: 1.5 LU
CM|1.5
CPE Credits Possible: 1.5 units; Field of study: Social Environment of Business

---

8:30 AM–10:00 AM | 102 BC

**Stalled, Squeezed, Shelved: Finding Project Momentum in a Wobbly World ([CN037](#))**

*Presented by:* Pamela Delphenech, Director, Campus Planning & Design, Massachusetts Institute of Technology; David Frassinelli, Assistant Vice President & Director of Facilities, Fairfield University; Francis Hayes, Vice President, Shawmut Design and Construction; Jon Jackson, Principal, Bohlin Cywinski Jackson Architects

*Convened by:* Lawrence Gleason, Vice President, Cost, Planning & Management International, Inc.

As a panel of experts who represent a cross-section of planning, design and construction team members, we will present three scenarios that get to the heart of the economic reality of declining resources. Topics will include declining staff, reduction in pre-established project budgets, and indefinite suspension of projects. Through role playing, attendees will participate as trustees, planners, architects, builders, or facilities managers to solve one of three case studies profiling these and similar current issues.
Learning Outcomes:
1. Maintain project momentum through analysis of the forces that jeopardize project execution.
2. Identify funding sources and new partnerships to ensure construction of needed facilities.
3. Recognize the patterns of decision making among the members of a team.
4. Distill data to determine major priorities within a project, thus finding ways to do more with less.
AIA Credits Possible: 1.5 LU
CM|1.5
CPE Credits Possible: 1.5 units; Field of study: Finance

8:30 AM–10:00 AM | 101 IJ
Space limited! See below to confirm your space in advance!

Survival and Better—Resourcing and Marketing Your Strategies in Today’s World [CN242]
Presented by: Raymond Haas, Consultant in Private Practice & Professor Emeritus, University of Virginia
Convened by: Maryellen Fitzgibbon, Senior Planner, Harvard University
Participants will discover solutions on this topic by comparing and combining their current experiences with both current and timeless literature. The facilitator will provide the literature in the form of a set of readings from a variety of disciplines and the participants (and the facilitator) will provide the experiences. There will be a brief presentation to set the stage, some leading questions, and the rest and vast majority will be a structured exchange of insights, ideas, and practical suggestions among experienced professionals.

Learning Outcomes:
1. Identify strategies that organizations have employed to survive, and perhaps improve, when facing adversity in their external environment.
2. Identify planning activities that can increase the probability that a planning process will gain organizational support and acceptance during periods of adversity.
3. Compare and contrast experiences and current and timeless literature as it pertains to institutional strategy formulation during difficult times.
4. Discuss at least three strategies and/or strategy formulation techniques that can be applied to your home institution.
AIA Credits Possible: 1.5 LU
CM|1.5
CPE Credits Possible: 1.5 units; Field of study: Management Advisory Services

8:30 AM–10:00 AM | 101 H
The Business of Being Boldly Sustainable [CN006]
Presented by: Peter Bardaglio, Senior Fellow, Second Nature, Inc.
Convened by: Ken Pirie, Associate, Walker Macy
Sustainability isn’t just about doing the right thing; it’s about doing the smart thing. And doing the smart thing as a planner means treating sustainability as a strategic imperative that’s woven throughout your short and long-term plans, rather than as a separate priority. Peter Bardaglio, co-author of Boldly Sustainable: Hope and Opportunity for Higher Education in the Age of Climate Change and former provost at Ithaca College, will explain how such an approach can improve organizational effectiveness, making your institution more resilient and competitive. He will then facilitate a series of exercises you can bring back to your campus to help your colleagues understand what it means to make sustainability central to strategic planning rather than just an afterthought.

Learning Outcomes:
1. Infuse sustainability as a strategic imperative throughout your campus planning process.
2. Use sustainability to make your institution more resilient and competitive.
3. Discuss practical methods to integrate sustainability with your campus strategic planning.
4. Reflect on the opportunities and barriers to making your campus more sustainable.
AIA Credits Possible: 1.5 LU
CM|1.5
CPE Credits Possible: 1.5 units; Field of study: Business Management and Organization

10:00 AM–10:30 AM | Idea Marketplace
Refreshment Break

CONCURRENT SESSIONS

10:30 AM–11:30 AM | 101 H
A New Vision for the Core Campus at Clemson University [CN048]
Presented by: Joe Atkins, Associate Principal, VMD0 Architects; David Oakland, Principal, VMD0 Architects; Gerald Vander Mey, Director, University Planning & Design, Clemson University
Convened by: Jennifer Jones, Principal, Carol R. Johnson Associates, Inc.
Clemson has set out to fundamentally redevelop its campus core. The presentation focuses on this ambitious transformation. It explores innovative mixed-use planning approaches; assesses bold, but careful, proposals for increased density; reflects campus design principles for social and intellectual interaction, respect for campus culture and history, and commitment to sustainability; and describes how housing, academic, dining, and student life programs can be combined into a dynamic center of campus life for a public school poised to break into the top-twenty.

Learning Outcomes:
1. Discuss the challenges and opportunities encountered when a campus redevelopment is charged with embodying and expressing the values and identity of the campus as a whole.
2. Discover how planning concepts that place the “landscape first” can establish an effective campus order and provide a range of outdoor spaces to promote interaction on a variety of scales.
3. Assess unique problems in large, multi-phased projects relative to funding and implementation.
4. Identify issues related to mixed-use development—including strategic overlaps of traditionally separate campus operations (e.g. housing, academic, dining, and student life).
AIA Credits Possible: 1.0 LU
CM|1
CPE Credits Possible: 1.0 unit; Field of study: Management Advisory Services

10:30 AM–11:30 AM | 101 C
Assessing the Internal and External Variables That Contribute to Institutional Risk in Support of a “Risk Scorecard” [CN013]
Presented by: Robert Sevier, Senior Vice President, Strategy, STAMATS Inc.
Convened by: Robert Kitamura, Director, Facilities Planning, California Polytechnic State University-San Luis Obispo
Drawing on literature and client work, we will outline the internal and external variables that contribute to institutional risk in support of the creation of a weighted “Risk Scorecard” as part of a comprehensive situation analysis. In building the scorecard, we will examine such internal variables as leadership, visioning and strategic planning, governance, finance, and discount rate. We will then look at level of competition, differentiation, demography, student recruiting, state support, and donor support. These datasets will be arrayed in a Risk Scorecard.
Learning Outcomes:
1. Discuss understandings of institutional risk.
2. Identify internal and external risk variables.
3. Use identified variables to create a Risk Scorecard for your institution.
4. Develop a Risk Profile as a critical component of overall situation analysis.
AIA Credits Possible: 1.0 LU
CPE Credits Possible: 1.0 unit; Field of study: Management Advisory Services

10:30 AM–11:30 AM | 102 F
Campuses That Heal [CN257]
Presented by: Kristin Raab, Adjunct Assistant Professor, Department of Landscape Architecture, University of Minnesota
Convened by: Clinton Hewitt, Professor Emeritus, University of Minnesota - Twin Cities
How can campuses be shaped to positively influence human health, and specifically alleviate stress? Clearly the environment plays an important role in well-being. We often visit special places or landscapes to recharge or get away from our daily troubles. Research supports the idea that certain environments can aid in our recovery from stress and mental exhaustion. Stress not only impacts a student’s physical and psychological well-being, it may hurt academic achievement and grades. In a 2007 University of Minnesota Boynton Health survey, 70% of students reported being stressed, and of those who were stressed, 33% said that stress was impacting their academic performance. SCUP Past President Clint Hewitt’s former landscape architecture student explores research on healing/mental restoration and the environment and its application to campus design.
Learning Outcomes:
1. Assess the importance of healing environments on campuses.
2. Discuss theories of how healing environments work.
3. Identify qualities of healing environments.
4. Demonstrate the application of healing qualities to a campus site.
AIA Credits Possible 1.0 LU HSW
CME Credits Possible: 1.0 unit; Field of study: Business Management and Organization

10:30 AM–11:30 AM | 102 DE
Creating a Community College for the District of Columbia [CN182]
Convened by: Mark Devaney, Director, Business Development & Marketing, Langan Engineering & Environmental Services
The University of the District of Columbia has provided both two year and four year programs. A new UDC administration decided to create a separate community college within the UDC system. The new community college CEO will describe the planning taking place to create the two year college. The architectural and planning consultants to UDC and CCDC will describe the very accelerated process that is being undertaken to quantify the districtwide needs and evaluate the first CCDC site location.
Learning Outcomes:
1. Identify issues affecting academic mix for a new community college.
2. Determine faculty and administrative staffing needs for a new institution.
3. Organize macro space needs by major space category.
4. Resolve issues impacting conversion of an abandoned school site to a community college headquarters.
AIA Credits Possible: 1.0 LU
CME Credits Possible: 1.0 unit; Field of study: Production

10:30 AM–11:30 AM | 101 AB
Hardwiring Flexibility into a Strategic Plan’s Implementation: Strategies, Risks, and Rewards [CN011]
Presented by: Jo Allen, Senior Vice President, Office of the Provost, Widener University; Joseph Baker, Senior Vice President, Administration & Finance, Widener University
Convened by: Danielle McGuire, Sr. Project Manager, Skidmore, Owings & Merrill LLP
A university’s strategic plan sets the direction of the institution in accordance with its mission and vision, provided the people, culture, and processes attend to its directives. The reality, however, is that institutions and plans need some flexibility due to unknowable obstacles, just as much as they need structure and continuity to advance the implementation and reassure stakeholders. We’ll describe Widener University’s use of well-planned transitional phases that have allowed us to engage different stakeholders, adjust expectations, recommit to our ultimate goals, and celebrate our successes in our 10-year strategic plan.
Learning Outcomes:
1. Use plan flexibility to create participant buy-in.
2. Preserve plan structure and accountability, even in the face of the plan’s transitions.
3. Use specific mechanisms to design transitions in plan content, people involved, timelines, accountability, and resources needed.
CME Credits Possible: 1.0 unit; Field of study: Business Management and Organization

10:30 AM–11:30 AM | 102 A
Legacy System to Integrated Information System in Record Time! [CN179]
Presented by: Michael McGoff, Vice Provost, Undergraduate Education and Strategic & Fiscal Planning, State University of New York at Binghamton; James Van Voorst, Vice President, Administration, Binghamton University
Convened by: Miguel Romo, Director, Mixel Consulting
There are many reasons to replace a legacy computer system with an integrated student information system, but the hurdles can be substantial. Resistance from IT staff invested in the legacy system they built, in addition to resistance from faculty and other staff who do not want to change from the familiar to the unfamiliar can present...
obstacles which are difficult to surmount. Learn how one university focused hundreds of stakeholders to move from a 45-year-old legacy system to a modern, integrated student information system through a clear vision, open and frank communication, and a strong commitment to temporarily forego some bells and whistles in favor of a working enterprise-wide solution in a relatively short period of time.

Learning Outcomes:
1. Discover how a fully operational student information system can become accepted university-wide as an attainable objective.
2. Explore how a clear vision with open and frank communication from the highest levels reduces resistance to change, and builds focus toward a common goal.
3. Discover how appropriately prepared user-groups can turn a department into a mini-institutional research office and make it more self-sufficient.
4. Observe that mistakes can eventually be overcome by empowering the functional designers to solve issues collectively.

CM
CPE Credits Possible: 1.0 unit; Field of study: Computer Science

10:30 AM–11:30 AM | 101 JJ
Maximizing Land Utilization Through Creative Campus Planning and Development [CN191]

Presented by: Patrick Brawley, Site Designer, JUR, LLC; Wayne Magdziarz, Vice President, Capital Planning & Chief of Staff, Loyola University Chicago; Paul Wiese, Vice President, JUR, LLC

Convened by: Jay Kahn, Vice President for Finance & Planning, Keene State College

Funding for campus enhancement will continue to be a challenge in this economy. Discover how creative real estate and campus planning can unlock resources to maximize the campus experience when addressing operational, infrastructure, and capital initiatives. Best management practices will be identified to assist institutions in identifying and implementing sustainable enhancement opportunities on their own campuses.

Learning Outcomes:
1. Discover best management practices for identifying existing resources on campus.
2. Examine the concept of vertical campus enhancements that utilize less land and resources than horizontal development.
3. Discuss town gown partnerships as a means to enriching the campus experience.
4. Unlock real estate values in order to make unproductive assets contribute to your core business.

AIA Credits Possible: 1.0 LU
CMI
CPE Credits Possible: 1.0 unit; Field of study: Finance

10:30 AM–11:30 AM | 102 BC
Multidisciplinary Learning, Sustainable Environments and Architectural Design = Positive Educational Experience [CN056]

Presented by: Joseph Coriaty, Partner, Frederick Fisher & Partners Architects; Peter Schröder, Professor, Computer Science and Applied & Computational Mathematics, California Institute of Technology; John Zinner, Principal, Zinner Consultants

Convened by: Jeanne Narum, Founding Director, Project Kaleidoscope

Perspectives from education, sustainability, and design will demonstrate ways in which multidisciplinary learning and domestically-formed learning environments may deinstitutionalize the educational process and promote sharing amongst faculty members and their associated research groups. Incorporating sustainable classroom environments and pursuing an open and interactive design process for new classroom buildings promotes a creative, operationally-efficient, and more positive learning/teaching experience. The merit of these methods as implemented on recent projects will be presented and analyzed.

Learning Outcomes:
1. Demonstrate how multi-disciplinary learning and deinstitutionalized learning environments improve the educational process.
2. Illustrate how specific sustainable features such as abundant daylight, view corridors, creature comforts, and acoustics can improve the classroom experience.
3. Evaluate the promotion of educational transparency through the collaborative educational experience from the perspective of curriculum, environment and facility.
4. Identify the current needs of multi-use learning environments in order to control operational flexibility and efficiency.

AIA Credits Possible 1.0 LU HSW
CMI
CPE Credits Possible: 1.0 unit; Field of study: Business Management and Organization

10:30 AM–11:30 AM | 101 FG
The Nanaimo Campus Master Plan: Planning a Sustainable Campus Through Integrated Strategies, The 2010 SCUP Award for Institutional Innovation and Integration [CN253]

Presented by: Roger Du Toit, Principal, du Toit Allsopp Hillier; Ric Kelm, Executive Director, Facilities Services & Campus Development, Vancouver Island University; Mark Mehrer, Principal, Resource Planning Group Inc.

Convened by: Philip Stack, Associate Vice President, Risk Management Services, University of Alberta

The Nanaimo Campus Master Plan is guiding Vancouver Island University in its successful emergence as a national leader in education, community development and environmental practices. Crafting a superior teaching and learning environment through holistic campus development is the result of a multifaceted consultative process that has its roots in deliberate and thorough pre-planning. How this planning can ensure the development of a functionally synergistic and operationally efficient campus will be discussed.

Learning Outcomes:
1. Analyze how the integrated planning process addresses the quadruple bottom line—cultural, economic, environmental, and social factors.
2. Demonstrate how a well-defined framework facilitates the process of multiple, overlapping consultation with local and regional constituents.
3. Explore emerging social, demographic, technological and environmental conditions and trends in order to create a flexible, open-ended plan.
4. Recognize the positive impact of encouraging and promoting constructive discussion between constituents in order to create a responsive, proactive institution.

AIA Credits Possible: 1.0 LU
CMI
CPE Credits Possible: 1.0 unit; Field of study: Management Advisory Services

10:30 AM–11:30 AM | 101 D
Res Life Must Go On [CN184]

Presented by: Megan Browning, Senior Vice President, George K. Baum & Company; Ted Curtis, Vice President for Capital Planning and Management, University of Akron; Douglas Hyde, Director, Douglas Hyde Design; Jeffrey Schimmel, President, Mantra Living

Convened by: John White, Assistant Vice Chancellor for Capital Development Capital Planning & Space Management, University of California Merced

Given the current economic climate and steady increase in student enrollment, how can colleges and universities keep pace with the demands of their residential life programs? What creative financial models, trends and partnerships are emerging? How can institutions use these models to ensure they respond appropriately and make the most of endowment dollars? What are the risks and benefits to a new construct in residence life planning and how can institutions respond quickly to the pressing needs of their constituents?
Learning Outcomes:
1. Discuss current challenges being experienced by colleges and universities, and their Residential Life programs.
2. Identify inventive and creative architect/client/developer initiatives that are emerging.
3. Use creative processes and partnerships to apply these new initiatives and financial models on your campus.
4. Finance and build student housing that will support the academic and financial missions of the institution.

AIA Credits Possible: 1.0 LU
CM1
CPE Credits Possible: 1.0 unit; Field of study: Marketing

1:00 PM | Idea Marketplace
Idea Marketplace Teardown

CONCURRENT SESSIONS

1:00 PM–2:00 PM | 101 FG
Blurring the Boundaries: University High School of Science and Engineering (CN233)
Presented by: Alan Hadad, Associate Vice President and Dean of Magnet Schools, University of Hartford; James LaPosta, Principal, Chief Architectural Officer, JCJ Architecture
Convened by: Steven Gift, Architect & Principal, Hanbury Evans Wright Vlattas + Company

The development of the University High School of Science and Engineering will be traced from its planning grant in 2003 through the opening of its permanent facility in 2009 on the main campus of the University of Hartford. This session will explore the challenges, opportunities and benefits of developing a public magnet high school in partnership with a private university, urban and suburban school districts, state agencies and a private foundation.

Learning Outcomes:
1. Explore the process of joint school district / university planning.
2. Investigate the ways that university objectives were preserved through the varied phases of concept and program development, design, value management, and implementation.
3. Examine the methods used to supplement a STEM high school curriculum with college faculty and resources.
4. Identify the various funding strategies used to develop this project.

AIA Credits Possible: 1.0 LU
CM1
CPE Credits Possible: 1.0 unit; Field of study: Production

1:00 PM–2:00 PM | 102 F
Creating a 180-Degree Turnaround in User Satisfaction With Home-Grown Software (CN128)
Presented by: Michael Hites, Associate Vice President, Administrative Information Technology Services, University of Illinois
Convened by: Claudine Keenan, Chief Planning Officer, The Richard Stockton College of New Jersey

Participating in large IT projects is similar to participating in large capital projects, and their success directly impacts an organization’s goals. From designing the software to “going live” with a new system, the organization is invested in the outcome. The University of Illinois created a new web-based front end for HR, processing 15,000 transactions monthly using hundreds of complex business rules with unprecedented user satisfaction. This intense, challenging, and often provoking multi-campus collaboration is a model for effectively changing business processes.

Learning Outcomes:
1. Differentiate between good and bad IT implementation processes and know when to intervene with a project that is failing to make progress.
2. Determine the metrics and measures that make a successful IT project.
3. Ensure active participation in producing software and services that meet the organization’s needs.
4. Compare techniques for widespread collaboration that still results in effective decision-making and progress.

CM1
CPE Credits Possible: 1.0 unit; Field of study: Computer Science

1:00 PM–2:00 PM | 102 A
Embracing Continuity and Change: Penn State Brandywine’s Planning Approach (CN101)
Presented by: Sophia Wisniewska, Chancellor, Penn State Brandywine; Lisa Yerges, Director of Business Services, Penn State Brandywine
Convened by: Terry Brown, Senior Laboratory Consultant, Research Facilities Design

The key to thriving as a campus—to survival and success—depends on finding the appropriate mix of continuity and change, of tradition and innovation. Penn State Brandywine has created a unified vision for both short- and long-term goals, with scenarios that allow for unforeseen environmental changes. This planning approach takes into account a broad base of internal and external stakeholders, tests existing assumptions, produces cohesive themes and implementation strategies, and monitors ongoing activity in support of identified goals.

Learning Outcomes:
1. Energize planning, community support, and even fundraising by bringing a wide array of stakeholders into your strategic planning process.
2. Develop and implement a holistic planning approach to create a unified vision, set goals, aid financial support, and gain a competitive edge.
3. Use planning tools and exercises, such as learning journeys, assumption testing, and global mind mapping to develop a shared vision and key goals.
4. Identify the challenges of planning in times of uncertainty and discover how to introduce scenario forecasting into the planning process.

AIA Credits Possible: 1.0 LU
CM1
CPE Credits Possible: 1.0 unit; Field of study: Social Environment of Business

1:00 PM–2:00 PM | 101 C
Funding Higher Education Facility Preservation: A Streamlined Comparative Condition Framework for All State Facilities (CN154)
Presented by: Karen Barrett, Senior Policy & Information Technology Consultant, Washington Department of Information Services; Eric Meng, Principal Architect, MENG Analysis
Convened by: Lori Thompson, Director, Physical Facilities, Saint Louis Community College

This session presents a streamlined method for analyzing and comparing the conditions of all state higher education facilities in order to prioritize funding for facility preservation and renewal. The legislature desired a better picture of the state’s large facility inventory, but could not afford a condition study that relied on traditional survey methods. Instead, they developed a streamlined method that gathers the condition data from the various institutions then translates it to a common, comparative, qualitative-rating, and then statistically projects the backlog of maintenance and repair project costs. Since its development in 2002, the state has renewed this comparative framework database four times, using the information for budget decisions at both the state and the institutional levels. This session will describe the unique methodology for the collecting and projecting of facility needs at a fraction of the cost of traditional methods. It will also discuss how the legislature, the governor’s budget process, and the institutions have since been able to use this information for planning and funding capital projects.
Learning Outcomes:
1. Discover an alternative, more efficient method to gather and analyze statewide facility condition information.
2. Identify national standards and methods for evaluating facility conditions.
3. Prepare budget projections based on streamlined comparative statistical information.
4. Save costs and time in gathering facility information for large inventories at either the institutional or statewide level.
AIA Credits Possible: 1.0 LU
CPE Credits Possible: 1.0 unit; Field of study: Finance

1:00 PM–2:00 PM | 102 BC
Funding the Future: Making the Most of Federal Grants [CN136]
Presented by: Mark Wells, Assistant Dean, Facilities, University of Wisconsin-Madison
Convened by: Lisa Johnson, Principal, DLR Group
Lean economic times require aggressive pursuit of federal funding. The initial phase of the $500 million Wisconsin Institutes for Medical Research project, an interdisciplinarian, medical science facility, was supported by federal grants of $17 million. With a focus on grant writing and administration, this session offers inside perspectives on the challenges and opportunities of bringing together interdisciplinary research and federal funds at a major university, and integrating leadership across corporate, state, academic, and administrative lines.
Learning Outcomes:
1. Organize and lead a successful federal facilities grant application team.
2. Analyze sample data from successful federal facilities grant awards.
3. Identify opportunities available through the “American Recovery and Reinvestment Act of 2009.”
4. Discuss strategies and pitfalls for successful awards.
AIA Credits Possible: 1.0 LU
CPE Credits Possible: 1.0 unit; Field of study: Finance

1:00 PM–2:00 PM | 102 DE
How Do Smart Meters Make a University More Intelligent [CN240]
Presented by: James Morrison, Director, Strategic Planning and Campus Sustainability, University of Mississippi; Darren Raybourn, Director, Campus Solutions, SmartSynch, Inc.; Larry Sparks, Vice Chancellor, Administration & Finance, University of Mississippi
Convened by: Charles Mumme, Architect & Senior Associate, Flad Architects
The University of Mississippi’s (UM) enhanced energy management plan and recent deployment of smart grid technology has enabled the university to monitor energy consumption real-time, track building power performance over time, and archive data for future analysis and planning. Additionally, UM is utilizing social networking tools to engage students, staff, and faculty in a collective effort to reduce the campus’ power consumption levels. Obtain the details on the overall energy management project, including the technology selection and implementation process, early success stories, challenges, and long-term goals and expectations.
Learning Outcomes:
1. Discuss the efforts and resources required to integrate smart meter technology into a campus energy management program.
2. Distinguish what energy usage data and benchmarks are important to analyze to support financial resource allocation decisions.
3. Improve your institution’s ability to identify opportunities for increased operational efficiencies using real-time energy usage data.
4. Examine how incentive programs and social networking tools such as Facebook, Twitter, and RSS feed to engage a university community in lowering its carbon footprint.
AIA Credits Possible: 1.0 LU HSW SD
CPE Credits Possible: 1.0 unit; Field of study: Business Management and Organization

1:00 PM–2:00 PM | 101 H
Implementing Academic Analytics: Promise and Performance [CN068]
Presented by: Dean Carlson, Capital Planner, University of Minnesota Twin Cities; J.P. Hagerty, Assistant to the Vice President, University of Minnesota Twin Cities; Robert Kvavik, Associate Vice President, University of Minnesota Twin Cities
Convened by: Philip Chen, Principal, Ann Beha Architects
Academic analytics connect strategic management, metrics and measurement, business processes, quality improvement, and decision support using business intelligence methodologies and tools for collection, integration, and analysis of information. The session describes steps taken to implement academic analytics at the University of Minnesota, challenges to their acceptance and use, and recommendations for successful implementation.
Learning Outcomes:
1. Advance planning and decision support by using Academic Analytics.
2. Discuss the barriers and challenges to implementing Academic Analytics.
3. Discover the steps that must be taken for a successful implementation of Academic Analytics.
4. Identify the key resources—tools, people, financing—that are needed for Academic Analytics to be successful.
AIA Credits Possible: 1.0 LU
CPE Credits Possible: 1.0 unit; Field of study: Business Management and Organization

1:00 PM–2:00 PM | 101 E
Master Planning for a Sustainable Marine Science Campus at UCSC [CN215]
Presented by: Damon Adlao, Project Manager, Assistant Planner, University of California-Santa Cruz; J. Douglas Macy, Landscape Architect & Principal, Walker Macy; Richard Wheaton, Principal, The Miller/Hull Partnership
Convened by: H Jarboe, Director, Business Development, McCarthy Building Companies, Inc.
The Marine Science Campus at UC Santa Cruz is engaged in critically important research activity for the understanding and protection of coastal and marine habitat across the globe, especially adjacent to the site in Monterey Bay. Learn about the recent campus area plan that will guide specific development for the 98-acre site, inspired by its natural setting and aiming for a careful integration of the coastal ecosystem with new energy-efficient academic facilities and programs and alternative transportation.
Learning Outcomes:
1. Investigate pragmatic ways to plan new development on sensitive sites, maximizing energy and transportation efficiency, and reducing traditional infrastructure.
2. Explore how to become more self-sufficient through use of a combination of site amenities, including solar energy, wind energy, geothermal energy, and micro-hydro generation.
3. Observe the plan’s consistent alignment of new buildings for optimal solar orientation and progressive standards for alternative modes of transportation.
4. Appraise an innovative response to storm water treatment, based on subsurface flows on a sensitive site.
AIA Credits Possible: 1.0 LU HSW SD
CPE Credits Possible: 1.0 unit; Field of study: Business Management and Organization

1:00 PM–2:00 PM | 101 J1
Vendor Presentation
Notre Dame’s Investment in the Future of Engineering [CN248]
Presented by: Terry Brown, Senior Laboratory Consultant, Research Facilities Design; Mike Daly, Senior Project Manager, University of Notre Dame; Geoffrey Lisle, Principal, BSA LifeStructures
Convened by: Brodie Bain, Principal, Mithun
After expanding beyond the capabilities of their engineering research facility, the University of Notre Dame invested in a new teaching and research building. Learn how the team tackled
the challenge of utilizing the latest advancements in technology, while maximizing space in an academic engineering facility. Hear the capital planning and departmental perspectives, and gain insight into how Notre Dame created a highly technical engineering building within a demanding architectural style.

**Learning Outcomes:**
1. Discover how sustainability can inform the design of a cutting edge engineering research facility.
2. Observe how benchmarking metrics validate information from stakeholders.
3. Observe how an academic clean room differs from the industry clean room and how sustainability issues are addressed.
4. Discover how the cost of this interdisciplinary engineering facility's design was influenced by benchmarking as a tool to represent future unknowns.

AIA Credits Possible: 1.0 LU HSW
CM|1
CPE Credits Possible: 1.0 unit; Field of study: Business Management and Organization

---

1:00 PM–2:00 PM | 101 AB

**Planning for an Uncertain Future** [CN160]

Presented by: Jeffrey Fenimore, Principal, DLR Group; Richard Higgins, Principal, DLR Group; Michael Seymour, Chief Operating Officer for Administration, Anoka-Ramsey Community College

Convened by: Luanne Greene, Principal, Ayers/Saint Gross Architects & Planners

Revenue reductions, combined with increasing student FTEs are forcing institutions to restructure their strategic planning and implementation to increase alignment between academic goals and finances. This impacts everything from academic planning to facilities. Learn how two different campuses, one on the west coast and one in the Midwest, used highly interactive, collaborative master planning and long-range goal setting to effectively develop projects that were financially feasible while maintaining continuity and focus, reducing waste and reinforcing campus identity.

**Learning Outcomes:**
1. Develop a process for long range strategic planning that enables incremental project phasing while maintaining a holistic vision for the campus and facility.
2. Implement a collaborative planning process on your own campus.
3. Address some of the unique challenges of large group facilitation and goal setting.
4. Retain the necessary institutional background to enable successfully managing multi-phased projects.

AIA Credits Possible: 1.0 LU
CM|1
CPE Credits Possible: 1.0 unit; Field of study: Finance

---

1:00 PM–2:00 PM | 101 D

**Sustainable Residence Life “Flexible Living Unit” Design** [CN126]

Presented by: John Russell, Director, Facilities Planning & Construction, Angelo State University; Randall Scott, President & Chief Executive Officer, Randall Scott Architects, Inc.

Convened by: Thomas Mathison, Principal, Higher Education Group Leader, TowerPinkster

Residence halls can be designed to provide for freshmen, upper-division and graduate student needs through this unique “Flex-Unit” concept. These sustainable residence life facilities can quickly adapt to all types of students and demographics over a 50-75 year life cycle thereby reducing the number of residence hall types needed on a campus and future landfill requirements. This unique “Flex-Unit” allows residence life staff to provide 18 distinct living unit arrangements within a 1,200 SF module. Multiple “Flex Units” can easily be arranged to develop communities of varying sizes within a residence hall and tracked through BIM software.

**Learning Outcomes:**
1. Provide a sustainable residence hall with significantly lower life-cycle costs than traditional residence halls.
2. Accommodate all types of students’ housing needs within one residence hall.
3. Increase student satisfaction by allowing them to select their own unit type resulting in increased revenues.
4. Create various sized units, communities and cohorts within a given residence hall in conjunction with BIM (Building Information Modeling)

AIA Credits Possible: 1.0 LU
CM|1
CPE Credits Possible: 1.0 unit; Field of study: Business Management and Organization

---

2:15 PM–3:15 PM | 101 E

**Delivering on a Big Vision: Implementing a 75-Acre Campus Expansion** [CN039]

Presented by: Richard Johnson, Director, Biomedical Facilities Program, University of Minnesota Twin Cities; Monique Mackenzie, Campus Planner, University of Minnesota Twin Cities; Brian Swanson, Budget & Finance Officer, University of Minnesota Twin Cities

Convened by: Joseph Sciulli, Vice President, Senior Operations Consultant, CHANCE Management Advisors, Inc.

In 2005 the University of Minnesota undertook a 75-acre campus redevelopment and expansion effort in conjunction with the construction of a new 50,000 seat football stadium. This session explores the iterative planning, design and construction process used to implement Phase I which included more than $400 million worth of capital improvements. Planning for Phase II, a $292 million Biomedical Discovery District, followed shortly after. Lessons learned in the course of implementing Phase I while simultaneously planning for Phase II will be shared.

**Learning Outcomes:**
1. Discuss the value of an iterative and adaptive planning process regardless of campus size.
2. Outline the critical steps in developing and implementing a major campus plan.
3. Evaluate the role of vision and executive leadership in driving overall program success.
4. Apply key lessons from this experience to other projects of different magnitudes.

AIA Credits Possible: 1.0 LU
CM|1
CPE Credits Possible: 1.0 unit; Field of study: Finance

---

2:15 PM–3:15 PM | 102 F

**Designing Sustainable, Affordable and Livable Student Housing** [CN255]

Presented by: Don Mills, Vice Chancellor, Student Affairs, Texas Christian University; David Short, President, KSG Architects

Convened by: Lisa Roberson, Client Relations Manager, Newcomb & Boyd

In the 1990’s Texas Christian University decided it would change the way it housed students. A Housing Master Plan was developed and a road map to change was created. Over the past nine years TCU has renovated five of their existing residence halls and over 1,000 beds and added another five halls with nearly 1,000 new student beds. This program will highlight the aggressive transformation of the student housing facilities at TCU. We will share the lessons learned as we take you on our journey creating an affordable, sustainable and livable campus.

**Learning Outcomes:**
1. Design affordable, sustainable and attractive student housing using urban planning principles.
2. Develop partnerships with designers and builders in new construction and renovation projects.
3. Discuss the lessons TCU learned after nine years of both new construction and renovation of more than 2,000 beds and 5 halls.
4. Analyze the factors that help create long-term successful client/architect relationships.

CM|1
CPE Credits Possible: 1.0 unit; Field of study: Production
**SCUP-4.5: Integrated Leadership for a New Reality**

**Integration of Healthcare Education Across Disciplines and Departments**

*Presented by: Colleen O’Conner Grochowski, Associate Dean, Curricular Affairs, Duke University; Mary Jo Olenick, Principal, The S/L/A/M Collaborative; Robert Pulito, Architect & Principal, The S/L/A/M Collaborative*

Convened by: Richard Smith, Vice President & Director, Higher Ed, Science & Technology, HOK

Are health education programs really preparing students for the future? Is there a very little programmatic integration of health disciplines on an educational basis? Education in each health discipline is highly specialized and focused in order to implant as much raw knowledge as possible. Real integration of health disciplines happens during practice (internships, residencies). How can the health care industry move towards “patient-centered integrated care” if academic medical institutions continue to maintain their separate academic programs, research, buildings, and identity?

**Learning Outcomes:**

1. Discuss projected needs in various health care disciplines and how allied health institutions are responding.
2. Identify current benchmarks regarding SF/student and cost/SF for integrated education facilities vs. ones dedicated to medical education, nursing, pharmacy, and public health.
3. Develop a useful matrix to demonstrate which areas benefit most from integration and which ones may not be well-suited to integrated delivery of education.
4. Quantify the benefits of increased integration of the health science education and realize those benefits in a facility design.

AIA Credits Possible: 1.0 LU
CM|1
CPE Credits Possible: 1.0 unit; Field of study: Social Environment of Business

---

**Inventing the Next Century of Living-Learning Environments**

*Presented by: Susan Gott, University Planner, University of Michigan-Ann Arbor; Loren Rullman, Associate Vice President, Student Affairs, University of Michigan-Ann Arbor*

Convened by: Dorothy Tobe, Chief Planning Officer, Ramapo College of New Jersey

New technologies are emerging and evolving almost faster than academic institutions can incorporate them into the built environment. Students demand new configurations and interrelationships for living and learning spaces and programs. The University of Michigan’s North Quadrangle Residential and Academic Complex is an incubator and laboratory for how to flexibly plan a living-learning environment that fosters bold new synergies between technology, academic programs, living space, and the students who inhabit it, all taking place within a timeless and traditional exterior.

**Learning Outcomes:**

1. Plan flexibly to incorporate cutting-edge technology into the built campus environment and allow unknown future technologies to evolve within the facility.
2. Foster synergies between programs united for the first time within a facility.
3. Encourage adaptive space configurations in living and learning facilities.
4. Create dynamic and evolving spaces within a traditional exterior shell.

AIA Credits Possible: 1.0 LU
CM|1
CPE Credits Possible: 1.0 unit; Field of study: Management Advisory Services

---

**Lifecycle Cost Analysis of Campus Solar and LEED/Sustainable Projects**

*Presented by: Niels Blomquist, Preconstruction Manager, DPR Construction, Inc.; Nick Ertmer, Project Manager, DPR Construction, Inc.; Christopher Madden, Technical Services Assistant, Butte-Glenn Community College District*

Convened by: Nico Kienzl, Director, Atelier Ten

This session will provide real-world techniques and examples of feasibility and lifecycle cost analysis based on Butte College’s 2-Megawatt solar power farm (the largest college campus solar project in California) and new 77,000 sq. ft. Instructional Arts project, which is pending LEED Gold certification and won the California Community College Chancellor’s Office Energy Efficiency Partnership Program Best Practice Award in HVAC. Attendees will also see firsthand the process implemented for sustainability analysis during preconstruction.

**Learning Outcomes:**

1. Discuss possible approaches to funding campus solar power projects.
2. Analyze the feasibility of campus solar power projects.
3. Evaluate return on investment (ROI) for LEED/sustainable projects based on a lifecycle cost approach.
4. Quantify the impact of campus power generation projects on the sustainability of campus construction projects.

AIA Credits Possible: 1.0 LU
HSW SD
CM|1
CPE Credits Possible: 1.0 unit; Field of study: Finance

---

**Location Location Location: An Unlikely Approach to Sustainable Growth**

*Presented by: Léo Lejeune, Senior Associate, Architect, Stantec Architecture Ltd.; Stuart MacLean, Director, Facilities, Grant MacEwan College*

Convened by: Ralph Horgan, Associate Vice Provost, Carnegie Mellon University

Grant MacEwan University believes that it can best meet the needs of future generations by consolidating all of its existing four campuses onto its one downtown site. This single sustainable campus project seeks to bring all of MacEwan’s services back into one location, while growing its student population, improving the student experience, and tripling its existing square footage in the process. We will reveal an innovative strategy for sustainable growth in a very dense urban context.

**Learning Outcomes:**

1. Explore how sustainability is changing the way students want to learn, and impacting technology, libraries, teaching spaces, and social spaces.
2. Create a thorough business case for sustainability analysis when approaching governments for funding.
3. Design a campus plan that not only exceeds sustainability goals, but also aids in transforming the surrounding urban environment.
4. Identify the benefits of selling off existing campuses.

AIA Credits Possible: 1.0 LU
HSW SD
CM|1
CPE Credits Possible: 1.0 unit; Field of study: Social Environment of Business

---

**Making Your Strategic Plan a Bestseller on Campus**

*Presented by: Joseph Offermann, Director, Institutional Research & Effectiveness, Joliet Junior College; Ryan Smith, Vice President, Advancement & Research, Joliet Junior College*

Convened by: Joseph Offermann, Director, Institutional Research & Effectiveness, Joliet Junior College; Ryan Smith, Vice President, Advancement & Research, Joliet Junior College

Research indicates that traditional forms of planning can be ineffective in today’s environment because they focus on rationality, linear processes, quantification, and assume that fun, creativity, and qualitative approaches lack substance. New forms of planning should focus on employee engagement, integration of multiple planning strategies, organizational culture, creativity, fun, and serendipity. This presentation will highlight Joliet Junior College’s
evolution in shifting from a traditional, rigid planning focus to one that is more open, fun, and centered on employee engagement.

Learning Outcomes:
1. Propose a new model of planning that recognizes the organizational culture of higher education.
2. Formulate strategies for employee engagement with planning.
3. Summarize an integrated approach to planning that incorporates governance and organizational culture.
4. Compare traditional planning models with newer planning models.
AIA Credits Possible: 1.0 LU
CM1
CPE Credits Possible: 1.0 unit; Field of study: Business Management and Organization

2:15 PM–3:15 PM | 101 H
Planning a Balanced Scorecard Approach at a NJ State College [CN031]
Presented by: Claudine Keenan, Chief Planning Officer, The Richard Stockton College of New Jersey; Harvey Kesselman, Dean of Education, The Richard Stockton College of New Jersey
Convened by: Diane Bemnick, Strategic Planner, United States Military Academy
This session will focus on the internal constraints and opportunities that members of a small steering committee of faculty, staff and administrators faced during their first year of setting up a balanced scorecard approach to planning. The Richard Stockton College of New Jersey solicited input to its balanced scorecard planning process from its senior leadership, from two of its labor unions, and from all of its organizational divisions.

Learning Outcomes:
1. Describe the basic components of a Balanced Scorecard (BSC) approach.
2. Discuss the opportunities and constraints of a BSC approach at a state college.
3. Apply the components of a BSC approach to different institutional settings.
4. Brainstorm solutions to problems inherent in the BSC approach at a higher education institution.
AIA Credits Possible: 1.0 LU
CM1
CPE Credits Possible: 1.0 unit; Field of study: Management Advisory Services

2:15 PM–3:15 PM | 101 D
Repurposing a Building—Morrill Hall, Sustainable in 1890 [CN176]
Presented by: Scott Allen, Partner, RDG Planning & Design; Michael Andresea, Associate, RDG Planning & Design; Kerry Dixon-Fox, Project Manager, Iowa State University
Convened by: Howard Wertheimer, Director, Capital Planning & Administration, Iowa State University
The session is a case study of the rehabilitation and adaptive re-use of a building on the national register of historic places. Examine the campus factors that lead to the abandonment of the facility and also review the design and construction decisions that provided the basis for a successful repurposing and rehabilitation project resulting in Iowa State University’s first LEED® silver project. We will cover strategies, building performance and other possible funding criteria on similar buildings.

Learning Outcomes:
1. Summarize the evolution of design and construction over the last 100 years.
2. Identify the issues surrounding restoration and rehabilitation of a historic structure.
3. Develop goals for sustainable concepts and strategies within a restoration project.
4. Review the requirements of the LEED Documentation and Certification Process.
AIA Credits Possible 1.0 LU HSW SD
CM1
CPE Credits Possible: 1.0 unit; Field of study: Management Advisory Services

2:15 PM–3:15 PM | 102 BC
Successful Public/Private Partnerships—A Case Study for Capital Funding & Development [CN062]
Presented by: Jennifer Friedman, Director Public/Private Partnerships, CUNY, City University of New York; Scott Newman, Partner, Cooper, Robertson & Partners; Iris Weinshall, Vice Chancellor, Facilities Planning, Construction & Management, City University of New York
Convened by: Humberto Gonzalez, Business Manager, King Abdullah University of Science and Technology
With public funds for capital projects being scarce, The City University of New York (CUNY) created an innovative partnership with a private developer to help finance and build a new facility for CUNY’s Hunter College School of Social Work and Public Health in Harlem. This project will be used as a case study to illustrate the key elements required to ensure a successful partnership, and the collaborative process necessary to achieve a successful outcome to the design and construction.

Learning Outcomes:
1. Develop successful new models for monetizing university real estate assets to fund new projects.
2. Identify keys to a successful public/private partnership.
3. Develop collaborative processes for managing the programming, design and construction with a private development partner.
4. Evaluate private development opportunities as a potential way to access new sources of funding.
AIA Credits Possible: 1.0 LU
CM1
CPE Credits Possible: 1.0 unit; Field of study: Finance

2:15 PM–3:15 PM | 102 A
The Young and the Agile [CN057]
Presented by: Wm. Gregory Sawyer, Vice President/Student Affairs, California State University-Channel Islands; Deborah Wylie, Associate Vice President, Operations, Planning & Construction, California State University-Channel Islands
Convened by: Brian MacDougall, Vice President, Planning & Administration, The American University in Cairo
With funding in higher education at a critical low and fiscal and human resources being depleted with lay-offs, furloughs, and mass budget cuts, it is apparent that collaborative campus planning and shared resources is a must. Learn how CSU Channel Islands planned and implemented campus-wide strategic goals in a highly dynamic, flexible, and collaborative environment at one of America’s newest emerging academic institutions. Discover the complexities and intricacies of planning, budgeting and implementing programs and facilities in the adaptive re-use and conversion of an eighty year old state hospital facility. Walk away with information on how to collaborate on successful planning outcomes while working with multiple campus constituencies.

Learning Outcomes:
1. Foster collaborative planning with multiple campus constituencies.
2. Discuss strategies for making the best of limited resources.
3. Merge old and the new in physical planning while implementing innovative curricular and co-curricular programs.
4. Identify techniques to keep your planning flexible and adaptive.
CM1
CPE Credits Possible: 1.0 unit; Field of study: Finance

REGIONAL MEETINGS

3:30 PM–4:30 PM
Meet peers and colleagues from states, provinces, and countries in your region. These meetings are open to all conference attendees.

REGION

Mid-Atlantic ............................................................... 102DE
North Atlantic: ...................................................... 102BC
North Central ........................................................... 101F6
Pacific ................................................................. 101AB
Southern .............................................................. 101IJ
OPTIONAL TOURS
Tours depart from the Hilton Hotel. Please arrive 15 minutes prior to departure.

5:00 PM–6:30 PM
Optional Tour, Preregistration Required

Minneapolis Community and Technical College (CT005)
Created in 1996, under the umbrella of the Minnesota State Colleges and Universities (MnSCU) system, MCTC is the result of the merger of two institutions: a technical college with a long history of vocational education dating back to 1914 and an open-enrollment community college established in 1965. This campus is one of the largest urban public institutions serving over 12,000 students. The tour will highlight this unique co-location of 42 different technical and community college offerings in 1.2 million square feet. Space is also used for 4-year offerings from Metropolitan State University. Local architects will be present to discuss and explain each project’s unique challenges and opportunities. www.minneapolis.edu

Learning Outcomes:
1. Evaluate the benefits of adaptive reuse of commercial buildings for academic purposes.
2. Describe the reasons for co-locating a library and a technology center in a single building to maximize the use of information resources services.
3. Identify the ways in which open space/parks can create connections between student life and the local community.
4. Recognize the complexities of providing courses that cover technical, community college, and 4-year academic programs in a single entity.

AIA Credits Possible: 1.0 LU
CM|1

5:00 PM–6:30 PM
Optional Tour, Preregistration Required

University of St. Thomas Minneapolis Downtown Campus (CT006)
University of St. Thomas began offering classes in 1987 at a remodeled department store in downtown Minneapolis. In fall 1992, the university opened a permanent, $25 million, 150,000-square-foot campus at 1000 LaSalle Ave. This unique campus that has grown in the surrounding three city blocks has many attributes of a traditional campus in the downtown core of Minneapolis.

Learning Outcomes:
1. Identify the unique challenges of locating a campus in the heart of a downtown core.
2. Describe the role that campus landscaping can play in creating a distinctive identity and in providing respite from a hectic urban area.
3. Judge the value of carrying an original architectural theme and maintaining it in the move to an urban campus.
4. Evaluate the role of public art in engaging a local community in the life of a campus.

AIA Credits Possible: 1.0 LU
CM|1

5:00 PM–6:30 PM
Optional Tour, Preregistration Required

Target Field Stadium Tour (OE003)
Get a unique behind-the-scenes look at one of Major League Baseball’s newest ballparks, Target Field. Minnesota’s new one-million-square-foot, 40,000-seat, open-air ballpark features superior baseball sight lines from every seat and spectacular views of the Minneapolis skyline. Completed three months early, the new ballpark will be one of Major League Baseball’s most environmentally friendly ballparks with a variety of sustainable materials and methods incorporated into design and construction. The project is registered with the USGBC with a goal of LEED Certification. Join colleagues from Mortenson Construction and HGA Architects with ballpark tour guides for a narrated, up-close, behind-the-scenes, tour of the ballpark complete with baseball history, anecdotes, and fun facts about Target Field. Tours cover a distance of approximately one mile so proper walking apparel is recommended.

6:00 PM–8:00 PM | Hilton Hotel | Symphony Ballroom II
SCUP–46 Conference Program Committee Meeting
**CONCURRENT SESSIONS**

**8:30 AM–9:30 AM | 101 AB**

**Benchmarking Benefits for Energy/Water Use—54 College Campuses in Minnesota** *(CN106)*

Presented by: Rick Carter, Senior Vice President, LHB, Inc.; Sally Grans-Kors, Systems Director, Facilities Planning & Programming, Minnesota State Colleges & Universities System Office; Tom McDougall, President, The Weidt Group

Convened by: Michael Joy, Director, Space Planning, The New School

Energy Benchmarking at 54 campuses was done throughout Minnesota by campus staff. Benchmark data resulted in clear, concise reports for overall energy/water use. Learn how to gather data, determine Energy Use Intensity (EUI) in kBtu/sf/year and water usage in gals/occupant/day. Data is critical to determine best use of capital expenditures to maximize energy efficiency. Examples from both high and low performers will be shared, with suggestions on how to improve campus energy consumption.

**Learning Outcomes:**
1. Explore the basics about energy use intensity, how energy can be converted to a common unit (kBtu), normalized by area (square foot) and time (year), and how to calculate this information for a building and campus.
2. Determine how to efficiently collect information from accounting and facility staff.
3. Determine how to calculate the best benchmark, compare the data, and develop a case study for use in making recommendations going forward.
4. Apply the data collected, and communicate performance benchmarks to facility managers and users to influence behaviors and reduce consumption.

AIA Credits Possible: 1.0 LU HSW SD
CM1
CPE Credits Possible: 1.0 unit; Field of study: Management Advisory Services

**8:30 AM–9:30 AM | 101 FG**

**Creating New Collaborative Learning Environments** *(CN012)*

Presented by: Sarah Ball, Principal Architect, Woods Bagot; Brian Shiriffs, Senior Project Manager, The University of Melbourne

Convened by: Jeff Fullerton, Director, Architectural Acoustics, Acentech Incorporated

Learning is about discovery and change. As schools and universities look to the future they must provide environments which will facilitate collaborative learning and act as points for interaction and social activity. We will examine design initiatives that support adaptive and varied learning spaces and respond to new methods of curriculum delivery and will detail the transformation of an existing space.

**Learning Outcomes:**
1. Evaluate curricular changes in engineering education will impact traditional learning spaces and foster new competency-based environments.
2. Discuss how emerging learning environments are organized to broaden collaborative skills, forge a sense of community and increase space utilization.
3. Demonstrate how information technologies enable blended teaching and learning models that expand learning outcomes.
4. Explore strategies for designing innovative and affordable renovations that make the most of your existing resources.

AIA Credits Possible: 1.0 LU HSW SD
CM1
CPE Credits Possible: 1.0 unit; Field of study: Social Environment of Business

**8:30 AM–9:30 AM | 101 E**

**Creative Project Funding When Your State Is Strapped for Cash** *(CN122)*

Presented by: Kacey Jurgens, Principal, THA Architecture Inc.; Isabel Trinidad, Vice Chancellor, Administrative Services, Finance & Administration, University of Washington

Convened by: Andrew Schimmel, General Counsel, Mantra Living

In 2007, the University of Washington Tacoma Campus began planning Phase 3 of its expansion, anticipating $60M in state funding. Three projects were identified to accommodate 600 additional students, and the designs were well underway when the state’s budget crisis resulted in a reduction in funding allocations for the project. We’ll review how the campus and design team analyzed the priorities for the expansion plans, and the creative methods UWT implemented to restore project funding.

**Learning Outcomes:**
1. Account for your campus’ physical resources.
2. Identify techniques for keeping your campus planning nimble.
3. Analyze priorities for expansion plans when your capital planning budget takes a big hit.
4. Explore out-of-the-box funding sources for your building projects.

AIA Credits Possible: 1.0 LU
CM1
CPE Credits Possible: 1.0 unit; Field of study: Finance

**8:30 AM–9:30 AM | 101 IJ**

**Educated Spaces . . . Embracing Change** *(CN256)*

Presented by: Pat Gill, Representative, DIRTT Environmental Solutions; William O’Neill, Regional Representative, DIRTT Environmental Solutions

Convened by: Debi McDonald, Associate Principal, Cannon Design

For most higher education institutions, it shouldn’t be about forecasting or predicting the future: there are way too many uncertainties and unknowns. The only real certainty is that there will be change, so it should be more about creating a culture in the organization to identify and respond to these changes. Yet few organizations understand how to adapt to change; their strategies for continued stability and success are constantly undermined by the unrelenting pressure and the pace of change . . . space and technology.

**Learning Outcomes:**
1. Attract technology-savvy students with technology-savvy classrooms.
2. Discuss how smart classrooms allow students to perform at their best.
3. Plan for facility change beyond conventional construction.
4. Adapt classrooms and administrative spaces to evolving space and technology needs.

AIA Credits Possible: 1.0 LU
CM1
CPE Credits Possible: 1.0 unit; Field of study: Social Environment of Business

**8:30 AM–9:30 AM | 101 C**

**Future Ready: How to Integrate Strategic Direction and Campus Planning** *(CN143)*

Presented by: Alexander Carroll, Master Planner & Senior Associate, Einhorn Yaffee Prescott Architecture & Engineering P.C.; Charles Craig, Senior Master Planner & Principal, Einhorn Yaffee Prescott Architecture & Engineering P.C.; Lisa Fears, Vice President, Planning, Plant & Technology, Franklin College of Indiana

Convened by: Mark Zarrillo, Principal, Symmes Maini & McKee Associates

Franklin College’s campus planning case study will present a process model for linking 21st-century strategic objectives to an institutionally and contextually appropriate and sustainable plan. Franklin, a small, residential, liberal arts institution, has a long history of active engagement and innovation. The college’s recent
Learning Outcomes:
1. Using discipline and a process model, link the strategic planning process and initiatives to campus planning.
2. Compare communications procedures for ensuring success in the planning process.
3. Incorporate institutional history, mission, and goals in the campus design process.
4. Explore strategies and proposals for establishing interdisciplinary opportunities and linkages for curricular and co-curricular programs.

AIA Credits Possible: 1.0 LU

3:45 AM–4:45 AM | 101 D

Does the User Really Matter? (CN262)

Presented by: William Hickey, Principal, Collaborative Design Group; Steven J. Orfield, Principal, Orfield Laboratories, Inc.; Wesley J. Chapman, Architectural Group, Orfield Laboratories, Inc.

Convened by: Thomas Fortier, Principal, Zimmer Gunsul Frasca Architects, LLP

Facility design in higher education is often caught in the cross fire between meeting a user’s functional program needs, and meeting the demands or desires of philanthropists and fundraising entities. The outcome is often a building designed for fundraising rather than occupancy quality or campus culture. In the absence of a rigorous process, this outcome is not unusual. Yet the ultimate success of the building is measured by the response of its users, who are only peripherally involved in the design process. Explore an evidence-based design approach that allows both validation of building performance (perceptual comfort) and design quality (aesthetic meaning) from the user perspective, before the building is constructed. This process can dramatically improve the process of developing new facilities.

Learning Outcomes:
1. Discuss the typical design process, and its customers and priorities, and the influence of philanthropic or fundraising activities as it relates to facility design.
2. Explore how you might incorporate new definitional and research benchmarks into your own design process.
3. Identify the benefits of user centered and high perceptual comfort buildings.
4. Identify the comparison between the costs of this process and the costs of the traditional process.

AIA Credits Possible: 1.0 LU

CPE Credits Possible: 1.0 unit; Field of Study: Social Environment of Business

9:45 AM–10:45 AM | 101 H

Carbon, Energy, and Water: Sustainable Planning Strategies for Indiana University (CN086)

Presented by: William Brown, Director, Sustainability, Indiana University; Mary Jukuri, Principal, JJR, LLC; Russell Perry, Vice President, SmithGroup

Convened by: Diane Paulson, Vice President, Administrative Services, Hennepin Technical College

Indiana University is re-aligning its physical resources for a sustainable future. Explore the integrated master plan for the Bloomington campus through the lens of energy and water resources. Learn how the university can accommodate a projected 25 percent facility growth while reducing its overall environmental footprint. We will discuss achieving this goal using both quantitative and qualitative methodologies for an innovative Stormwater and Hydrology Plan and an unprecedented campus-wide Energy and Water Use Plan.

Learning Outcomes:
1. Explore ways to implement campus sustainable design initiatives from six vantage points: energy, land use, resource use, transportation, built environment, and food.
2. Evaluate the cumulative effect of multiple planning strategies including watershed analysis, riparian restoration, habitat corridors and increased tree cover on managing campus stormwater run-off quality and quantity.
3. Using the IU Energy and Water Use Plan, estimate greenhouse gas emissions and water consumption for campus facilities, predict future energy and water use for new development, and apply techniques to reduce energy use, water use, and greenhouse gas emissions for a campus.
4. Discuss sustainable design leadership and its integration into the university’s administrative and academic mission and functions.

AIA Credits Possible 1.0 LU

CPE Credits Possible: 1.0 unit; Field of Study: Business Management and Organization
9:45 AM–10:45 AM | 101 AB

**Following Through on Strategic Plans: From Words to Deeds** (CN141)

*Presented by:* Donna Kidd, Associate Vice President, Budget & Planning, George Mason University; Peter Stearns, Provost & Executive Vice President, Academic Affairs, George Mason University; Cathy Wolfe, Director, Campus Planning, George Mason University

*Convened by:* Shan Bates, Education Solutions Manager, Schneider Electric

This session looks at George Mason University’s approach, successes, and failures in linking an overall strategic planning process with a strategic implementation process. You will see how significant follow-up mechanisms can spur individual units to relevant planning and provide assessment tools. Through candid exposition of the pluses and minuses of the Mason effort, the session will promote wider discussion of the development and implementation of strategic planning efforts.

**Learning Outcomes:**
1. Develop a university strategic plan and follow-up with individual unit planning.
2. Integrate strategic plans, resource planning, assessments and evaluations, and accreditation.
3. Identify the challenges and opportunities for development of and tracking of annual metrics for assessing strategic goals.
4. Discuss the importance of flexible planning in uncertain times.

*AIA Credits Possible: 1.0 LU
CMI
CPE Credits Possible: 1.0 unit; Field of study: Social Environment of Business*

9:45 AM–10:45 AM | 101 E

**Positioning for the Future During Uncertain Times** (CN019)

*Presented by:* Maria Krupin, Associate VP Budget and Finance, Ramapo College of New Jersey; Dorothy Tobe, Chief Planning Officer, Ramapo College of New Jersey; Babette Varano, Assistant VP, Institutional Effectiveness and Planning, Ramapo College of New Jersey

*Convened by:* Peter Styx, Director of Architecture, URS Corporation

With higher education funding becoming more uncertain, it has become daunting for colleges and universities to position themselves for the future. This session reveals the processes Ramapo College implemented to achieve higher levels of excellence with scarcer resources. Using Resources Allocation Mapping developed by KPMG Prager, Scalfy and Co. in conjunction with the Robert Dickenson model, Ramapo will present how they implemented these models in order to invest limited resources to achieve strategic goals and connect the planning and budgeting process.

**Learning Outcomes:**
1. Analyze the significance of appropriate development, execution and assessment of strategic plans.
2. Construct an integrated planning, budgeting and assessment model.
3. Implement Resource Allocation Mapping process from theory to application.

*AIA Credits Possible: 1.0 LU
CMI
CPE Credits Possible: 1.0 unit; Field of study: Management Advisory Services*

9:45 AM–10:45 AM | 101 FG

**Simulation Centers—A New Model for Integrated Learning** (CN110)

*Presented by:* Todd Bloch, Architect, NBBJ Architects; David Bryant, Senior Associate, NBBJ; David Lenox, University Architect, Stanford University; Andy Wasklewicz, Technology Architect, Stanford University School of Medicine

*Convened by:* David Broz, Senior Associate, Gensler

Simulation as a learning process is the next “must have” technology/methodology for campuses across the world. This shift in learning is changing teaching methods and the student experience, resulting in a new way of designing for and delivering education. Recent case studies from Stanford’s new School of Medicine Li Ka Shing Center for Learning and Knowledge and California Maritime Academy’s Simulation Center will illustrate the different opportunities and technical and programmatic needs of simulated learning facilities.

**Learning Outcomes:**
1. Recognize the needs and requirements that make simulation learning centers unique.
2. Examine how simulation is effecting traditional instructional methods.
3. Discuss the range and types of simulation environments (immersive learning, virtual reality, robots, etc.)
4. Create synergies between universities and professional practice through simulation learning centers.

*AIA Credits Possible: 1.0 LU
CMI
CPE Credits Possible: 1.0 unit; Field of study: Computer Science*

**CLOSED PLENARY SESSION**

11:00 AM–12:15 PM | Ballroom A

**Morning Announcements + Drawing!**

Debi L. McDonald, Associate Principal, Cannon Design

**Recognition of Outgoing Board Members / Passing of the Gavel**

John Rufo, Partner, WRNS Studio, LLP, and SCUP 2009-10 President; Joan Racki, Policy & Operations Officer, Board of Regents, State of Iowa, and SCUP 2010-11 President

**Invitation to SCUP-46 National Harbor, Maryland 2011!**

(Just outside of Washington, DC and Alexandria, VA)

Niraj Dangoria, Assistant Dean, Facilities Planning & Management, Stanford University, and SCUP-46 Conference Program Chair; James A. Wheeler, President, Ayers/Saint/Gross Architects & Planners and SCUP-46 Local Host Chair; and Nicholas R. Santilli, Associate Academic Vice President, Planning, Assessment & Institutional Effectiveness, and SCUP-46 Invited and Plenary Sessions Chair

**Plenary Presentation:**

**The Emerging Intelligent Campus** (PL002)

*Presented by:* Mark Valenti, President & CEO, The Sextant Group, Inc.

There is much ado today about social media and the changing landscape of human interaction brought on by the revolution in network-based communications. No doubt this revolution is powerful, far-reaching, and impacts our daily lives in direct and tangible ways. What is not so evident is the revolution quietly occurring in the way buildings are being conceived, a revolution that will impact the way we plan, design, implement, and manage the campus facilities portfolio forever. Technologies such as building information modeling, cloud computing, mesh networks, and digital media are being realized in new ways to optimize energy consumption, usage efficiencies, user comfort, security, and human communication. At what point do buildings become self-aware? When do they inter-operate? And how might we plan for the emerging intelligent campus? This presentation will take a look over the horizon of possibilities. Mark Valenti is an expert in digital media technologies, architectural acoustics, psychoacoustics, and market trends in the multimedia industry. He understands the engineering behind designing truly rich classroom learning environments, blended with the online tools that students and instructors love.

**MARK VALENTI**
Learning Outcomes:
1. Recognize the effects of technology on the future of sustainable facility construction and operations.
2. Evaluate the ways in which such technologies as building information modeling, cloud computing, virtualization, and mesh networks will force increased flexibility in facility design and renovation.
3. Create scenarios that make full use of ‘intelligent buildings’ by linking them into a self-regulating campus.
4. Consider the role of human behavior in the implementation of technology in the facilities of the future.

AIA Credits Possible: 1.0 LU
CPE Credits Possible: 1.0 unit; Field of study: Social Environment of Business

Closing Remarks and Safe Travels
Marie Zeglen, Assistant Provost & Director, Institutional Planning & Research, University of Florida, and SCUP–45 Conference Program Chair

Please note: Wednesday’s brunch is on your own.

Optional Tours
Tours depart from the Hilton Hotel. Please arrive 15 minutes prior to departure.

1:00 PM–5:00 PM
Optional Tour, Preregistration Required
The Riverfront and Mill City (OE004)
An attraction for all ages, the Mississippi Parkway and the Mill City Museum chronicle the flour milling industry that dominated world flour production for roughly a half-century and fueled the growth of Minneapolis, recognized across the nation and around the world as “Mill City.” Built within the ruins of a National Historic Landmark, the Washburn A. Mill museum provides a multi-sensory, interactive journey. The story of flour milling and its impact on Minneapolis, the nation and the world comes to life through the eight-story Flour Tower and other hands-on exhibits. Guests on this tour will learn about the founding of St. Paul and Minneapolis and their growth into one of the midwest’s largest metropolitan areas. The tour will take you along the mighty Mississippi River and across the historic St. Anthony Falls, following the path of the Stone Arch Bridge. Tour includes transportation, private tour of the museum, and tour guide.

1:30 PM–4:30 PM
Optional Tour, Preregistration Required
Minneapolis Bike Tour (OE001)
Minneapolis is recognized as one of the leading bike friendly cities in the US. Join local members from Dero Bike Rack for a fully supported bike ride that will explore Minneapolis bike infrastructure and trails. The ride is mostly flat and will be a casual 10 miles (with a possible breakout group going about 16 miles total), with a stop for refreshments. Bikes, helmets, water and any mechanical assistance will be supplied. Ninety percent of the planned route will be on the bike only, paved, Hiawatha, Greenway, Kenilworth and Cedar Lake trails.

“Strategy is a problem of coordination…”
—Sun Tzu c. 300 B.C.

Bring SCUP’s Planning Institute to Your Campus
Tough economic times require a proven approach to strategic planning. The best strategic planning comes from an integrated approach to how it is structured, assessed, and implemented. The Society for College and University Planning has long offered its members and other individuals the opportunity to learn about the theory and processes that make up integrated planning through the SCUP Planning Institute workshops, Steps I, II, and III.

Starting in July 2009, these Steps will be even more reflective of the integration and strategy building processes, with Step I now being a requirement to take Step II. SCUP offers members the opportunity of bringing the entire series of Planning Institute workshops to campus for your team. That’s even more important now with institutions feeling the pressures of lost revenue and funding. Individuals and teams who want to build an integrated planning process will work through a case study that addresses the complexities of meeting multiple stakeholders’ needs. The Planning Institute models the elements of effective planning by ensuring that participants have the opportunity to address the questions they brought and to understand how integrated planning addresses issues of accountability and accreditation.

Interested in bringing the Institute to your campus? Contact Phyllis Grummon at phyllis.grummon@scup.org for details.
SCUP Excellence in Planning | SCUP Excellence in Landscape Architecture | SCUP/AIA-CAE Excellence in Architecture

This juried competition is open to professional service providers and institutions that have prepared designs or plans for two-year and four-year colleges, universities, academic medical and research centers, public or private institutions of any size in any country. Submittals must be made by a team including the institution and the planning/design professional(s). Categories include excellence in planning for a new campus; planning for an established campus; planning for a district or campus component; planning for preservation or restoration; excellence in landscape architecture; excellence in architecture for a new building; architecture for a building addition; architecture for restoration or preservation; architecture for renovation or adaptive reuse.

SCUP EXCELLENCE IN PLANNING FOR A NEW CAMPUS
Merit Award
Habib University Foundation, with Abed Associates

SCUP EXCELLENCE IN PLANNING FOR A DISTRICT OR CAMPUS COMPONENT
Merit Award
The Aga Khan University for The AKU Faculty of Arts and Sciences University Village Land Use Plan, with Goody Clancy; also AECOM Economics
Merit Award
Stanford University for The Science & Engineering Quad, with Boora Architects; also Hargreaves Associates; Arup Engineers; Hathaway Dinwiddie Construction Company

SCUP EXCELLENCE IN PLANNING FOR AN ESTABLISHED CAMPUS
Honor Award
Haverford College for the Campus Master Plan, with Venturi, Scott Brown and Associates, Inc.; also Andropogon Associates; Brinar Engineerng, Inc.; Hunt Engineering Company; Keast & Hood Company; URS Corporation; International Consultants, Inc.
Merit Award
Virginia Commonwealth University for VCU 2020: 2004 Master Plan Site, with BCWH Architects; also Hanbury Evans Wright Vlattas + Company; Michael Dennis & Associates; Smith & McClane Architects
Merit Award
The University of Utah for the Campus Master Plan, with Skidmore, Owings & Merrill LLP; also Hargreaves Associates; Fehr & Peers; Van Boerum & Frank Associates, Inc.; Ken Garner Engineering; Pomas; Ira Fink & Associates; Parmetrix; Reaveley Engineering & Associates; Norm Kondy

SCUP EXCELLENCE IN LANDSCAPE ARCHITECTURE
Merit Award
Duke University for the West Campus Plaza with Hargreaves Associates; also Buro Happold; Mulkey Engineers; Fisher Marantz Stone

SCUP/AIA-CAE EXCELLENCE IN ARCHITECTURE FOR A NEW BUILDING
Honor Award
Bennington College for the Student Center, with Taylor & Burns Architects; also Reed Hilderbrand Associates Inc.; The Collaborative Engineers; Acentech; Otter Creek Engineers, Inc.; Ricca/Newmark Design
Merit Award
The University of Iowa for the School of Art & Art History, with Steven Holl Architects; also Herbert Lewis Kruse Blunck Architects; Guy Nordenson and Associates; Alvine & Associates
Merit Award
Simon Fraser University Saywell Hall and Blusson Hall at The Arts and Social Sciences Complex, with Busby Perkins+Will; also Stantec Engineering; Fast + Epp Structural Engineers; Acumen Engineering; Phillip Farevaag Smallenberg; Trow Associates; BTY Group
Merit Award
Roger Williams University for the North Campus Residence Hall, with Perkins+Will; also Rist-Frost-Shumway Engineering; Odeh Engineers, Inc.; Carol R. Johnson Associates, Inc.

SCUP/AIA-CAE EXCELLENCE IN ARCHITECTURE ADDITION
Honor Award
The Julliard School for the Expansion and Renovation with Diller Scofidio + Renfro in collaboration with FXFowle Architects; also Ove Arup & Partners; Langan Engineering and Environment Services, Inc.; Jaffe Holden Acoustics, Inc.; Shen Milsom & Wilke, Inc.; R.A. Heintges & Associates; Fisher Dachs Associates, Inc.; L’observatorie

SCUP/AIA-CAE EXCELLENCE IN ARCHITECTURE RENOVATION/ADAPTIVE REUSE
Honor Award
The University of Michigan for The Museum of Art, with Allied Works Architecture; also Integrated Design Solutions; KPFF; ARUP, New York; Atwell-Hicks; SGH; RA Heintges; Pentagram
Merit Award
Kenyon College for Peirce Hall, with Gund Partnership; also The Albert M. Higley Company; Stefura Associates; LeMessurier Consultants; Syska Hennessy Group, Inc.; Gernald Waldron Associates; Ricca Newmark Design

SCUP/AIA-CAE EXCELLENCE IN ARCHITECTURE RENOVATION/ADAPTIVE REUSE
Merit Award
Michigan State University for The Owen Graduate Center, with SmithGroup; also Triangle Associates, Inc.; KAS Estimating Services; Baker Foodservice Design, Inc.
Merit Award
San Francisco Conservatory of Music, with Perkins+Will; also Forell/Elsesser Engineers; Flack + Kurtz; Kirkegaard Associates
Special Citation
Clark University for the Academic Commons at Goddard Library, with Perry Dean Rogers | Partners Architects; also Consigli Construction Company, Inc.; LeMessurier Consultants; BVH Integrated Services; Tillotson Design Associates
Special Citation
The Ohio State University for The William Oxley Thompson Memorial Library, with Gund Partnership; also Acocik Associates Architects; Turner Construction Company; Smoot Construction; Heapy Engineering; Schooley Caldwell Associates; LAM Partners; Shelley Metz Baumann Hawk

Jurors
Thomas Fortier, Chair
Principal, Zimmer Gunsul Frasca Architects, LLP
Carl Elefante
Principal and Director of Sustainable Design, Quinn Evans Architects
Mark H. Hough
Campus Landscape Architect, Duke University

Jennifer Jones
Principal, Carol R. Johnson Associates
Reed Kroloff
Director, Cranbrook Academy of Art and Art Museum

David P. Lenox
University Architect and Director of Campus Planning and Design, Stanford University
Laura V. Shinn
Director of Planning, Office of Facilities Operations and Development, Ohio State University
The 2010 recipient for SCUP’s Institutional Innovation and Integration Award is Vancouver Island University in Nanaimo, British Columbia, Canada for their entry, Nanaimo Campus Master Plan – Integrated Planning Process (NCMP). It was submitted by Ric Kelm, executive director, facilities services and campus development at the university.

This award recognizes and honors the achievement of higher education institutions or teams of individuals whose work demonstrates innovative thinking, planning, and implementation in an integrated fashion.

The NCMP is the result of an extensive consultation process with the campus community, the First Nations community, the City of Nanaimo, the local business community, and residents in adjacent neighborhoods. The plan addresses campus development, educational and community issues, modifications to existing buildings, construction of new facilities, and a strategy that delineates spatial structure and composition, environmental sustainability, and experiential quality. It also contains technical studies that provide a base for decisions and recommendations including site analysis, inventory of existing facilities, transportation strategy, and sustainability policy.

The plan was a catalyst for establishment of an integrated planning process at VIU that will coordinate planning for strategic, academic, research, and ancillary services, and fiscal, operational, social, and physical activities for maximum focus and performance of future developments. The plan supports the academic plan by addressing required infrastructure and facilities deficiencies, enhancing research and learning capacity, and accommodating new programs and technologies. The geo-exchange district energy system is key to long-term sustainable operation and has the potential to reduce campus energy use and GHG emissions by more than 75%.

The plan proposes a compact academic core surrounded by student and market housing development. These developments will add a critical mass of residential life and activity, reduce environmental implications of intensive commuting, and conform to City of Nanaimo and Nanaimo Regional District growth containment patterns.

The NCMP defines infrastructure investment priorities and resource utilization. The University Center project is a capital priority. It consists of two new academic complexes, a comprehensive university, student and community center, an academic square connecting these buildings, a sports, health and wellness center, a geo-exchange district energy system, and a sustainable transportation initiative. It integrates academic space, student service space, community services, and ceremonial facilities for aboriginal programs.

The most dramatic change of focus resulting from the plan was in environmental sustainability, as stated in the university’s vision “to see higher education take a leadership role in preparing students and employees to achieve a just and sustainable society. The campus itself would serve as a model of sustainability, with curriculum and operations reflecting an integrative approach to learning and practice. The process of education would emphasize active, experiential, inquiry based learning and real-world problem solving. On the model campus, all sectors would work collaboratively to advance sustainability, and the content and context of learning would reflect a focus on systemic, interdisciplinary thinking with respect to human health, ethics, future generations, and planetary stewardship.”
2010 FOUNDERS’ (CASEY) AWARD FOR DISTINGUISHED ACHIEVEMENT IN HIGHER EDUCATION PLANNING

Jeanne L. Narum, Founding Director, Project Kaleidoscope; Director, The Independent Colleges Office; and Principal, Project Kaleidoscope Learning Spaces Collaboratory is the 2010 SCUP Founders’ (Casey) Award Recipient. The award is named after K.C. Parsons, charter SCUP member and its first president. Parsons’ work focused on contributing to the community and its impact on people using the space or facility. He was also a strong proponent of mentoring.

For the past 20 years, as Director of Project Kaleidoscope (PKAL), Narum has significantly impacted science, technology, engineering and mathematics (STEM) programs, pedagogy, facilities, individuals and institutions. The notion that engaged students are more successful learners, and the assessment of “what works,” has transformed the learning environment and transformed faculty, administrators, planners, and architects who participated in PKAL workshops, colloquia, meetings, and publications.

Participants have hands-on experience with contemporary pedagogies and in-depth conversations about how to set and assess student learning goals, develop courses, identify pedagogies, and make decisions about policies, budgets, and spaces that serve those goals.

Narum helped produce a series of electronic and print publications to support and extend discussions at PKAL meetings, and capture best ideas and lessons learned from the broader community of stakeholders.

Campuses now require that architects hired to design STEM facilities have PKAL experience and understand contemporary science education. More than 6,500 individuals and 1,400 institutions have participated in at least one PKAL event.

Her nominators say this award honors not only Narum, but also college/university faculty, students, administrators, and others who have helped bring science education to the forefront of education.

She has an impressive list of publications, presentations, workshops, roundtables, seminars and other contributions to the body of knowledge about institutional planning, theory and practice. Almost every PKAL event focuses on bringing people together – to identify, nurture, and support leaders taking responsibility for shaping robust undergraduate STEM learning environments. She is a master at building bridges that cross boundaries of disciplines, institutional types, and spheres of responsibility.

Previous Founders’ Award Recipients

David E. Hollowell  Clark Kerr  Thomas R. Mason
M. Perry Chapman  Frederick W. Mayer  George C. Keller
Rodney Rose  Jack E. Robinson  Clinton N. Hewitt
Arthur J. Lidsky  William F. Massy  Jack E. Freeman
O. Robert Simha  Hideo Sasaki  Raymond M. Haas
Patrick O’Meara  Lyman A. Glenny 
John D. (Jack) Telfer  Richard P. Dober
Dennis P. Jones  Marvin W. Peterson
Harlan D. Bareither  Robert C. Shirley

2010 DISTINGUISHED SERVICE AWARD

Nancy Tierney has been named the SCUP 2010 Distinguished Service Award Recipient. She currently is the Associate Dean, Planning & Facilities, University of Arizona College of Medicine – Phoenix.

Her well-deserved selection is based on many accomplishments and contributions to SCUP over 25 years in numerous roles, including presenter; regional conference chair; SCUP international conference program chair; at-large member of the board of directors, member of a regional council; and SCUP president.

Beyond these more public roles, Tierney has also made significant behind-the-scenes contributions, having served on various task forces, committees and working groups. She chaired the SCUP task force on sustainability in 2001–03 and again in 2008–09; served on the SCUP culture task force; assisted on the development of the three-step planning institute; and advanced the production of SCUP audio conferences and broadcasts.

Beyond these more formal SCUP roles, Tierney has contributed to the organization in quiet ways as a mentor to members and emerging leaders through her warm, wise, and caring style.

In addition to the benefits she has brought to SCUP by her direct involvement, Tierney has elevated the organization by playing key roles in other leading national organizations such as the Group on Institutional Planning, Association of American Medical Colleges, and the American Planning Association.

Tierney’s career in higher education epitomizes that of the successful member of SCUP. Following her BS at the University of Kentucky and Masters in Community Planning at the University of Cincinnati, she has been:

• University Planner and Campus Planner, University of Chicago, 1981–83
• Consultant and Researcher, Facilities Management Institute, Ann Arbor, 1984–88
• Facilities Planner, University of Michigan Medical School, 1988–2002
• Director, Facilities Planning and Management, Stanford School of Medicine, 2002–08
• Associate Dean, Planning & Facilities, University of Arizona College of Medicine, 2008–present

Previous Distinguished Service Award Recipients

Thomas B. Flaherty  John A. Dunn  Marilyn McCoy
Joan Racki  Ira Fink  and The University of Michigan
Calvert Audrain  Donald M. Norris  Marvin W. Peterson
J. Thomas Bowen  Haskin R. Pounds  Raymond M. Haas
Richard A. Rigerink  Space Management Workshop Team:
The University of Delaware  Clinton N. Hewitt
James L. Murdock  O. Robert Simha
Trudis Heinecke  William R. Tibbs
Brian Nedwek  Elizabeth Anderson
Rodney Rose  Richard Franz
Daniel K. Paulien  Margaret M. McDermott
Helen Giles-Gee  Joanne D. Cate
David E. Hollowell
Herman Miller sees learning spaces as an equation: people + pedagogy + place = possibilities. We pay close attention to the people involved, the types of pedagogy taking place today and beyond, and the ways that place can enhance the learning experience. The sum of these three parts equals new possibilities for faculty, students, administrators, and the community. Herman Miller welcomes a conversation with you to discuss your school’s possibilities and how we can help you realize them.

HGA is an integrated architecture, engineering and planning firm. Our success in working with higher education institutions comes from understanding the issues and concerns unique to each campus. HGA’s culture for collaboration, knowledge sharing and design investigation provides clients with responsive, innovative and sustainable design. HGA—building momentum for the future.

Sasaki provides professional design and consulting services in architecture, engineering, planning, surveying, economics, and project management. We support public and private sector clients in a diverse range of markets, at every stage, from initial concept and financial feasibility to project completion and beyond. Sasaki is One Team providing Infinite Solutions.
SILVER COLLEAGUE

McCarthy Building Companies, Inc.
Jaime Garrido, Director of Client Services
80 E Rio Salado Pkwy, Ste 310, Tempe, AZ 85281
480.449.4700 phone; 480.449.4747 fax
jgarrido@mccarthy.com
www.mccarthy.com

Founded in 1864, McCarthy Building Companies, Inc. (www.mccarthy.com) is one of America’s top five education builders, providing construction management, design-build and general contracting services. McCarthy is 100 percent employee-owned with offices in Atlanta, St. Louis, Dallas, Las Vegas, Phoenix, Newport Beach, San Diego, San Francisco and Sacramento.

BRONZE COLLEAGUE

Rickes Associates, Inc.
Persis C. Rickes, President
One Westinghouse Plaza, Boston, MA 02136
617.344.4444 phone; 617.364.4845 fax
persis@rickesassociates.com
www.rickesassociates.com

Rickes Associates is a solution-oriented higher education planning firm dedicated to providing analysis and supporting decision-making on issues affecting people, programs, and space. The work of the firm is grounded in a thorough understanding of the broad forces shaping the future of higher education. Our experience and expertise encompass master plans and space optimization studies, space programs for buildings as well as entire campuses, instructional space utilization studies, strategic planning and organizational studies, space inventories and benchmarking, and policy and process analysis. We have completed more than 250 planning projects on 150 higher education campuses across 23 states and four countries.

Aconex, Inc.
Kathryn Hall, Marketing Programs Manager
505 Montgomery St, Ste 1007, San Francisco, CA 94111
415.874.3520 phone
klhall@aconex.com
www.aconex.com

Aconex is the most widely-used online collaboration platform for multi-party engineering and construction projects. Uncompromising neutrality, relentless innovation, and unlimited service have made Aconex the benchmark for system adoption, empowering government, infrastructure, and commercial project teams to mitigate risk and maximize return through complete and compliant information exchange between all parties to drive accountability and satisfy project stakeholders.

EYP

Einhorn Yaffee Prescott
Architecture & Engineering P.C.

EYP Architecture & Engineering
Heather Taylor, Project Executive
24 School St, Boston, MA 02108
617.305.9840 phone
htaylor@eypae.com
www.eypae.com

Knowledge. Discovery. Execution. EYP designers and experts are passionate about what they do. They have dedicated their careers to programming, planning, and designing particular types of buildings, and their enthusiasm for learning never ends. Every day, we grow and enhance our deep knowledge by exploring challenging new ideas. Our designs are founded through a journey of discovery with our clients that reveals insights, builds confidence, and spurs innovation. We are here to listen, create, and inspire.

Mackey Mitchell Architects
Eugene J. Mackey, Principal
401 N 18th St, Ste 200, St. Louis, MO 63103
314.421.1815 phone; 314.421.5206 fax
gene_m@mackeymitchell.com

Mackey Mitchell Architects, established in 1968, has been bringing architectural vision and integrity to college campuses for over 30 years. Our national reputation as a leader in campus design is a testament to our commitment to providing environments that are livable, sustainable, and appropriate to their surroundings. Mackey Mitchell’s designs foster an atmosphere where students learn to balance their lives, equally rich in academic, recreation, and social activities.
Mortenson Construction
Blair McNeil, Construction Executive
700 Meadow Ln N, Minneapolis, MN 55422
763.287.5350 phone; 763.287.5457 fax
blair.mcneil@mortenson.com
www.mortenson.com

Mortenson Construction, established in 1954, is a Minneapolis-based, family-owned construction company. We have offices in six states and have grown to be the 27th largest builder in the country. We operate as a diverse construction organization, and are especially proud of our relationships with higher education institutions.

SMMA
Mark J. Zarillo, Principal
Robert C. Hicks, Project Manager
1000 Massachusetts Ave, Cambridge, MA 02138
617.547.5400 phone; 800.648.4920 fax
mzarillo@smma.com, rhicks@smma.com
www.smma.com

SMMA is an integrated design firm offering architecture, engineering, planning, and interior design services. Founded in 1955, SMMA is a company of 180+ professionals with offices in Cambridge, Massachusetts, and Providence, Rhode Island. Our mission is to lead clients to their goals through design excellence.

WRNS Studio
John Ruffo, Partner
501 Second St, Ste 402, San Francisco, CA 94107
415.489.2226 phone; 415.358.9100 fax
jruffo@wrnsstudio.com
www.wrnsstudio.com

WRNS Studio is a 50-person architecture firm with design and planning for higher education at the core of its business. The firm leadership brings over 30 years of experience leading a variety of efforts with an emphasis on integrated planning and design. Their efforts serve to define and reconcile diverse and complex programmatic needs while laying the foundation for the thoughtful development and realization of an architecture specifically tailored to program and place. WRNS Studio has a strong reputation for high quality sustainable design, contextual engagement and client responsiveness.

WTC Consulting, Inc.
Ron Rutherford, Director of Marketing
801 S Grand Ave, Ste 700,
Los Angeles, CA 90017
213.689.5309 phone; 213.622.0840 fax
rrutherford@wtc-inc.net
www.wtc-inc.net

WTC Consulting, Inc. is a national professional services firm delivering consulting services to higher education, health care, and public sector clients. For more than 26 years, WTC has helped organizations solve their complex networking, IT, and telecommunications challenges through Strategy, Acquisition, and Implementation. WTC has conducted more than 850 engagements for 210 clients.

RFD
Megan Todd, Marketing Manager
3965 5th Ave, Ste 400, San Diego, CA 92103
619.297.0159 phone; 619.294.4901 fax
mt@rfd.com
www.rfd.com

RFD is a team of architects, engineers and technical staff specializing exclusively in the programming and design of laboratory facilities for college and university, industry and governmental clients. RFD has consulted on more than 1,000 projects in 46 states throughout the U.S., Canada, United Kingdom, Malaysia, Kuwait, Abu Dhabi and Australia. RFD exists to help Owners and Architects create imaginative, state-of-the-art, functional laboratory environments for exploration, discovery and learning.
SCUP would like to thank all the exhibitors who have come to Minneapolis this year to be a part of SCUP–45. The Idea Marketplace floor plan is below and brief descriptions of the exhibitors are on the following pages. First-time SCUP exhibitors are designated as NEW and we thank them for choosing to exhibit with us. We also extend a big thank-you to those who are returning. Plan to visit all of the booths and experience this collegial learning environment!

**HOURS**

**Saturday, July 10**
- 8:00 AM–5:00 PM Exhibitors Set Up Booths

**Sunday, July 11**
- 8:00 AM–Noon Exhibitors Finish Set-up
- 2:30 PM–5:00 PM Idea Marketplace Open
- 3:30 PM–5:00 PM Reception

**Monday, July 12**
- 7:00 AM–6:00 PM Open
- 7:00 AM–8:15 AM Continental Breakfast
- 11:30 AM–1:00 PM Lunch
- 4:45 PM–6:00 PM Wine & Cheese Reception

**Tuesday, July 13**
- 7:00 AM–1:00 PM Open
- 7:00 AM–8:15 AM Continental Breakfast
- 10:00 AM–10:30 AM Refreshment Break
- 11:30 AM–12:45 PM Lunch
- 1:00 PM Closed, Teardown Begins

**MAP**
<table>
<thead>
<tr>
<th>Booth</th>
<th>Company/ Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>104/106/108</td>
<td>Gilfus Education Group</td>
</tr>
<tr>
<td>104</td>
<td>New</td>
</tr>
<tr>
<td>110</td>
<td>New</td>
</tr>
<tr>
<td>112</td>
<td>Returning</td>
</tr>
<tr>
<td>116/118</td>
<td>New</td>
</tr>
<tr>
<td>120</td>
<td>Returning</td>
</tr>
<tr>
<td>122</td>
<td>New</td>
</tr>
<tr>
<td>124</td>
<td>New</td>
</tr>
<tr>
<td>126</td>
<td>Returning</td>
</tr>
<tr>
<td>128</td>
<td>Returning</td>
</tr>
<tr>
<td>130</td>
<td>New</td>
</tr>
<tr>
<td>225</td>
<td>New</td>
</tr>
<tr>
<td>226</td>
<td>Returning</td>
</tr>
<tr>
<td>227</td>
<td>Returning</td>
</tr>
<tr>
<td>228</td>
<td>Returning</td>
</tr>
<tr>
<td>303</td>
<td>Returning</td>
</tr>
<tr>
<td>304</td>
<td>Returning</td>
</tr>
<tr>
<td>305</td>
<td>Returning</td>
</tr>
<tr>
<td>306</td>
<td>Returning</td>
</tr>
<tr>
<td>309/310</td>
<td>Returning</td>
</tr>
<tr>
<td>311</td>
<td>Returning</td>
</tr>
<tr>
<td>312</td>
<td>Returning</td>
</tr>
<tr>
<td>325</td>
<td>Returning</td>
</tr>
<tr>
<td>326</td>
<td>Returning</td>
</tr>
<tr>
<td>329</td>
<td>New</td>
</tr>
<tr>
<td>330</td>
<td>New</td>
</tr>
<tr>
<td>331</td>
<td>New</td>
</tr>
<tr>
<td>332</td>
<td>New</td>
</tr>
<tr>
<td>333</td>
<td>New</td>
</tr>
<tr>
<td>340</td>
<td>Returning</td>
</tr>
<tr>
<td>345</td>
<td>Returning</td>
</tr>
<tr>
<td>346</td>
<td>New</td>
</tr>
<tr>
<td>350</td>
<td>Returning</td>
</tr>
<tr>
<td>351</td>
<td>New</td>
</tr>
<tr>
<td>352</td>
<td>Returning</td>
</tr>
<tr>
<td>353</td>
<td>Returning</td>
</tr>
<tr>
<td>354</td>
<td>Returning</td>
</tr>
<tr>
<td>355</td>
<td>Returning</td>
</tr>
<tr>
<td>356</td>
<td>New</td>
</tr>
<tr>
<td>357</td>
<td>Returning</td>
</tr>
<tr>
<td>358</td>
<td>Returning</td>
</tr>
<tr>
<td>359</td>
<td>New</td>
</tr>
<tr>
<td>360</td>
<td>Returning</td>
</tr>
<tr>
<td>361</td>
<td>Returning</td>
</tr>
<tr>
<td>362</td>
<td>Returning</td>
</tr>
<tr>
<td>363</td>
<td>Returning</td>
</tr>
<tr>
<td>364</td>
<td>Returning</td>
</tr>
<tr>
<td>365</td>
<td>Returning</td>
</tr>
<tr>
<td>366</td>
<td>Returning</td>
</tr>
<tr>
<td>367</td>
<td>Returning</td>
</tr>
<tr>
<td>403</td>
<td>Returning</td>
</tr>
<tr>
<td>404</td>
<td>Returning</td>
</tr>
<tr>
<td>405</td>
<td>Returning</td>
</tr>
<tr>
<td>406</td>
<td>Returning</td>
</tr>
<tr>
<td>407</td>
<td>Returning</td>
</tr>
<tr>
<td>408</td>
<td>Returning</td>
</tr>
<tr>
<td>409</td>
<td>Returning</td>
</tr>
<tr>
<td>410</td>
<td>Returning</td>
</tr>
<tr>
<td>411</td>
<td>Returning</td>
</tr>
<tr>
<td>412</td>
<td>Returning</td>
</tr>
<tr>
<td>413</td>
<td>Returning</td>
</tr>
<tr>
<td>414</td>
<td>Returning</td>
</tr>
<tr>
<td>415</td>
<td>Returning</td>
</tr>
<tr>
<td>416</td>
<td>Returning</td>
</tr>
<tr>
<td>417</td>
<td>Returning</td>
</tr>
<tr>
<td>418</td>
<td>Returning</td>
</tr>
<tr>
<td>419</td>
<td>Returning</td>
</tr>
<tr>
<td>420</td>
<td>Returning</td>
</tr>
<tr>
<td>421</td>
<td>Returning</td>
</tr>
</tbody>
</table>
Acentech

Acentech Inc. (Booth 712)
Wayne Cornell, Supervisory AV/IT Consultant
33 Moulton St, Cambridge, MA 02138
617.499.8067 phone; 617.499.8074 fax
wcornell@acentech.com
www.acentech.com

Acentech provides comprehensive consulting in acoustics, audiovisual and information technology systems, and noise and vibration mitigation to colleges and universities. With more than 60 years experience, our extensive higher education portfolio includes projects for teaching, learning, research, the arts, sports, worship and campus living. Visit www.acentech.com.

Aconex

Aconex, Inc. (Booth 829)
Kathryn Hall, Marketing Programs Manager
505 Montgomery St, Ste 1007, San Francisco, CA 94111
415.874.3520 phone
klhall@aconex.com
www.aconex.com

Aconex is the most widely-used online collaboration platform for multi-party engineering and construction projects. Uncompromising neutrality, relentless innovation, and unlimited service have made Aconex the benchmark for system adoption, empowering government, infrastructure, and commercial project teams to mitigate risk and maximize return through complete and compliant information exchange between all parties to drive accountability and satisfy project stakeholders.

AECOM

AECOM (Booth 228)
San Francisco:
Stephen Engblom | 415.955.2972 | stephen.engblom@aecom.com
Washington, DC:
Bob Perry | 202.431.6352 | bob.perry@aecom.com
Minneapolis:
Mic Johnson | 612.376.2138 | mic.johnson@aecom.com
New York:
Kate Coburn | 212.481.6911 | kate.coburn@aecom.com
www.aecom.com

AECOM is a global professional services firm providing integrated design, planning, architecture, economics, engineering, and environmental services to a broad range of markets and has depth in Educational Campus Planning. Our project teams can address every layer of a campus and every phase of its development through a collaborative, systemic approach. Our work bridges dorm rooms and playing fields, grey infrastructure and green infrastructure, land and buildings, economy and ecology, society and nature. We blend global knowledge, local experience, technical excellence, innovation and creativity to offer our clients unparalleled possibilities. www.aecom.com

American Campus Communities

American Campus Communities (Booth 227)
Teri Bump, VP, University Relations
805 Las Cimas Parkway, Ste 400, Austin, TX 78746
512.732.1023 phone; 512.732.2450 fax
bump@studenthousing.com
www.americancampus.com

American Campus Communities Inc. is one of the largest developers, owners and managers of high-quality student housing communities in the United States. The company is a fully integrated, self-managed and self-administered equity real estate investment trust (REIT) with expertise in the design, finance, development, construction management, and operational management of student housing properties. American Campus Communities owns 85 student housing properties containing approximately 52,100 beds. The company also owns a minority interest in 18 joint venture properties containing approximately 9,800 beds. Including its owned, joint venture and third-party managed properties, ACC’s total managed portfolio consists of 136 properties with approximately 86,600 beds.

Ayers/Saint/Gross

Ayers/Saint/Gross Architects and Planners (Booths 520/522)
Jim Wheeler, President
1040 Hull St, Ste 100, Baltimore, MD 21230
410.347.8500 phone; 410.347.8519 fax
jwheeler@asg-architects.com
www.asg-architects.com

Ayers Saint Gross is a 120-person architectural design and planning firm with offices in Baltimore, Maryland, Washington, DC and Tempe, Arizona. The company is committed to engaging people to create designs that enrich the world. Currently working on 40 campuses worldwide, the firm focuses on designing sustainable environments for the dissemination of knowledge and culture, with a multidisciplinary team approach of architects, planners, landscape architects and graphic designers.
BAI, LLC (Booth 625)
Scott Samson, Principal
4006 Speedway, Austin, TX 78751
512.658.8679 phone; 512.476.9442 fax
scott@baiaustin.com
www.baiaustin.com

BAI is a 76-year old company that provides consulting in architectural acoustics services, audio, audiovisual and information technology systems design. The company’s projects include theaters, arenas, stadiums and academic facilities.

BASWA Acoustic North America (Booth 225)
Angela Sellers, Marketing
3900 Ben Hur Ave, Ste 10,
Willoughby, OH 44094
440.951.6022 phone; 440.951.6012 fax
angela@baswaphon.com
www.baswaphon.com

BASWAphon Seamless Acoustical Finish Systems. A smooth, seamless sound absorptive system with NRC ratings of up to 0.85 that can be vaulted, curved or domed. It is tintable to match any color or multiple colors. These systems are completely field installed so there are no pre-installation measurements needed, eliminating incorrect pre-cut product dimensions. BASWAphon is a very sustainable product, possibly providing points in up to 9 LEED categories. BASWAphon is available in many custom finishes.

Biamp Systems (Booth 503)
Todd Bergum, Regional Manager
9300 SW Gemeni Dr, Portland, OR 97008
800.806.1457 phone
info@biamp.com
www.biamp.com

Achieve mass notification and critical paging success from the company that understands audio intelligibility. For over 30 years, organizations around the world have depended on Biamp to deliver reliable, effective audio innovations. Now, Voca® is the fail-safe, networked critical paging system built from the ground up to meet safety standards like NFPA-72. Let Biamp exceed your campus-wide paging expectations.

Bozoian Group Architects | Larson Engineering Inc. (Booth 710)
Katherine Bozoian, Bozoian Group Architects, President
katherine@bozoiangroup.com
Keith Quick, Larson Engineering, Department Manager, Principal
kquick@larsonengr.com

Bozoian Group Architects and Larson Engineering analyze buildings and evaluate re-cladding options for structures built with little regard for energy consumption or knowledge of best practices for moisture control. Colleges and Universities can preserve the value of existing structures and overhaul their performance and aesthetics to extend building life significantly.

Brailsford & Dunlavey (Booth 605)
Brent (B.J.) Rudell, Marketing Director
1140 Connecticut Ave NW, Ste 400,
Washington, DC 20036
202.289.4455 phone; 202.289.6461 fax
marketing@facilityplanners.com
www.facilityplanners.com

Brailsford & Dunlavey is a facility planning and program management firm. B&D assists clients in developing quality of life facilities such as campus housing, student athletics and recreation centers, student unions, stadiums, and arenas. Our services include strategic planning, market analysis, financial analysis, architectural programming, referendum assistance, business planning, and program management. Headquartered in the District of Columbia, B&D also maintains offices in California, Illinois, Ohio, and North Carolina.

Burt Hill (Booth 612)
Dori Landry, Senior Associate
1056 Thomas Jefferson St NW,
Washington, DC 20007
202.339.6893 phone; 202.333.3159 fax
dori.landry@burthill.com
www.burthill.com

Burt Hill is an international design firm specializing in performance-based, functionally innovative design. We believe that the spaces in which we learn, teach, and live shape people’s experiences. We work closely with our higher education clients to create campus master plans and facilities that inspire, that improve, that impact experiences.
Cannon Design (Booth 628)
Debi L. McDonald, Associate Principal
100 Cambridge St, Ste 1400, Boston, MA 02114
617.742.5440 phone; 617.723.8832 fax
dmcdonald@cannondesign.com
www.cannondesign.com
Cannon Design’s leadership in the creation of new campuses and facilities for higher education is aligned with our core values of design excellence, innovation and sustainability. We shape environments that invite exploration, nurture creativity and contribute to student success. The firm employs a staff of over 1,000, delivering services in 17 offices throughout North America, as well as abroad in Shanghai, China, and Mumbai, India.

Carol R. Johnson Associates, Inc. (Booth 411)
Jennifer Jones, Principal
115 Broad St, Boston, MA 02138
617.896.2590 phone; 617.896.2340 fax
jjones@crja.com
www.crja.com
Carol R. Johnson Associates, Inc. is a 60-person, Boston-based landscape architectural firm with branch offices in Knoxville, TN, and Abu Dhabi, UAE. CRJA serves national and international clients in both the public and private sectors. College and university landscape master planning and site design continue to be mainstays of the firm’s practice.

Centerbrook Architects and Planners (Booth 128)
Christopher Hill, Director, Business Development
67 Main St, PO Box 955, Centerbrook, CT 06409
860.767.0175 phone; 860.767.8719 fax
hill@centerbrook.com
www.centerbrook.com
Centerbrook is a national architecture and planning firm specializing in academia. Recipient of the prestigious National AIA “Firm of the Year” award, we are 63 people from 8 countries who have designed campus residence halls, museums, laboratories, classrooms, arts centers, dining halls, athletic arenas, libraries, and student centers.

CHANCE Management Advisors, Inc. (Booth 609)
Barbara J. Chance, President and CEO
1600 Market St, 26th Fl
Philadelphia, PA 19103-7219
215.564.6464 phone; 215.564.6472 fax
barbara.chance@chancemanagement.com
www.chancemanagement.com
Since 1984, leading universities and medical centers nationwide have turned to CHANCE Management Advisors, Inc. to address their most pressing parking and transportation challenges. Through realistic solutions developed by its highly experienced consultants, CMA enables its clients to dramatically improve service delivery while conserving capital and environmental resources.

Collaborative Design Group, Inc. (Booth 329)
William D. Hickey, Principal
100 Portland Ave, Ste 100,
Minneapolis, MN 55401
612.332.3654 phone; 612.332.3626 fax
bhickey@collaborativedesigngroup.com
www.collaborativedesigngroup.com
Collaborative Design Group is a name carefully considered to reflect our fundamental belief that the design process is a collaborative effort, with our clients as integral members of the team. The firm provides a range of services including architectural design, planning, programming, interior design, structural engineering, and historic preservation services.

CollegeNET, Inc. (Booth 626)
Bruce Sylva, Series 25 Sales Manager
805 SW Broadway, Ste 1600,
Portland, OR 97205
503.973.5200 phone; 503.973.5252 fax
bruce@collegenet.com
www.corp.collegenet.com
Innovation, Efficiency, Balance – Accomplish More, Consume Less. CollegeNET improves efficiencies and communication for higher education with advanced web-based technologies that support admissions, class and event scheduling, space and resource management, course evaluation, commencement, alumni relations, and IT change management. See us at SCUP 2010 to learn more about our exceptional online services.
Construction Cost Systems, Inc. (Booth 405)
Clive Bransby, Principal
1815 S Meyers Rd, Ste 200,
Oakbrook Terrace, IL 60181
630.678.0808 phone; 630.678.0858 fax
cbransby@ccsos.com
www.ccsos.com

Construction Cost Systems, Inc. is an independent consulting firm specializing in the preparation of construction cost estimates at all phases of design. CCS provides professionals with detailed, objective information that represents the scope, complexity and quality anticipated for their projects.

Convergent Technologies Design Group, Inc. (Booth 512)
Bill Holaday, Project Manager
6501 York Rd, Baltimore, MD 21212
410.532.2395 phone; 410.532.2396 fax
bholaday@ctdginc.com
www.ctdginc.com

Convergent Technologies provides Audiovisual Systems, Telecommunications Cabling Systems, Security Systems, and Acoustics, Noise & Vibration Control design services to support technology initiatives within colleges and universities across the country. With offices in Maryland and Arizona our goal is to deliver quality technology design solutions that establish or enhance institutional standards while complementing various pedagogical styles and objectives.

Corbin Design (Booth 504)
Shelley Steele, Vice President, Marketing
109 E Front St, Ste 304, Traverse City, MI 49684
231.947.1236 phone; 231.947.1477 fax
shelley@corbindesign.com
www.corbindesign.com

Corbin Design has 33 years of experience in graphic design and is a national leader in developing wayfinding and signage systems. The firm has developed wayfinding systems for 30 campuses including Penn State University, Purdue University, Utah Valley University and the University of Nebraska-Lincoln. People get lost. We fix that.

Dero Bike Rack Co. (Booth 421)
Mark Skoine, Marketing
2657 32nd Ave S, Minneapolis, MN 55406
612.359.0689 phone; 612.331.2731 fax
mark@dero.com
www.dero.com

Dero Bike Rack Co. has been supplying bike racks to some of the largest and most prestigious campuses in North America for over a decade. Our racks, shelters, and lockers include features essential to campus bike parking: aesthetically distinctive, high security, maintenance-free, space efficient, and are durable enough to withstand harsh weather. We also offer the Dero Zap, a wifi connected, solar powered, web based, tamperproof, bike commuter verification and reporting system.

Design Collective (Booth 422)
Fred Marino, Partner
601 E Pratt St, Ste 300, Baltimore, MD 21202
410.685.6655 phone; 410.539.6242 fax
fmarino@designcollective.com
www.designcollective.com

Design Collective is an award-winning multi-disciplinary design firm headquartered in Baltimore, MD, with a branch office in Durham, NC. Founded in 1978, the firm provides innovative solutions nationally and internationally in architecture, planning, landscape architecture, and interior architecture. Design Collective offers campus master plans and distinguished buildings that support the academic, research and student activities that embody campus life. Committed to unsurpassed client service, we deliver innovative design solutions utilizing the most advanced building technology available. Project delivery methods are tailored to each client’s specific needs and resources. For additional information, please visit www.designcollective.com.
DiMella Shaffer (Booth 513)
Ed Hodges, Principal
281 Summer St, Boston, MA 02210
617.426.5004 phone; 617.426.0046 fax
ehodges@dimellashaffer.com
www.dimellashaffer.com

DiMella Shaffer, with offices in Boston and Seattle, is an architecture and design firm who has been working successfully with higher education institutions for over 40 years. We understand the unique budget, scheduling and philosophical concerns of universities and colleges—from allocating limited funds to managing community relations when developing new projects and ensuring that all campus buildings balance innovation with a commitment to the university’s heritage.

EDC (Booth 425)
Raymond Hunt, Vice President
1660 Huguenot Rd, Midlothian, VA 23113
804.897.0900 x125 phone; 804.897.0901 fax
rhunt@edcweb.com
www.edcweb.com

EDC provides Owners Representation and Project Management services to institutional investors for the design and construction of their new and renovated facilities. Our clients include the Virginia Tech Foundation, Hollins University, UNCG Capital Facilities Foundation, Bridgewater College, Wofford College and Lees-McRae College.

Ellenzweig (Booth 516)
Catherine Hunt, Senior Associate
1280 Massachusetts Ave, Cambridge, MA 02138
617.575.7640 phone; 617.868.2318 fax
hunt@ellenzweig.com
www.ellenzweig.com

Ellenzweig has been providing architecture and planning services to institutions of higher learning since 1965. Teaching and research buildings for academic sciences and the health sciences are the primary focus of our practice.

Erlab, Inc. (Booth 414)
Karl Aveard, Vice President Communications
338 Newburyport Tnpk, Rowley, MA 01969
978.948.2216 phone; 978.948.3354 fax
kaveard@erlab.com
www.erlab.com

Committed to safety, performance, energy efficiency and sustainability, GreenFumeHood is an innovative technology that has become the standard-bearer for the next generation of fume hoods. The Revolutionary laboratory fume hood with propriety Neutrodine® filtration technology for multidisciplinary handlings and network use. A Global Solution for Green Buildings.

Eustis Chair (Booth 412)
Fred Eustis, President
PO Box 842, Ashburnham, MA 01430
978.827.3103 phone; 978.827.3040 fax
fred@eustischair.com
www.eustischair.com

Eustis Chair is an owner-operated manufacturer of distinctive hardwood chairs for dining halls, libraries, and chapels. Our chairs are designed for elegance and comfort, and engineered for lasting durability. They are built by American craftsmen in our 100 year-old factory, located in Ashburnham, Massachusetts, the birthplace of US chair manufacturing.

EwingCole (Booth 610)
William McCullough, Principal
100 N 6th St, Philadelphia, PA 19106-1590
215.625.4673 phone; 215.574.9163 fax
wmccullough@ewingcole.com
www.ewingcole.com

EwingCole, in practice for 49 years, is a national, fully integrated architecture, engineering, interior design, and planning firm of more than 330 professionals in Irvine, Philadelphia, and Washington, DC. We possess the proven ability to design and adapt buildings that reflect and celebrate a school’s academic and institutional vision, both on campus and beyond. Our portfolio includes collaborative learning environments, gathering spaces, athletic and recreational venues, libraries, performing arts centers, science and research centers, dining facilities, student residences and campus planning.
Faithful+Gould (Booth 110)
Jonathan Marshall, Vice President
900 2nd Ave S, Ste 500, Minneapolis, MN 55402
612.338.3120 phone; 612.338.3647 fax
laura.okell@fgould.com
www.fgould.com
With more than 60 years of experience and nearly 20 offices nationwide, Faithful+Gould is a premier construction consultant. We deliver expert construction, program and cost management services to public and private sector clients in the aviation and transport, commercial, education, energy, food and beverage, government, health care, infrastructure and pharmaceutical industries.

Gate Precast Company
Gate Precast Company (Booth 510)
Jim Lewis, Director of Architectural Systems
3000 Old Alabama Rd, Ste 119-305, Alpharetta, GA 30022
904.910.0171 phone
jlewis@gateprecast.com
www.gateprecast.com
Gate has produced sustainable structures on more than 50 college campuses since 2000. With eight plants and multiple sales offices, Gate Precast is one of the nation’s largest producers of architectural/structural precast concrete. We offer design assistance to our higher education clients to maximize the performance, value, and innovative attributes.

Gilfus Education Group®
Gilfus Education Group (Booths 104/106/108)
Stephen Gilfus, President and CEO
1050 Connecticut Ave, 10th Fl, Washington, DC 20036-3796
888.861.3375 phone; 202.318.4328 fax
steve@gilfuseducationgroup.com
www.gilfuseducationgroup.com
Founded by Stephen Gilfus, a father of modern day eLearning and the business and technical expert behind Blackboard, the world’s leading learning management system (LMS). The Gilfus Education Group is a global expert network of educational technology innovators, consultants, and seasoned practitioners. The Gilfus Education Group offers independent management consulting, technical implementation and industry research services to educational institutions, industry investors and the educational companies that serve them. We partner to help educational organizations and governments become better positioned to achieve strategic goals, compete for scarce resources, and plan for the future. The Gilfus Education Group provides strategy, implementation and research capabilities at the nexus of education, business and technology and is a global thought leader in fusing technology and innovation for education.

Goody Clancy (Booth 420)
Roger N. Goldstein, Principal
420 Boylston St, Boston, MA 02116
617.262.2760 phone; 617.262.9512 fax
roger.goldstein@goodyclancy.com
www.goodyclancy.com
Goody Clancy is a national firm of 100 architects, preservationists, planners and urban designers based in Boston. More than three-quarters of our work is dedicated to higher education with expertise in the design of research buildings, business schools, academic facilities, student housing, dining halls, recreational facilities and campus master plans. Seventy percent of our projects are with repeat clients. We design, preserve and renovate buildings that support, facilitate and express the teaching philosophy and cultural values of each institution. We currently have two major LEED Gold and Silver certified academic projects and six others, over 1.5 million SF, registered for LEED Silver certification or higher.

H2L2 Architects/Planners LLC (Booth 429)
Doug Steele, Principal
Fran Rucker, Director of Business Development
914 Market St, Philadelphia, PA 19106
215.925.5300 phone
www.h2l2.com
H2L2 is an award-winning international planning and design firm with an unsurpassed reputation for crafting inspired solutions that bring inspiring results. Throughout our 103 year history, we have focused on our four practice areas: architecture, planning, interior design and infrastructure. We bring common belief that successful structures and spaces should not merely perform. They should transform, creating enriching environments.

Hanbury Evans Wright Vlattas + Company (Booth 409)
Steven Gift, Design Principal
1115 E Cass St, Tampa, FL 33602
813.221.0770 phone; 813.221.0771 fax
sgift@hewv.com
www.hewv.com
Specialists in the creation of strong campus communities. Services include comprehensive campus master planning, programming, and architectural design of facilities that enhance student experiences and success—dining facilities, living/learning communities; academic space, technology centers, science labs, libraries, performing arts facilities and student unions.
Design, engineering and construction management firm with offices throughout the US. Portfolio includes projects for more than 400 colleges and universities including classroom and performance spaces, science centers, academic medical centers, 200+ sports facilities and campus-wide capital programs. Heery’s Stratus consulting group, comprised of former college and university presidents, vice presidents and deans, works with colleges and universities to leverage their assets and create competitive institutional advantage.

HGA is an integrated architecture, engineering and planning firm. Our success in working with higher education institutions comes from understanding the issues and concerns unique to each campus. HGA’s culture for collaboration, knowledge sharing and design investigation provides clients with responsive, innovative and sustainable design. HGA – building momentum for the future.

Holabird & Root is a leading architecture, engineering, interior design, and graphic illustration firm with a reputation for responding to client needs with intelligence and imagination. The firm has carefully planned and designed learning environments for clients throughout the United States, including several facilities in the Minnesota area.

Holzman Moss Bottino Architecture is a national architectural and interior design firm with a forty-year legacy of making memorable spaces. On campuses across the country we have designed student centers, libraries, dining halls, performing arts centers, classroom buildings, and museums.

Hunt Construction Group is recognized as a premier builder of higher education facilities that also includes today’s latest in collegiate athletic venues. Our contributions to college campuses are as varied as the curriculums and institutions themselves. From coast to coast, students and faculty of all ages are enjoying our fine facilities while obtaining a better quality of life. Hunt is everywhere you work, learn, and play!

Established in 1967, ISEC is the largest laboratory furniture and equipment subcontractor in the country. ISEC can facilitate every phase of interior construction offering Architectural Services, Design, Budgeting, Value Engineering, Estimating and Installation for a wide variety of laboratory projects in every discipline - Biotechnology, Education, Government, Healthcare, Industrial and Pharmaceutical. From small, rapid turn-key labs to major projects, ISEC is a national leader of innovative, worldwide solutions in the laboratory market.
izzy+ (Booths 116/118)
Toby Ball, Vice President of Sales for Vertical Markets
7505 Graves Creek Rd, Atascadero, CA 93422
toby.ball@izzyplus.com
www.izzyplus.com
izzy+ designs, manufactures and markets office furniture
and seating that solve real problems for real people. The
focus is to provide designers with the tools to create
inspiring work spaces for customers in home offices and
small businesses, in executive offices and board rooms, in
hospitals and classrooms. Its award-winning products are
marketed under the brands izzy, HÅG by izzy, Harter, Fixtures
Furniture, Zoom Seating and ABCO Office Furniture.

JCJ Architecture (Booth 706)
David H. Barkin, Principal, Director of Science and Technology
38 Prospect St, Hartford, CT 06103
860.247.9226 phone; 860.524.8067 fax
dbarkin@jcj.com
www.jcj.com
Throughout its 74-year history, JCJ Architecture has
established a reputation for designing exceptional and inspiring
environments that serve our clients and their stakeholders. In
addition to our portfolio of College and University work, JCJ
brings expertise from a diverse group of markets—including
K-12 Education, Science & Technology, Civic, Corporate/
Commercial and Hospitality. JCJ maintains offices in
Boston, Hartford, New York, Phoenix and San Diego.

J JR
J JR (Booth 416)
Nancy Hansis, Director of Business Development
625 Williamson St, Madison, WI 53711
608.327.4430 phone; 734.780.8970 fax
nancy.hansis@jjr-us.com
www.jjr-us.com
J JR provides sustainable campus master planning and
site design services for America’s institutions of higher
education. Having experience with more than 200
colleges and universities, J JR is committed to advancing
collaborative design, the creation of great places,
sustainable thinking, and innovative problem solving.

KAS Estimating Services, Inc. (Booth 415)
Jack Edwardoski, Vice President
201 Main St, Ste 200,
Manchester, CT 06042-3540
860.646.7600 phone; 860.647.0888 fax
jack.edwardoski@kas-est.com
www.kas-est.com
KAS provides construction cost consulting services,
including Value Engineering and Life Cycle Costing, to
owners, architects, engineers, construction managers and
contractors. Experience covers Healthcare, Research and
Higher Ed, K-12, Airport Terminals, Commercial and
Corporate Offices, Arts, Entertainment and Sports Facilities.

KBE Building Corporation (Booth 525)
Simon Etzel, Senior VP/Principal
30 Batterson Park Rd, Farmington, CT 06032
860.284.7415 phone
setzel@kbebuilding.com
www.kbebuilding.com
Regionally located in Farmington, Connecticut, and Columbia,
Maryland, KBE Building Corporation, is a 51-year-old,
$300 million, construction firm offering construction
management, design-build, and general contracting services
to our clients. KBE has completed more than 75 projects on
active university and college campuses including, academic,
residential, athletic, library and administration facilities.

Ki
Ki (Booths 309/310)
Nathan Jeske, Product Manager
1330 Bellevue St, Green Bay, WI 54302
920.468.2618 phone; 920.468.2618 fax
nathan.jeske@ki.com
www.ki.com
Ki designs and manufactures furniture and moveable
walls specifically for high-performance learning
environments, including classrooms, computer rooms
& labs, auditoriums & lecture halls, cafes & cafeterias,
administrative offices, conference rooms, lobby & lounge
areas, library & media centers and residence halls.
Kleinfelder/S E A Consultants (Booth 326)
Arthur Spruch, Director,
Higher Education Services
215 First St, Ste 320, Cambridge, MA 02142
617.498.4731 phone; 617.498.4630 fax
arthur.spruch@seacon.com
www.seacon.com

Kleinfelder/S E A Consultants has been a leader in planning, design, and engineering for more than 50 years. Harvard, Yale, Columbia, Brown, Duke, PENN, UMASS, MIT, Stanford, and other leading universities have sought our counsel on master planning initiatives, 3D modeling, materials testing and inspection, environmental, construction management, and underground infrastructure services. Through our Materials Management suite of services, technologies for visualization and modeling, and integrated asset management, our clients have achieved sustainable “invisible” campuses.

KPF
Kohn Pedersen Fox Associates (Booth 529)
Jill Lerner, Principal
111 W 57th St, New York, NY 10019
212.977.6500 phone; 212.956.2526 fax
jlerner@kpf.com
www.kpf.com

Kohn Pedersen Fox Associates is an international practice headquartered in New York, with offices in London, Shanghai, Hong Kong, Seoul, and Abu Dhabi. With a staff of more than 500 people representing 43 countries and speaking 30 languages, the firm provides architectural design, programming, urban design, master planning and graphic design services for clients in both the public and private sectors. Our extensive portfolio, which spans more than 35 countries, includes a wide range of projects from civic and cultural spaces to office, hotel and residential towers to educational and laboratory facilities.

KSQ Architects, PC (Booth 821)
David Short, President
406 S Boulder, Ste 500, Tulsa, OK 74103
918.592.0622 phone; 918.592.0645 fax
dwshort@ksqarchitects.com
www.ksqarchitects.com

KSQ Architects, PC has served education related clients since it’s inception in 1988. We are a full service architectural and interior design firm specializing in the planning and implementation of University Student Life Facilities. Our Principal driven design approach has proven successful on more than 50 campuses nation wide. With offices in Tulsa, Oklahoma; D/FW, Texas and White Plains, NY we can easily serve clients across the country. www.ksqarchitects.com

Limbach
Limbach Facility Services LLC (Booth 426)
Charlie Bacon, Chairman & CEO
31–35th St, Pittsburgh, PA 15201
412.359.2100 phone; 412.352.2235 fax
charlie.bacon@limbachinc.com
www.limbachinc.com

With over a century of operating experience, Limbach has grown into one of the nation’s premier mechanical contractors, maintaining 11 strategically stationed Branches throughout the US. Limbach is an industry-leading provider of sustainable building solutions focused on innovative and cost-effective HVAC management. Possessing a comprehensive understanding of the entire construction process, Limbach offers a wide-array of measures to achieve energy savings.

Madrax/Thomas Steele (Booth 505)
Andrea Clausen, Sales Manager
1080 Uniek Dr, Waunakee, WI 53597
608.849.1080 phone; 608.849.1081 fax
aclausen@thomas-steele.com
www.madrax.com
www.thomas-steele.com

Thomas Steele is one of the industry's leading manufacturer of commercial site furnishings. Our custom-made benches, tables, trash receptacles and planters add beauty and functionality to any outdoor design project. We set the global benchmark with our e-Steele™ finish and its five-year durability warranty. Madrax is the industry leader in commercial bike rack, bike storage and bike rack security manufacturing. Our bicycle racks and bicycle lockers can be found at universities, government facilities, municipal parks and commercial buildings across the country.

Marshall Furniture Inc. (Booth 410)
Michelle Wille, Vice President Sales
999 Anita Ave, Antioch, IL 60002
847.395.9350 phone; 847.395.9351 fax
michelle-wille@marshallfurniture.com
www.marshallfurniture.com

Marshall Furniture designs and builds custom lecterns, workstations, conference tables and much more. Our designers speak the languages of electronic system integration, architecture and custom millwork. We have extensive experience with green construction and ADA compliance. Our dealers depend on our designs to allow for heat dissipation, ease of wiring and maintenance. All our custom furniture carries an on-site, ten year warranty.
McCarthy Building Companies, Inc. (Booth 406)
Jaime Garrido, Director of Client Services
80 E Rio Salado Pkwy, Ste 310,
Tempe, AZ 85281
480.449.4700 phone; 480.449.4747 fax
jgarrido@mccarthy.com
www.mccarthy.com

Founded in 1864, McCarthy Building Companies, Inc. (www.mccarthy.com) is one of America’s top five education builders, providing construction management, design-build and general contracting services. McCarthy is 100 percent employee-owned with offices in Atlanta, St. Louis, Dallas, Las Vegas, Phoenix, Newport Beach, San Diego, San Francisco and Sacramento.

MENG Analysis (Booth 124)
Eric Meng, President
2001 Western Ave, Ste 200, Seattle, WA 98121
206.587.3797 phone; 206.587.0588 fax
emeng@mengnet.com
www.menganalysis.com

MENG Analysis is a northwest-based consulting firm specializing in Quality and Cost Performance Services, including: value analysis, constructability review, commissioning, cost estimating, and facility condition assessments. For over 33 years we have been involved with award-winning, technically innovative projects for major public, private, and institutional clients.

Moody•Nolan, Inc. (Booth 827)
Dana Ford, Market Director
300 Spruce St, Ste 300, Columbus, OH 43215
614.461.4664 phone; 614.280.8881 fax
dford@moodynolan.com
www.moodynolan.com

Moody•Nolan, Inc., an award winning architectural design firm, is the largest African American owned and operated design firm in the country. Headquartered in Columbus, Ohio, the 170-person firm has regional offices in Cleveland, Indianapolis, Nashville, Covington, Ky., Kansas City, Mo. and Washington, DC.

Moore Ruble Yudell Architects & Planners (Booth 519)
James Mary O’Connor, Principal
933 Pico Blvd, Santa Monica, CA 90405
310.450.1400 phone; 310.450.1403 fax
joconnor@mryarchitects.com
www.mryarchitects.com

Moore Ruble Yudell has earned an international reputation for excellence in design based on an unwavering commitment to humanistic principles and a thoughtful contemporary response to site and context. MRY has built a diverse portfolio of award-winning work that embraces the critical concerns of community, identity, and place. Their personal interest in creating meaningful and memorable places has guided the firm’s work at all scales from academic and civic buildings to master planning work throughout the U.S. and around the globe.

Mortenson Construction (Booth 330)
Blair McNeil, Construction Executive
700 Meadow Ln N, Minneapolis, MN 55422
763.287.5350 phone; 763.287.5457 fax
blair.mcneil@mortenson.com
www.mortenson.com

Mortenson Construction, established in 1954, is a Minneapolis-based, family-owned construction company. We have offices in six states and have grown to be the 27th largest builder in the country. We operate as a diverse construction organization, and are especially proud of our relationships with higher education institutions.

Newman Architects LLC (Booth 120)
Peter Newman, Principal
300 York St, New Haven, CT 06511
203.772.1990 phone; 203.772.1997 fax
pnewman@newmanarchitects.com
www.newmanarchitects.com

Newman Architects provides master planning, architectural and interior design services. Founded in 1964, the firm has completed a wide variety of projects for public and private college and university clients. Newman Architects has established a national reputation for the design of new buildings and the renovation, restoration, and adaptive re-use of existing buildings. Recognized as a leader in the use of building information modeling (BIM) and sustainable design practices, the firm’s areas of expertise include residential life, libraries, classrooms, dining, and performing arts, and athletic facilities.
Orfield Laboratories, Inc. (Booth 331)
Wes Chapman, Head of Architectural Group
2709 E 25th St, Minneapolis, MN 55406
612.721.2455 phone; 612.721.2457 fax
wes@orfieldlabs.com
www.orfieldlabs.com

Orfield Laboratories, Inc. is a multi-disciplinary laboratory serving North American and international clients. Providing services in Acoustics Vibration, Vision, Lighting, Architecture and Market Research. Orfield is unrivaled in the extensive use of objective and subjective methods, offering design, research and testing services and solutions for corporate and architectural clients since 1971.

Perkins+Will (Booth 526)
Jeff Ziebarth, Principal
84 S 10th St, Ste 200, Minneapolis, MN 55403
612.851.5104 phone; 612.851.5001 fax
jeff.ziebarth@perkinswill.com
www.perkinswill.com

Since 1935, the higher education practice of Perkins+Will has evolved to become one of the world’s foremost leaders in academic planning and design, with hundreds of college and university projects worldwide. From our 18 offices in the US and Canada, we have been privileged to work with more than half of the top 50 research universities, as well as with 4-year and community colleges throughout the country. In collaboration with our clients, we design next generation learning spaces that inspire and motivate as they educate. We also create spaces that help define an institution, support its mission and enhance student, staff, faculty and community life. Sustainable, high-performance and environmentally conscious design is a cornerstone of our practice that informs every project. More than 40 projects have achieved LEED certification, including a dozen in the past two years. More than 70 percent of our professional staff is LEED® Accredited (1,000+), a proportion among the highest for any design firm.

Phoenix Controls
Phoenix Controls (Booth 515)
David Rausch, Marketing Manager-Life Sciences
75 Discovery Way, Acton, MA 01720
978.795.3430 phone; 978.795.1111 fax
drausch@phoenixcontrols.com
www.phoenixcontrols.com

Phoenix Controls is a recognized leader in the design and manufacture of precision airflow control systems for use in critical room environments. Our customers include the leading pharmaceutical companies, universities, hospitals, government research facilities and industrial corporations. We offer innovative, technologically sound airflow and pressurization control solutions that combine unparalleled safety and performance with value and energy savings.
RATIO

RATIO Architects, Inc. (Booth 303)
Tim Barrick, Principal
107 S Pennsylvania St, Ste 100,
Indianapolis IN 46204
317.633.4040 phone; 317.633.4153 fax
tbarrick@ratioarchitects.com
www.ratioarchitects.com

RATIO Architects, Inc. (www.RATIOarchitects.com) is an award-winning design and planning firm with studios in Indianapolis, IN and Champaign, IL offering services in architecture, historic preservation, interior design, landscape architecture, and urban design and planning. Founded in 1982, its collaborative studios combine professionals from all disciplines to work on higher education, community, life science, workplace, lifestyle and cultural projects. RATIO is committed to creating innovative, customized solutions that are unique to their client’s organizations. RATIO | defining spaces, creating places, enhancing community™

RDG Planning & Design (Booth 325)
Brian Lindgren, Architect
301 Grand Avenue, Des Moines, IA 50309
515.288.3141 phone; 515.288.8631 fax
blindgren@rdgusa.com
www.rdgusa.com

Creatively influencing life for the better through purpose driven design, RDG Planning & Design provides architecture, landscape architecture, interior design, lighting design, integrated art, graphic design, strategic planning, engineering, urban design and comprehensive planning services to clients nationwide. RDG’s participatory design process builds cooperation and consensus among project stakeholders.

RFD (Booth 511) ★★
Megan Todd, Marketing Manager
3965 5th Ave, Ste 400, San Diego, CA 92103
619.297.0159 phone; 619.294.4901 fax
mt@rfd.com
www.rfd.com

RFD is a team of architects, engineers and technical staff specializing exclusively in the programming and design of laboratory facilities for college and university, industry and governmental clients. RFD has consulted on more than 1,000 projects in 46 states throughout the U.S., Canada, United Kingdom, Malaysia, Kuwait, Abu Dhabi and Australia. RFD exists to help Owners and Architects create imaginative, state-of-the-art, functional laboratory environments for exploration, discovery and learning.

Schneider Electric (Booth 729)
1650 W Crosby Rd, Carrollton, TX 75006
972.323.1111 phone
info@buildings.schneider-electric.com
www.schneider-electric.com/buildings

As a global specialist in energy management with operations in more than 100 countries, Schneider Electric offers integrated solutions across multiple market segments, including leadership positions in energy and infrastructure, industrial processes, building automation, and data centers/networks, as well as a broad presence in residential applications.
Schuler Shook (Booth 514)

Minneapolis:
  612.339.5958 | Michael DiBlasi | mdiblasi@schulershook.com
Dallas:
  214.747.8300 | Jack Hagler | dallas@schulershook.com
Chicago:
  312.944.8230 | Todd Hensley | thensley@schulershook.com
www.schulershook.com

Schuler Shook provides theatre planning services for performing arts facilities worldwide and architectural lighting design services for all building types, including libraries, galleries, lecture rooms and sites. We collaborate with campus planners and architects to ensure successful designs now and for the future. Clients include The University of Chicago, University of Minnesota, Valparaiso University, Pacific Lutheran University, Northwestern University, Princess Nora Bint Abdulrahman University, UT Brownsville, Texas A&M University, Texas State University System, University of Virginia, University of Oklahoma, Hamline University, Carleton College, Macalester College, and the International School of Beijing.

SECOA, Inc. | Serapid, Inc. | Vortek (Booths 703/704)

SECOA, Inc.
Secoa: Tracy Meister
763.506.8800
8650 109th Ave N, Champlin, MN 55316
763.506.8800 phone; 763.506.8844 fax
t.meister@secoa.com
www.secoa.com

Serapid: Ann Marie Fortunate
586.274.0774
info-us@serapid.com
www.serapid.us

Vortek: Christine Simonson
585.924.5000
sales@vortekrigging.com
www.vortekrigging.com

SECOA has been a nationally known full service manufacturer and contractor for theatrical equipment for over 85 years. SECOA is the leading integrator of the products and services specified for school theatres and performing arts facilities; counterweight and motorized rigging, orchestra shells, lifts, lighting/dimming, pit fillers and curtains. www.secoa.com

SERAPID, Inc. is a full service stage and orchestra pit lift supplier from concept development to engineering to installation. Our LinkLift lifting columns are safe, accurate and reliable. SERAPID lifts are installed in the some of the most renowned entertainment venues in the world.

Vortek, A Division of Daktronics - Design and manufacturer of rigging systems for theatrical, architectural and arena applications. We specialize in providing automated rigging solutions for professional theatres, school auditoriums, worship facilities and other performance spaces.
Security Risk Management Consultants, Inc. [Booth 705]
Elliot A. Boxerbaum, President & CEO
603 E Town St, Columbus OH 43215-4856
614.224.3100 phone; 614.224.3252 fax
elliotb@s-rmc.com
www.s-rmc.com

Founded in 1989, Security Risk Management Consultants, Inc. is a professional, independent consultancy with clients throughout the United States and abroad. We provide security vulnerability assessment, master planning, design development, technical specification, and management support services to a wide range of occupancies with a strong focus on colleges and universities.

Skyfold (Booth 521)
Stephen Miller, Senior Vice President
325 Lee Ave, Montréal, QC H9X 3S3 Canada
514.457.4767 phone; 514.457.7111 fax
sandra_buzzi@skyfold.com
www.skyfold.com

Skyfold is a unique, vertically folding acoustical partition that neatly stores in the ceiling. In the down position, Skyfold is a two sided, hard, rigid wall with an STC rating of 51. Changes in room configuration can be achieved within minutes by a simple turn of a key.

SmartSynch, Inc. (Booth 130)
Darren Raybourn, Business Development
4400 Old Canton Rd, Jackson, MS 39211
601.362.1780 phone; 601.362.1787 fax
draybourn@smartsynch.com
www.smartsynch.com

SmartSynch has been the only provider of standard IP-communicating, end-to-end smart grid solutions utilizing public wireless networks for the utility industry since 2000. Our clean-tech innovations in the two-way delivery of real-time energy usage data over public wireless networks have simplified deployments for more than 100 major utilities.

SmithGroup Inc. (Booth 126)
Tom Butcavage, Vice President
1850 K Street NW, Ste 250, Washington, DC 20006
202.842.2100 phone; 202.974.4500 fax
tom.butcavage@smithgroup.com
www.smithgroup.com

Offices: Ann Arbor, Chicago, Dallas, Detroit, Los Angeles, Madison, Minneapolis, Phoenix, Raleigh-Durham, San Francisco, Washington DC

With the experience of more than 400 college and university projects, SmithGroup brings inventive skill, vision and in-depth understanding of the issues facing higher education institutions. SmithGroup promotes innovative design of a variety of academic facilities focused on student life; professional schools; libraries; classrooms; cultural facilities; campus development; and laboratories, and is a recognized leader in sustainable design.

Spectrum Industries, Inc. (Booth 606)
Bob Kensinger, V.P. Sales
PO Box 400, Chippewa Falls, WI 54729-0400
800.235.1262 phone; 800.335.0473 fax
spectrum@spectrumfurniture.com
www.spectrumfurniture.com

Innovative Learning & Training Furniture, Laptop Storage Carts, Instructional Media Lecterns, Student Workstations, Training Desks, Seating, Computer Lab, CAD, Flat-Panel & Office Furniture. Innovative designs manage power/network cables, are ergonomic, modular, durable, cost-effective, attractive and easy to assemble. Products are ideal for Educational, Government, and Corporate Environments. Researched, designed and manufactured in the US.

Stanley Beaman & Sears, Inc. (Booth 112)
Betsy Beaman, Principal
180 Peachtree St NW, Ste 600, Atlanta, GA 30303
404.524.2200 phone; 404.524.8610 fax
betsy.beaman@sbs-architects.com
www.stanleybeamansears.com

Stanley Beaman & Sears is an award-winning architectural firm with excellent credentials in the design of facilities for higher education and research. The firm’s academic projects range from master planning, programming, renovation and expansion of existing facilities to the design of new, freestanding, state-of-the-art academic buildings. The work of Stanley Beaman & Sears has been featured in such diverse publications as American College & University Design, Architectural Record, Contract Design, and The Wall Street Journal.
Stantec (Booth 419)
Len Rodrigues, Senior Principal
1100-111 Dunsmuir St, Vancouver, BC
V6B 6A3, Canada
604.696.8000 phone; 604.696.8100 fax
len.rodrigues@stantec.com
www.stantec.com

Stantec provides professional design and consulting services in architecture, engineering, planning, surveying, economics, and project management. We support public and private sector clients in a diverse range of markets, at every stage, from initial concept and financial feasibility to project completion and beyond. Stantec is One Team providing Infinite Solutions.

STV (Booth 725)
Stuart Rothenberger, Sr. Vice President
205 W Welsh Dr, Douglassville, PA 19518-8713
610.385.8200 phone; 610.385.8501 fax
stuart.rothenberger@stvinc.com
www.stvinc.com

STV is a leading multidisciplinary architectural, engineering, planning, and construction management firm with more than 1,700 personnel in 30 offices throughout the United States and Canada. STV is an award winning, nationally ranked firm in education facility design. STV has provided services for new and renovated facilities for higher education clients for more than 50 years.

Submittal Exchange (Booth 506)
Bob Caylor, Regional Sales Representative
495 Alice's Rd, Ste F, Waukee, IA 50263
800.714.0024 phone
bob@submittalexchange.com
www.submittalexchange.com

Submittal Exchange™ is a comprehensive online system for centralized access to construction submittals, RFIs, and other construction communications. Save time, reduce costs and decrease paperwork with Submittal Exchange.

The Care of Trees (Booth 603)
David Zeitlin, Director
2138-3 Priest Bridge Rd, Crofton, MD 21114
410.774.0024 phone; 301.858.0124 fax
dzeitlin@thecareoftrees.com
www.treepreservationplan.com

We are a team of professional foresters, arborists and conservation experts with specialized knowledge of the impacts of construction on the natural environment. We offer a full range of planning/design consulting, specifications, and on-site construction services in sustainable development, tree preservation, large tree moving, tree/landscape services, and ecological/wetland restoration.

The S/L/A/M Collaborative (Booth 311)
Mary Jo Olenick, Principal
80 Glastonbury Blvd, Glastonbury, CT 06033
860.657.8077 phone; 860.657.3141 fax
olenick@slamcoll.com
www.slamcoll.com

The S/L/A/M Collaborative is a 160-member architecture firm with offices in Atlanta, Boston, and Connecticut. A fully-integrated, multi-disciplinary firm, SLAM offers architecture, planning, interior design, landscape and site planning, structural engineering, and construction services, and is qualified to take responsibility for building projects from design through construction. With a growing roster of national and international projects, SLAM focuses on designing award-winning buildings that help clients heal, teach and discover. Additional information may be found at www.slamcoll.com

The Whiting-Turner Contracting Company (Booth 404)
Robert Kimmons, Division Vice President
300 E Joppa Rd, Baltimore, MD 21286
410.821.1100 phone
robert.kimmons@whiting-turner.com
www.whiting-turner.com

Whiting-Turner provides construction management, general contracting and design/build services for colleges and universities nationwide. Whiting-Turner provides high quality construction services aimed at exceeding expectations and delighting the customer from first contact to final close out, on all projects large and small.
Theatre Projects

Consultants

Theatre Projects Consultants (Booth 604)
Kristen Mathias, Marketing Director
25 Elizabeth St, Norwalk, CT 06854
203.299.0830 phone; 203.299.0835 fax
kmathias@theatreprojects.com
www.theatreprojects.com

Theatre Projects creates extraordinary performance spaces around the world. For over 50 years we’ve provided creative design solutions for our clients on over 1,200 projects in over 70 countries. We’re theatre architects, planners, designers, engineers, and managers. We provide feasibility studies, theatre planning and design, and performance equipment design.

Thorburn Associates

Thorburn Associates (Booth 430)
Joe Schuch, Sr. Associate,
New Learning Environment
2500 Gateway Centre Blvd., Ste. 800, Morrisville, NC 27560
919.463.9995x215 phone; 919.463.9973 fax
jns@ta-inc.com
www.ta-inc.com

Thorburn Associates (TA) is a full service Acoustical Consulting and Technology Design and Engineering firm. We provide a full range of services which allow the client, architect, or end-user a single point of contact during design and construction. Our staff is comfortable providing traditional design or design/build services and is quite experienced with the partnering process.

Turner

Turner Construction Company (Booth 611)
Nicholas Makes, Sr. Vice President
375 Hudson St, New York, NY 10014
212.229.6108 phone; 212.229.6185 fax
nmakes@tcco.com
www.turnerconstruction.com

Turner provides building services to leading institutions and companies who recognize the value of a partner who works diligently and creatively to find the best possible solution for each particular project. Annually, Turner completes more than $8 billion of construction on 1,200 projects. To learn more about Turner and how it is building the future, please visit us at www.turnerconstruction.com

University Loft Company

University Loft Company (Booth 304)
Tom Prather, Territory Manager
2588 Jannetides Blvd, Greenfield, IN 46140
317.866.5638 phone; 317.866.5639 fax
tprather@uloft.com
www.uloft.com

University Loft Company is a leader in the contract furniture market. Headquartered in Greenfield, IN, ULC provides customers with excellent customer service and puts quality first in our furniture production. University Loft Company provides durable high-quality contract furnishings, kitchens, vanities, tubs, showers and more! Since 1986, our products have been seen in colleges and universities across the country. In recent years, we have expanded our product lines into military housing, student apartments, hotels, motels, retail furniture outlets and other sites across the world.

URS

URS Corporation (Booth 509)
Chris Whitney, Vice President
36 E Seventh St, Ste 2300, Cincinnati, OH 45202
513.419.3400 phone; 513.651.3452 fax
chris_whitney@urscorp.com
www.urscorp.com

URS is the nation’s largest facilities consulting firm with specialized expertise in colleges and universities. We have served on thousands of projects across the United States totaling billions of dollars in construction. Services include program, project and construction management, planning, architecture, engineering, materials testing/inspection, geotechnical services, environmental impact assessment, and hazardous materials mitigation. We help our clients meet design, quality, schedule, and cost objectives.
Virco, Inc. (Booth 825)
Brian True, National Account Manager
2027 Harpers Way, Torrance, CA 90501
800.448.4726 phone; 310.328.0292 fax
info@virco.com
www.virco.com
Virco’s industry-leading selection of educational furniture includes the best-selling ZUMA® models, traditional chairs and desks, new TEXT™, Metaphor™ and Telos™ products.

VS America, Inc. (Booth 530)
Carmen Braun, Marketing Manager
1940 Abbott St, Charlotte, NC 28203
704.378.6500 phone; 704.378.6005 fax
info@vs-charlotte.com
www.vs-furniture.com
VS America offers a complete range of furnishings for classrooms and administration. Our focus lies on providing ergonomic furniture that supports the total learning environment and therefore may help to increase concentration levels. Besides ergonomics, the use of high quality and environmentally friendly materials as well as great visual design makes VS furniture an excellent choice for educational environments.

WDG Architecture (Booth 332)
Bob Keane, Principal, Director of Higher Education
1025 Connecticut Ave, NW, Ste 300, Washington, DC 20036
202.857.8300 phone; 202.463.2198 fax
bkeane@wdgarch.com
www.wdgarch.com
WDG provides architecture, planning and interior design services nationally from offices in DC and Dallas with over 100 professionals. WDG’s 72-year portfolio has received numerous awards from AIA, Congress of New Urbanism, and other industry organizations. WDG currently is working with public and private higher education institutions throughout the mid-Atlantic region.

Wenger Corporation (Booths 815/817/819)
Ron Probst, National Sales Manager
555 Park Dr, Owatonna, MN 55060
507.455.4100 x191 phoneon.probst@wengercorp.com
www.wengercorp.com
Wenger Corporation, founded in 1946, provides innovative, high-quality solutions for music and theater education and performance; elementary education; and athletic equipment storage. In new construction and renovation projects, Wenger works in partnership with the project team to deliver outstanding long-term value with a beautiful blend of form and function.

WTC Consulting, Inc. (Booth 226)
Ron Rutherford, Director of Marketing
801 S Grand Ave, Ste 700, Los Angeles, CA 90017
213.689.5309 phone; 213.622.0840 fax
rrutherford@wtc-inc.net
www.wtc-inc.net
WTC Consulting, Inc. is a national professional services firm delivering consulting services to higher education, healthcare, and public sector clients. For more than 26 years, WTC has helped organizations solve their complex networking, IT, and telecommunications challenges through Strategy, Acquisition, and Implementation. WTC has conducted more than 850 engagements for 210 clients.

WTW Architects (Booth 122)
Paul J. Tellers, Director of Planning
Timber Ct, 127 Anderson St, Pittsburgh, PA 15212-5801
412.321.0551 x505 phone; 412.321.2431 fax
ptellers@wtwarch.com
www.wtwarch.com
WTW Architects, headquartered in Pittsburgh, has provided assessment, programming, planning, and design services for clients nationwide. We focus on listening to your needs and facilitating a collaborative process that explores a number of options. This approach has resulted in many successful and innovative solutions for the needs of our clients.
THANKS TO OUR VALUABLE VOLUNTEERS!

Board of Directors

President, John Ruffo
President-Elect, Joan Racki
Immediate Past President, Sal Rinella
Secretary/Treasurer, Donna Kidd
Mid-Atlantic Regional Representative, Mark Curcheck
North Atlantic Regional Representative, Katharine Mace Learned
North Central Regional Representative, David Miller
Pacific Regional Representative, John White
Southern Regional Representative, Lily del C. Berrios
At-Large Director, Linda Baer
At-Large Director, Alexandria Roe
At-Large Director, Philip Stack
Membership Committee Chair, Leslie Louden
Professional Development Committee Chair, Michael Hites
Ex-Officio, Jolene Knapp

SCUP–45

Conference Committee
Conference Program Chair, Marie Zeglen
Academic Planning Academy Convener, Mary Doyle
Institutional Direction Planning Academy Convener, Jake Julia
Resource and Budget Planning Academy Convener, Thomas Anderes
Plenary & Invited Presenter Chair, Niraj Dangoria
Local Host Chair, Krisan Osterby
Preconference Workshop Chair, David Cox
Ex Officio, 2009-2010 SCUP President, John Ruffo
Ex-Officio, Professional Development Committee, Michael Hites

Local Host Committee
Chair, Krisan Osterby
Linda Baer
Mark Dickinson
Emily Eisenmenger
Jeff Fenimore
Larry Gleason
Jim Goblirsch
Sally Grans
Todd Harmening
Clint Hewitt
Avra Johnson
Ed Kodet
Monique MacKenzie
Orlyn Miller
Diane Paulson
Pete Sandberg
Mark Skoine
Steven Spehn
Brian Swanson
Lorelee Wederstrom

Professional Development Committee
Committee Chair, Michael Hites
Committee Vice Chair, Ellen Milstone
Patricia Caldwell
Preconference Workshop Chair 2009-2011, David Cox
Nguyen Griggs
Thomas Huf
Joseph Isaac
Pauline Melis
Dawit Teklu
Susan Whitmer

Awards Committee
Committee Chair, Pamela Delphenich
Thomas Fortier
C. Timothy Fish
Allan Kehrt
Liaison to Board of Directors, Alexandria Roe
Laura Shinn

THANK YOU!
Academic Planning Academy
Valarie Avalone
Barbara Brandt
Robert Brodnick
Leslie Christovich
Gary Cinnamon
Marie Cini
Robin Dasher-Alston
Convener, Mary Doyle
Patricia Dwyer
Phyllis Grummon
Stephen MacLeod
Dan Mahony
Associate Convener, Michael McGoff
James Savoie
William Strausbaugh
Dawit Teklu
Robert Wilkinson
Glen Winans

Facilities Planning Academy
Charles Adler
Elizabeth Anderson
John Benson
Gabrielle Blackman
Wayne Bottomley
Thomas Butcavage
Ned Collier
Tracy De Leuw
Margaret Dyer-Chamberlain
Dixon Hanna
Trudis Heinecke
Robert Hopkins
Thomas Huf
Robert Jorgensen
Scott Kelsey
Robert Kitamura
Trina Mace Learned
Convener, Eugene Mackey
Barbara Maloney
Mark Maves
Debi McDonald
Mary McGrew
John McGuire
Keith Murray
Maria Musat
Jack Nye
Mary Jo Olenick
Mark Rodgers
Alexandria Roe
John Ruffo
Robert Sena
Scott Shader
John Gordon Storrs
Nancy Tierney
Richard Tully
Debra Waters

Institutional Direction Planning Academy
Valarie Avalone
Rebecca Cole
Trudis Heinecke
David Hollowell
Convener, Jake Julia
Alexandria Roe
Nicholas Santilli
Kris Smith
Ronald Swain
Dorothy Tobe

Resource and Budget Planning Academy
Convener, Thomas Anderes
Peter Baleziunas
Melody Bianchetto
Miguel Romo Cedano
Michael Crow
Joanne Dyer
Sid Gonsoulin
Marcia Harrington
David Hollowell
Donna Kidd
Jennifer Krieger
Janine Lockhart
Doug Roberts
Rodney Rose
Carol Rylee
Dorothy Tobe
Ann Marie Vaughan