

AIA MIDDLE PA CHAPTER NEWSLETTER

Annual Meeting Held at PSU

AIA Middle PA Chapter and PSU AIAS Chapter Hold Joint Meeting



The Middle PA Chapter once again met with the students of the AIAS Chapter at Penn State University to hear about the activities that the students have been involved with and are planning for the remainder of the year.

One of the activities that is always exciting to hear about is the annual Forum Conference.

This year's conference was held in Chicago, Illinois. The officers of AIAS gave an overview of the various sessions and tours that they participated in and the opportunities they had while attending Forum.



Following the students' presentation, several of the AIA members present gave a brief summary of their education and experience as architects. This was then followed by a question and answer period that led to lively discussion.

To cap off the evening, a delicious dinner of pizza and wings was enjoyed by all. We look forward to this meeting every year when the students and Middle Chapter members have an opportunity to interact and ex-



change information.



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AIA MIDDLE CHAPTER ADDRESS

If you are using the U. S. Postal Service to Contact the AIA Middle PA Chapter, please use the following:

AIA Middle PA Chapter
c/o Rebecca Griffith, Assoc AIA
P. O. Box 1784
Altoona, PA 16603

NEXT MID POINTS

Deadline for articles and information for the next newsletter is:

May 2, 2014

Please contact Dee Columbus, Editor, tdta2000@comcast.net

STAY CONNECTED

Please send new member information and any changes and/or additions in your contact information including email addresses to:

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WWW.AIAMIDDLEPA.ORG

Please be sure to visit the AIA Middle PA Chapter website to view the following:

- Chapter Officers
- Calendars
- Newsletter Archive
- Executive Committee Minutes
- Membership Information
- AIA Links
- Sponsorship & Advertising
- Mission Statement
- Project Photos

Message from the President

Tom Columbus, Jr., AIA, LEED AP

Well, it finally happened, spring is indeed knocking on the door! It was a long tough winter. The Middle Chapter was able to struggle through and offer continuing ed programs while trying to dodge the arctic vortices that pummeled us.

The January snows did not hamper our continuing ed program with 4 AIA approved learning units being offered and hosted by Sheetz at the Sheetz Facilities Support Center in Claysburg. Our friends at Fierst offered 2 more AIA approved continuing ed credits at a luncheon hosted by them in Altoona on a frozen February 19th. Monday evening February 24th found me in State College representing the AIA Middle Chapter at the NAAB PSU Accreditation Team Reception. The next day we learned that PSU was indeed accredited during this review session – great news and congrats from the Middle Chapter! On Wednesday of the same week, AIAS from PSU presented to the Middle Chapter their yearly report on the AIAS Convention. Very active first two months of 2014!

I am pleased to report I will be representing the AIA Middle Chapter's members at Grassroots in Washington D.C. on March 20 and 21. Here we approach our Federal Legislators on movements affecting the health, safety, and welfare of our citizens and also our profession. I will inform you on the events in my next message. April 8th is a day with activities closer to home where I will do the same with the Pennsylvania Legislators on your behalf.

April 15th is the date set for our annual joint AIA/ASHRAE meeting. This is a great event to mingle and have discussions with our allied fields and to listen to an enlightening presentation that relates to both of our groups. Please pencil this date in.

Also during the month of April, Dwight Knouse, AIA, and Randy Hudson, AIA, will be working with the PSU AIAS on our yearly design competition, the Charles E. Brueggebors Memorial Design Competition. Thanks to Dwight and Randy!

I also would like to take this opportunity to thank our exec committee for their time spent in continuing to keep our organization strong. The more involved everyone is, the stronger and more worthwhile the AIA Middle Chapter becomes and stays. Special thanks to Rebecca Griffith, Assoc AIA, in transitioning in to the Treasurer position. Also, a special thanks to Dave Reasinger, Assoc AIA for acting an interim Treasurer and working with Rebecca to bring her up to date.

I look forward to seeing you on April 15th!

Until next time,
Tom

AIA Associates Corner – 2014 Links

Safiya Hodari, Associate AIA

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AFFILIATES CORNER

More Companies Join AIA-MPC as Affiliates

The AIA Middle Pennsylvania Chapter extends a warm welcome to three companies who have recently joined us as 2014 affiliates. Our affiliates are invited to chapter meetings and our annual picnic. They will also be contributing stories and “news briefs” to our newsletter. Be sure to say hello the next time you see them!

Mark Embriani

Erie Materials

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570-702-5059

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Daimon Lawrence

CJL Engineering

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814-536-1651

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Karen Norris, LEED AP

Green Collar Consultants

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See More Affiliate news . . . Turn to Page 4 & 5

News and Info From Our Affiliates ...

News from CJL Engineering –

The Project:

The Phipps Conservatory developed the Center for Sustainable Landscapes in accordance with the USGBC Cascadia Chapter's "Living Building Challenge", which mandates net zero energy, waste, and water usage. It is a landmark building that produces as much energy from renewable resources as it uses from the grid on an annual basis (net zero energy). It captures treats and recycles wastewater and rainwater for use on-site. The Center houses administration offices, research, education and exhibit programs.

CJL Engineering Design Solutions:

- The building was built to achieve LEED Platinum certification, based on the highest levels of Indoor Air Quality, energy efficiency, water conservation, and resource conservation
- The building includes a high performance, ultra efficient envelope. The building was oriented for optimal passive solar control, daylighting, and natural ventilation
- Lighting systems include state-of-the-art LED fixtures and daylighting dimming controls, as well as LED parking lot lighting
- Renewal energy is generated by 125kw of photovoltaic panels located on the rooftop of multiple Phipps buildings
- The building generates a net surplus of energy from renewable sources, including photovoltaics, solar hot water, geothermal storage, and wind
- The building minimizes use of potable water, and treat and recycle sanitary and storm water through an engineered lagoon system, solar distillation, rainwater capture and green roof
- HVAC system includes geothermal heating and cooling, underfloor air, desiccant dehumidification and heat recovery, hybrid/natural ventilation, economizer, radiant heating.

Images provided by CJL Engineering



News You Can Use ... *From Architectural Resources/Bohrick*

Beware of Privacy

In the past several years, there have been an increasing number of requests by building owners for more privacy in their public washrooms, especially in Class A and Trophy office buildings. Most manufacturers of toilet partitions can now offer stalls with no gaps between the components and taller doors and divider panels. These extended doors and divider panels reduce the gap at the floor to 6" and in some cases four inches.

Herein lies the problem. The ADA requires a 9" toe clearance in the handicap accessible stall. This means the door and divider panel in this stall must be mounted at least 9" off the finished floor. ADAAG eliminates this requirement if the depth of the stall is greater than 60 inches.

However, if the job is governed by ICC/ANSI code, the requirements are more stringent. First, the 9" clearance must extend 6" out from the component. Second, the divider panel must always have this 9" clearance but the door does not if the stall is greater than 62" deep and a wall hung toilet is provided. If a floor mounted toilet is used, the stall has to be greater than 65" deep to eliminate the toe clearance requirement at the door. If the stall depth is greater than 66", there is no requirement at all for toe clearances.

You will want to make sure your clients understand these requirements when they bring up the topic of more privacy in the public washroom. For more information, contact:

Mike Clancy, mclancy1@verizon.net
877-426-7426
Architectural Resources, Inc.
Bohrick and Hadrian Representatives

You can also visit www.bohrick.com/Bohrick/BarrierFreeGuide/82455.pdf.

SAVE THE DATE

Tuesday, April 15th

AIA Middle PA Chapter & ASHRAE Johnstown Chapter:
Continuing Education Dinner Seminar

5-6pm

Cocktail Hour

6-8pm

Dinner & Presentation by:
E. Mitchell Swann, P.E.

Marzoni's Brick Oven & Brewing Company

165 Patchway Road
Duncansville, PA 16635

\$25 per person

**RSVP to Brian Endler at bendler@stiffler-mcgraw.com
by **Wednesday, April 9th.****



E. Mitchell Swann, P.E.—MDC Systems, LLC in Paoli, PA

Mr. Swann has over 20 years of experience in the areas of management, engineering and construction for a wide array of clients in diverse industries in the USA and abroad. Mr. Swann's career has included dispute resolution, consultation, forensic analysis, engineering design, construction, commissioning, validation and troubleshooting for complex mechanical, instrumentation, electrical and control systems for high-tech industrial, institutional and commercial clients. Mr. Swann's experience has included system design from concept development through construction, operations troubleshooting, master planning and expert witness consulting. He has served as liaison between the design and construction team during multiple projects and has been responsible for the successful field execution of the design intent, the start-up of critical building systems. He is well versed in the various types of project execution approaches from traditional bid\spec to design\build and has prepared proposals and scope documents for all types of projects.

Mr. Swann has authored several articles on issues in professional practice including the "Standard of Care and Consequential Damages" and is a co-author of the "ASHRAE Survival Guide to Design\Build." Mr. Swann is active in several Technical Committees within ASHARE, including TC 1.7 -General Business, Management and Legal Education, TC 2.8-Sustainable Design, TC 9.10-Laboratory Systems and TC 9.11-Clean Spaces where he served as Chair for two terms. He is also a member of ISPE and the ABA where he is vice-chair of the Alternative Dispute Resolution Section Committee on Construction.

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Please call Dee Columbus at 814-749-7952 to place an advertisement.