
Princeton’s pedestrian bridge over Washington Road was meant to link major research facilities to the rest of the campus and to be an important element creating a sense of place for the campus along with resolving safety concerns between pedestrians, cyclists, and vehicles. The campus demanded an inspiring gateway for both the campus crossers as well as vehicles driving past/through the campus. Christen Menn, a Swiss engineer noted for many unique bridges in Europe, was selected to lead the design. The bridge made use of an imaginative application of structural principles, a stressed arch with arches in the horizontal plane as well. This lowered the profile of the bridge, creating a thin, see-thru, structure that appeared to float above the road and yet disappeared as a bridge from the pedestrian’s perspective. The only major vertical elements were towers on both sides of the bridge to provide safety lighting. The project has become a significant new addition to the campus and further demonstrates the dedicatory phrase “alma mater est nexus omnium nostrum”.

CASE STUDY: “PORTER COLLEGE RESIDENCE HALLS EXPANSION” - presented by Frank Zwart, (UC Santa Cruz)

Porter College, designed by Hugh Stubbins in 1970, is a concrete frame structure with stucco infill and clay tile roofs. The structures are difficult to adapt to current student demands, are not fully accessible, and require seismic retrofits. In response to a board of trustees plan to increase the campus size from 15,000 students to 19,500 by 2020, the campus reviewed its master plan with an eye toward sustainability. This gave the campus the opportunity to study ways to increase the number of beds in an economical way and to make other needed improvements. The project focused on livability, seismic, accessibility, and economical improvements. The Housing Department required no net loss of beds as part of the renovation, wanted additional light introduced to the long, narrow corridors, and a vapor barrier to address condensation and water infiltration problems. Despite initial concerns about cost the selected solution was to add a floor to the existing structure. The renovation consisted of: saving the roof tiles, razing the existing top floor, constructing two new structural floors of steel, opening corner lounges off corridors to bring in light, and constructing new stair towers that addressed seismic upgrades. The project was delivered through CM at Risk. This resulted in a project that doubled the number of beds, met the schedule, and cost about 25% less than a replacement structure. Original plans to replace the landscaping were omitted and a scaled-down rejuvenation of the landscaping performed by campus staff completed the project.
TOUR OF TOWSON UNIVERSITY CAMPUS & THE COLLEGE OF LIBERAL ARTS BUILDING

Tours were conducted of the new College of Liberal Arts Building along with the rest of the Towson Campus.

CASE STUDY: "OSU FRAMEWORK PLAN" - presented by Bernie Costantino (Ohio State)

The Ohio State University Framework Plan used integrated planning techniques to address the arts, student life, transportation, health sciences, athletics & recreation, academic faculty plan, energy & sustainability, research/science technology, university partnerships, and the Olentangy River. Dealing with the Olentangy was important because it created a very real separation between the main campus and functions on the west side of the river. A low-head dam downstream will be removed along with flood tolerant functions that will be located along the river including parking and recreation. By relocating functions to the campus core on the east side of the river, the campus could increase the desired excitement and energy on campus. By maintaining a compact core, the plan supports the learning environment on campus and preserves valuable green space. The plan intends to: obtain thermal energy from the river for heating and cooling; relocate parking to the west and linking to the campus core with mass transit; create a green construction policy; and strategically remove/relocate city streets in the campus environs. In the short term the plan is bringing students back to campus, merging programs through the no net new space mandate, and constructing a new chiller plant to serve facilities identified in the plan.

PRESERVATION TASK FORCE PRESENTATION: "STRENGTHENING CULTURAL LANDSCAPES WITH NEW BUILDINGS" - presented by Gerry McGeough (UBC)

The University of British Columbia is located at the end of a peninsula overlooking the Strait of Georgia. Originally this area was occupied by "first nations" people. Determined to make a conscience effort to look at its cultural heritage, the University decided to change its planning approach to design based on values rather than facts by asking questions, such as, "What is the building's association with the community? Themes are derived from:

What happened in the community?
What does it mean?
What does it mean now?
How do we value it?

These were applied to a First Nations Center on campus. The First Nations building was developed from the idea of a forest. A living building that is a net energy produced; a wood structure that makes good use of rainwater reuse. The resultant structure tells the campus story.
ANNUAL BUSINESS MEETING MINUTES

1. Call to Order ........................................................................................................................................................................Bond
   At 1:15 PM EST, President Jay Bond called the 55th Annual Business Meeting of the membership to order. Jay
   introduced the current Board and mentioned Bob Smith was unable to attend this meeting.

2. Old Business

   2.1 Distribution of Minutes .....................................................................................................................................................Bond
       Noted the minutes were distributed electronically.

   2.2 Minutes of the 2009 Annual Business Meeting
       Action: Upon motion made and seconded the minutes were approved.

   2.3 Review of Minutes of Fall and Spring Board Meetings
       The Fall Board Meeting Minutes were approved by the Board at its Spring 2010 Meeting and the
       Spring Board Meeting Minutes were approved by the Board at its Summer 2010 Meeting. Minutes
       are available on the AUA website. No action required.

3. New Business

   3.1 Treasurer’s Report ...............................................................................................................................................................McBride
       The Treasurer’s report was also posted on the AUA website so that members could review the
       financial statements prior to the annual business meeting. Andrew McBride reported that the
       overall financial health of the organization continues to be strong. In addition to reviewing the
       various financial statements, Andrew updated everyone on the fact that the association is now
       using a new accounting format (Cash Basis). Andrew also complimented the Saskatoon Planning Com-
       mittee for keeping the deficit small while struggling with low attendance. Andrew also presented
       the budget for 2011. (refer to attachment at the end of the minutes)
       Action: Upon motion made and seconded, the 2011 budget was approved.

   3.2 2010 Conference Report ......................................................................................................................................................Sniff
       Although the cost of holding the conference in Baltimore posed a significant challenge to confer-
       ence organizers, the budget deficit should be smaller than anticipated. Danny recognized and
       thanked the members of the Program Committee also giving credit for all the hard work put in by
       our three local hosts.

   3.3 Membership Report .........................................................................................................................................................Zwart
       Frank Zwart gave the report in the absence of Boone Hellmann.

   Resignations - None.

   Pending New Members - None.
New Members - Eight new members were in attendance at the 2010 conference:
Michael E. Bruder, Kent State University
Donald W. Caskey, University of California Riverside
Chris Cocallas, Colorado College of Mines
Clarissa Easton, University of Missouri Health System
Keith Loiseau, Vanderbilt University
Benjamin Louie, University of Alberta
William P. Mallari, University of Maryland
Ryan Swanson, Wake Forest University

Although no action is required by the membership, the new members were welcomed with the AUA clap.

Affiliate Members - This past year, one member changed their status to Affiliate:
Richard Schointuch, Tulane

Request by Affiliate Members to Reinstate Regular Membership:
Paul Tankel, SUNY, College of Brockport

Action: No action required

Emeritus - This year ten members requested Emeritus status:
Robert Bennett, Frank Gorman, Michael Haggans, Jon Hlafter, Howard Parker, Gerald Slater,
Harley Campbell (added by voice), E. James Smith, Robert Unrath, Frank Zwart

Action: The membership approved these nominees as Emeriti

Changes in Employment - None.

Terminations - Not Appealed
Boyd Black, University of Illinois, Chicago
Bob Goodwin, Florida A & M
Curt Heuring, College of New Jersey
Roger Lujan, University of New Mexico
David Meckel, California College of Fine Arts
Kyu-Jung Whang, Cornell University

Action: No action required

Terminations - Appeals of Termination
Warren Denney, University of Kentucky
Larrell Hughes, University of Alabama, Huntsville
David Neuman, University of Virginia
Jon Soffa, University of Southern California

Action: All appeals approved
Necrology
David Lee, University of Louisville
Ev Swagert, Iowa State
Willard Hart, Southern Illinois University

The membership tally is as follows:
112 Regular Members
15 Affiliate Members
73 Emeritus Members
200 Total

3.4 Committee Reports
3.4.1 Case Studies
The committee members were introduced. Nine case studies were presented at the conference this year. Larry said we had good response receiving 19 submissions (only 16 reviewed since 3 were late), including three that arrived late.

3.4.2 Information Technology
The committee members were introduced. The Committee did not meet this year. Joe continues to update the AUA website. Joe reminded the membership to submit campus photos.

3.4.3 Professional Practice
The committee members were introduced. Chris said the committee would welcome new members. Report will come in the form of a conference session on Thursday.

3.4.4 Sustainability Task Force
The Task Force members were introduced. Anna said the committee wants to be responsive to member's needs. Asked members to submit links to campus sustainability information. Report will come in the form of a conference session on Thursday. A motion was introduced and seconded to change this group from a Task Force to a Committee. The motion was approved.

3.4.5 Heritage / Preservation Committee
The task force members were introduced. Report will come in the form of a conference session on Thursday.

3.5 Archives
Unfortunately Howard was not able to attend this year; however Jay Bond read a hilarious report submitted by Howard.

3.6 AIA / CES
Each member attending this year's conference will earn 21.5 credits. The total number of credits required by the AIA is 18 of which 8 have to be HSW related and 4 sustainable credits, this year's credits exceed these requirements. Andrew reminded members to provide him with AIA information.

4.1 Report of Nominating Committee

Eric introduced the nominating committee. After careful consideration of the nominees, the committee assembled the following proposed slate of officers:

President: Mary Cox
Vice President: Andrew McBride
Treasurer: Bob Smith
Secretary: Bill Haverly
Past President: Jay Bond

Eric King called for nominations from the floor. Hearing none, the nominations were then closed.

Action: Upon motion made and seconded the slate of officers was approved.

4.2 Approval of 2010 – 2011 Nominating Committee

Jay stated that the nominating committee for 2010-11 includes 3 past presidents and 3 regular members in good standing. The proposed committee is as follows:

Jay Bond, Chair
Pam Delphenich
Steve Thweatt
Margaret Carney
Rod Lehnertz
Chris Marcella

Action: Upon motion made and seconded the 2010-11 nominating committee was approved.

5. Other Business

5.1 Future Conference Planning

5.1.1 2011 - University of Wisconsin - Madison

Daniel Okoli showed a multimedia presentation of the venues that will be hosting the conference next year. Anna Wu will be chair of the Conference Planning Committee. The conference dates are June 19 - 23, 2011.

Action: Motion to accept the invitation from University of Wisconsin - Madison to host the 2011 conference was approved.

5.1.2 Other Future Conferences:

UCLA in 2012
MIT, Notre Dame, Rice Duke, Emory/ Georgia Tech sites for 2013

5.2 Other Business

Jay Bond read the Bylaws for Honorary AUA Membership. Susan Oakley was nominated for Honorary Membership. After a nice presentation of Susan's value to the AUA the motion was seconded and approved by vote.

6. Adjournment

Action: The 55th annual conference business meeting was adjourned by a unanimous vote of the membership at 2:40 PM EST.
**Approved 2011 Budget: 1/1/11—12/31/11**

**INCOME**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Dues</td>
<td>$25,200</td>
</tr>
<tr>
<td>Members (140 x $175 = $24,500)</td>
<td></td>
</tr>
<tr>
<td>New Members (4 x $175 = $700)</td>
<td></td>
</tr>
<tr>
<td>Conference Net Income (excludes Conference Planner fee)</td>
<td>$5,000</td>
</tr>
<tr>
<td>Interest Income</td>
<td>$700</td>
</tr>
<tr>
<td><strong>Total Income</strong></td>
<td>$30,920</td>
</tr>
</tbody>
</table>

**EXPENSES**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIA/CES Provider Fee</td>
<td>$850</td>
</tr>
<tr>
<td>Awards</td>
<td>$1,450</td>
</tr>
<tr>
<td>Case Studies</td>
<td>$800</td>
</tr>
<tr>
<td>Membership</td>
<td>$150</td>
</tr>
<tr>
<td>Other Awards</td>
<td>$500</td>
</tr>
<tr>
<td>Bank Charges</td>
<td>-</td>
</tr>
<tr>
<td>Board Meetings</td>
<td>$2,000</td>
</tr>
<tr>
<td>Committees</td>
<td>$275</td>
</tr>
<tr>
<td>Communications</td>
<td>$7,300</td>
</tr>
<tr>
<td>Postage</td>
<td>$100</td>
</tr>
<tr>
<td>Publications</td>
<td>$1,200</td>
</tr>
<tr>
<td>Web Hosting</td>
<td>$3,500</td>
</tr>
<tr>
<td>Web Site</td>
<td>$1,500</td>
</tr>
<tr>
<td>Other Communications</td>
<td>$1,000</td>
</tr>
<tr>
<td>Conference Planner</td>
<td>$12,500</td>
</tr>
<tr>
<td>Insurance</td>
<td>$1,375</td>
</tr>
<tr>
<td>Directors &amp; Officers</td>
<td>$875</td>
</tr>
<tr>
<td>General Liability</td>
<td>$500</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>$100</td>
</tr>
<tr>
<td>Professional Services</td>
<td>$600</td>
</tr>
<tr>
<td>Reserve</td>
<td>$4,470</td>
</tr>
<tr>
<td><strong>Total Expenses</strong></td>
<td>$30,920</td>
</tr>
</tbody>
</table>

*End Of Minutes*
TOUR OF THE UNIVERSITY OF MARYLAND, BALTIMORE COUNTY

Tours were conducted of UMBC’s Campus.

INFORMATION TECHNOLOGY COMMITTEE PRESENTATION: “HOW THE BEST IN TECHNOLOGY AND PROCESSES CAN SPARK POWERFUL PROJECT OPPORTUNITIES” - presented by Barbara Bryson (Rice) and Steve Gift (HEW+V)

BIM Bang Theory - Intersection of tools with other aspects of collaboration will dramatically change industry. Design, delivery & payment will change. “This is going to be old news really fast...it will happen faster than CAD adoption in the 80s.” More Design & Construction firms are becoming heavy users. Almost 50% of industry is using BIM. BIM is not software, it is a process. It connects the delivery underlying database to drawing information and allows the building to be “built digitally first”. REVIT is a particular BIM software. Estimating tools are integrated in the process allowing contractors to perform on much higher levels. Information is so accurate that subcontractors can prefabricate assemblies in their shops where there is better quality control. Fabricators are on board.