

ARCHITECTURE & INTERIORS NEWS

STUDENT KIRBY LOCKARD AWARD WINNER

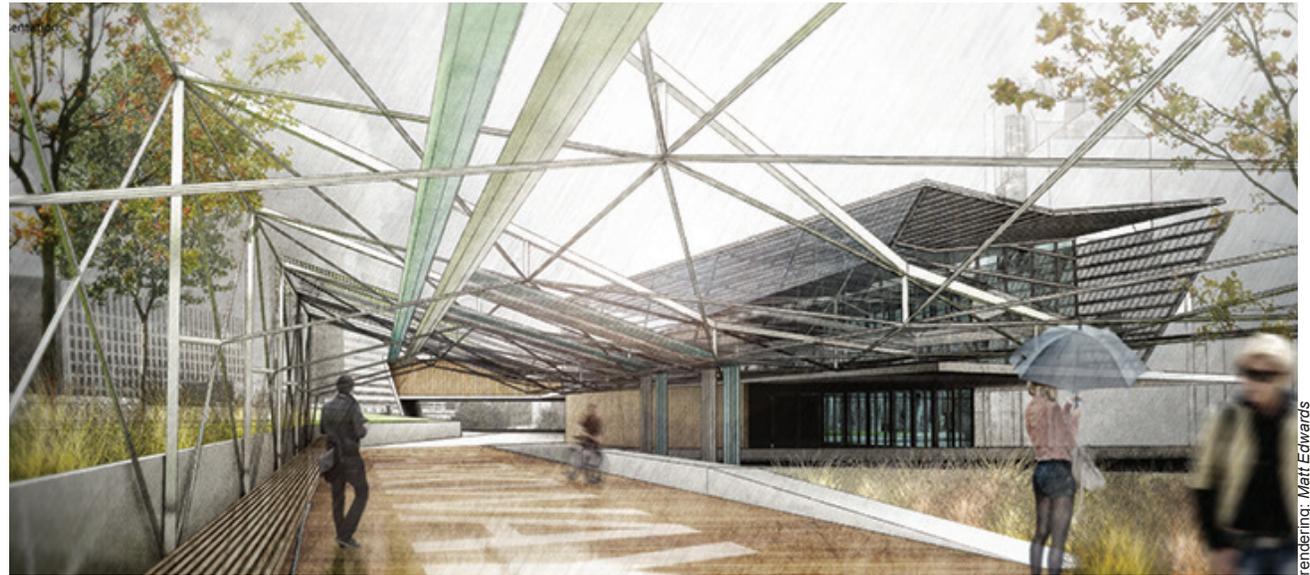
photo: Bruce Haglund



SPRING/FALL 2014 IN THIS ISSUE

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**The electronic newsletter of the
Programs in Architecture and
Interior Design in Moscow and
Boise.**



rendering: Matt Edwards

Matt Edwards (March 2013) has recently received top honors in the Biannual 2014 Design Communication Association (DCA) Juried Exhibition. The call for drawings resulted in just over 200 entries internationally and included the work of practitioners, faculty, and students. The jurors were practitioners, primarily in the area of architectural illustration. A key rendering from Matt's graduate project, "Urban Filter: Aquatic Research & Regenerative Park Space," was selected as the overall winner and recipient of the William Kirby Lockard Prize. Kirby Lockard was one of the founding members of the Design Communication Association. Check out the DCA web site <<http://www.designcommunicationassociation.org/>>.

—Román Montoto

CAMPUS-WIDE STUDENT AWARDS

INNOVATION SHOWCASE

Our students performed brilliantly in UI's annual Innovation Showcase competition. Amelia and Ellie Marek won first place in the Undergraduate Posters category, while Ciera Shaver placed second in the Graduate Disciplinary Presentation category. University of Idaho Innovation Showcase: Research, Scholarship and Vision is an event to highlight the research and creative successes of our graduate and undergraduate students in all disciplines at the University of Idaho. This student competition offers the opportunity to present research and artistic and creative activity projects through poster displays and detailed presentations and to compete for monetary awards! For full details see <<http://www.uidaho.edu/cogs/research/innovation-showcase>>.

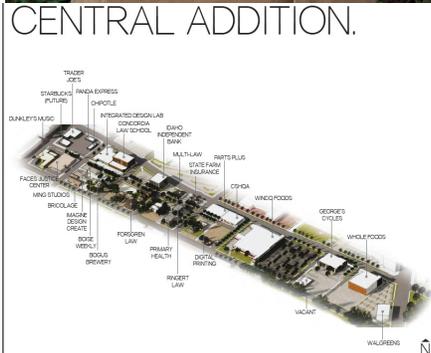
THE IVORY TOWER BY AMELIA MAREK AND ELLIE MAREK, ARCHITECTURE

Abstract: This is an architecture project incorporating the Silo's on the corner of 6th and Jackson St. in downtown Moscow. We believe this would be a unique opportunity to showcase the potential these Silos have as a civic center of Moscow and an idea of what can happen with just the imagination and innovation of a couple students. This project was presented to the city and the landowners of the Silos. The landowners are now thinking of using this design as a template of what will actually be built on and in these silos in the near future.

ANALYSIS OF ZERO-NET ENERGY DISTRICTS: END USE, URBAN DENSITY AND ENERGY EFFICIENCY PROSPECTS BY CIERA SHAVER, ARCHITECTURE

Abstract: This project proposes the use of Commercial Building Energy Consumption Survey (CBECS) data, Residential Energy Consumption Survey (RECS) data, and other locally collected data to analyze current and future predicted energy usage at an urban scale. Today, engineers and architects are able to execute zero-net energy design at the building scale; however, this technique may only be suitable for specific structures within specified urban areas. If energy flows and end uses were better understood and known at a higher level of detail, groups of buildings may be able to better function as a whole zero-net energy system rather than as individual zero-net units. This is fundamental in order to achieve zero-net energy at any scale. The paper proposes a method of analysis to quickly identify total energy consumption as well as end uses without detailed utility data collection at individual sites. The method is applied to a case study using a portion of the central business district of Boise, Idaho. The data gathered are used to predict energy consumption of the district when considering selected variables including density, energy efficiency, and renewable energy generation. Each variable includes two levels in addition to the current baseline. The data show that it is possible for the area of interest to increase in density while maintaining and reducing total energy use. Adding renewable energy to the mix reduces the total demand of energy resources from off-site production. With further research discussed in the literature review it may be possible to capture even more wasted energy through district systems, approaching or meeting the zero-net goal. The proposed alternatives of an increase in density, an increase in energy efficiency, and the introduction of renewable energy did not allow the district to achieve a zero-net energy status.

—*Innovation Showcase*



MORE AGGRESSIVE CASE STUDY:
 40% DENSITY INCREASE
 80% ENERGY EFFICIENCY INCREASE
 50% ROOFTOP COVERAGE WITH PV'S
 TOTAL ELECTRIC KWH'S REQUIRED: 8,528,806



Images (from top to bottom): Ciera Shaver displays her award certificate outside AAS; Ciera's study area in Boise; and the consequences of increased density and energy efficiency plus adding PVs to the roof tops.

W D E C I N T E R N S H I P S B E I J I N G

Four UI students (Nate Bataille, Connie Boyer, Sofia Cardoso, and Amelia Marek) who graduated in May 2014 have started their 6 months internships at the Walton Design & Engineering Consulting (WDEC) in Beijing beginning in summer 2014. Connie and Nate are working on projects with the DreamBox Architecture Department while Amelia and Connie are designing in the Interior Design Department. This is the 2nd year that WDEC offers internship to UI students. Two students completed their internship in 2013.

Established in 1995 as the first group of private architectural design firms after China's communist revolution, WDEC becomes a major player in today's Chinese architectural market with its 600 employees. Based in Beijing, WDEC has dozens of branch offices worldwide and provided services in architecture, urban planning, interior design, landscape architecture, green building design, BIM support, development consulting, and visual design. "WDEC is a global architectural company with outstanding international design teams and local technical teams. We are committed to providing integrated full design services from visionary strategies to the project implementation, so that advanced conceptual ideas as well as local knowledge are offered to make sure the best design solution and project implementation."

—Xiao Hu & Connie Boyer



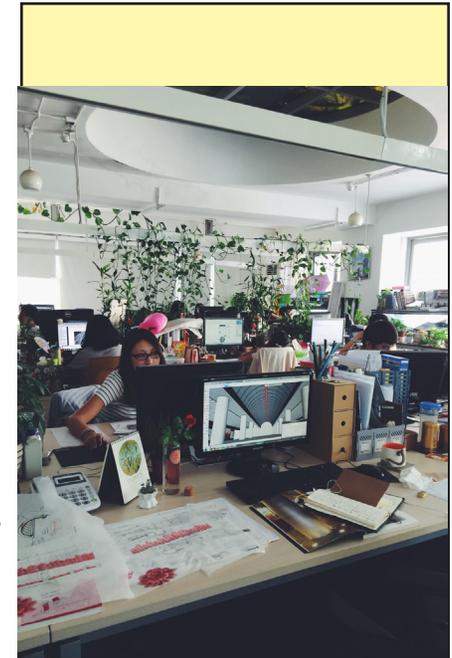
CRCC Headquarters Design Competition Early conceptual design.

Lead Concept Designer: Nate Bataille Design Team: Connie Boyer + Dream Box



Beijing Commercial Complex

Nate Bataille + Dream Box Architecture Department.



WDEC's Beijing Office



WDEC Interior Design Department Work

Sofia Cardoso + Amelia Marek

images: WDEC interns



Central Conservatory of Music: Student Dormitory Entrance Redesign Proposal

Amelia Marek + Nate Bataille, WDEC Interior Design Department

STUDENTS STUDY ABROAD—SUMMER 2014

THE CHINA PROGRAM

We have a really strong interdisciplinary team for the 2014 China Program. Eleven students from Architecture, Landscape Architecture, Interior Design, and Virtual Technology and Design plus one graduate TA from architecture composed the China Program team. Their 6-week long journey started in Beijing where the students studied how symbolic architecture played important roles in Chinese cities. They visited not only symbols of traditional Chinese architecture, such as the Forbidden City, the Summer Palace, and the Great Wall, but also the landmarks which reshaped the image of the city, like the Bird Nest, Water Cube, SOHO Galaxy, and CCTV.

Then, the students took the 200-mile-per-hour high-speed train to Tianjin where Mr. Hou Yongjun, the senior architect from the Tianjin Urban Planning & Design Institute, gave a guided tour to the newly completed Tianjin Cultural Park Complex. This complex includes several major civic buildings by the world-class architects, such as the Tianjin Library by Riken Yamamoto, Tianjin Art Gallery by KSP Jurgen Engel, and Tianjin Opera House by GMP.

The team flew to Chongqing where they spent three weeks working on a urban design project with 20 Chinese students and two international students from the Chongqing University, one of the best architecture schools in China. All students were divided into 6 groups and teamed up with 2-4 Chinese students. They conducted site analysis, conceptual development, and design together. A lot of idea sharing and concept exchange occurred during their collaborations.

The last 10 days in China were filled with exciting field trips. The whole team went to Chengdu and visited the 2008 Earthquake site. They also learned the difference between traditional Chinese dwellings and Tibetan ones when they visited two Tibetan villages in remote northwest corner of Sichuan Province and one old town in Zhejiang Province. The final stop was Shanghai. The group studied high rise towers in the Pudong area and experienced the active urban transformation of Shanghai. Also, when Mr. Lu Xiong, a senior architect from the Pudong Architectural Design and Research Institute gave a guided tour to a local gallery that he designed. Students gained a unique chance to compare the difference of building construction in China and in the US.

In each city, the students visited multiple design firms and directly interacted with local and foreign architects. It was particularly exciting for us to meet the UI alumni in China when we visited Callison's both Beijing and Shanghai Office. With the help from Darryl Custer (BArch 1990), a principal at Callison and Troy Charlesworth (MArch 2006), an associate principal, our Callison visit was very successful.

In September, all the students exhibited their design work, research posters, and individual photos in the Reflections Gallery at the UI Commons.

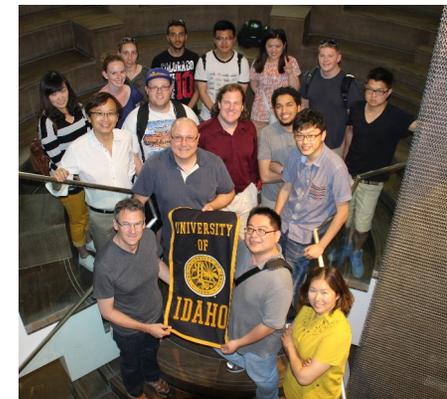
—Xiao Hu



Inside Herzog and DeMeuron's Olympic Water Cube.



Students explore a damaged school at the Chengdu earthquake site.



Students show the UI flag during Callison visit.

STUDENTS STUDY ABROAD—SUMMER 2014

THE ROME PROGRAM

The Rome Program completed its 8th annual trip over the summer, with 8 students living and studying in the eternal city for two months, May through July. In addition to their time in Rome, the group visited the Greco-Roman ruins of Paestum and the Escher-like vernacular dwellings of the Amalfi Coast. The second of two field trips had the group touring and sketching in the Umbrian hill towns of Spoleto, Perugia, and Assisi. The program uses the Pratt University studios in Trastevere as its home base, and students' apartments are in the same neighborhood. Since 2007, more than 100 students have participated, and plans are well underway for next summer's program.

—Matt Brehm



Students also visited Renzo Piano's Parco del Musica.



photos: Matt Brehm

Students visited Ostia Antica (the ancient port-city of Rome). Left to right, the students are: Marnissa Clafin, Tessa Grundler, Justin Bise, Robert Hernandez, Kevin Noble, Audrey Weston, Adriana DeGiuli, Meghan Ballock, and Ciera Shaver (Teaching Assistant).

STUDENTS STUDY ABROAD, FUTURE

FINLAND EXCHANGE PROGRAM

The University of Idaho has initiated an exchange program with Tampere University of Technology in Tampere, Finland. The program will allow two Finns to study at the University of Idaho for a year, and two Idaho students to study for a year in Finland with all housing expenses paid! The exchange will begin in fall 2015.

—Randy Teal

LONDON PROGRAM 2015

The fifth biennial London/UK offering will take about 12 grad students to Edinburgh, London, and Wales during July to examine sustainability in the architecture and culture of the UK.

—Bruce Haglund

Program open to current and incoming architecture graduate students. For more information inquire at University of Idaho Architecture Office: AAS 207. For more information contact arch@uidaho.edu or call 208.885.6761

applications due **NOVEMBER 1**

poster: Randy Teal



Rula at the 2014 event.

image: Rachel Fujita

image: Rachel Fujita

THE 2014 EVENT

Inspiring Design Futures: Designing for Social Impact was a day-long interactive symposium that celebrated and highlighted the inspiring journeys, compelling professional achievements, and visionary engaged community involvements made by College of Art & Architecture alumni, students, and community.

The 2014 theme focuses upon Designing for Social Impact. The symposium featured a concurrent three-track series of team presentations, workshops, shorts, and dialogues weaving together Personal Stories, Professional Impact, and Local/Global Reach into a rich tapestry of imagination, impact, and possibility.

The event was free and open to the public and attracted about 400 CA&A students, staff, and faculty who took the time to connect, network, be inspired, and soar. See more at <<http://www.inspiringdesignfutures.org/>>.

Inspiring Design Futures is an initiative of the College of Art and Architecture. The 2013-2014 Lecture Series Committee included Rula Awwad-Rafferty (Committee Chair, Interior Design), Brian Cleveley (Virtual Technology & Design), Rachel Fujita (Art & Design), Bruce Haglund (Architecture), Ellen McKenzie (CAA), Toru Otawa (Landscape Architecture), Roger Rowley (University Galleries), and Alexandra Schaar (CAA).

Next year's Inspiring Design Futures event, themed "Making," is scheduled for Thursday, March 26. Be there or be square!

—Bruce Haglund



photos: the speakers

Inspiring Design Futures speakers. From upper left to lower right: Jonathan Beaver, Angel Luna, Laura Myntti, Antonio Naranjo, Mandi Roberts, Elyse Vaartstra, Yancy Wright, Christian Zimmerman, Rachel Hicks, Steve Johnson, Brandon Lettow, Larry Kom, Jerime Bernhardt, Katie Solomon, and Megan Cook.

ARCHITECTURE STUDIO NEWS

ARCH 553 FALL 2014 ARMPRIEST & HAGLUND

Students were tasked with designing a new home for the UI President with a focus on integrative design, architectural uses of wood, building performance, health and resilience. Entrants were challenged to create buildable and conceptually strong designs that met the needs of the client. While wood is a common building element, students were encouraged to explore new, innovative ways in which to use it.

Part of the students' experiences included outings to learn more about wood as a building material. They visited with professional foresters at the Pitkin Nursery and the University of Idaho's Experimental Forest for an up-close look at Idaho's forests, the breadth of tree species in the woodlands and learned more about the role forestry plays in wood production. They also visited a state-of-the-art sawmill in Lewiston to see the process of turning logs into lumber. Students also travelled to Seattle to visit several high-performance buildings that focus on the use of wood and visited with two leading firms: Mithun and Miller-Hull.

The projects are being judged by a jury of experts from around the region: Wendy R. McClure, UI Faculty emeritus, AIA Idaho Central Section President-Elect Jeremy Jeffers (BArch 1981), regional architect Chris Patano (BArch 1995), Gunnar Gladics (MArch 2006), building performance specialist at Hummel Architects, Robert Miller FAIA from Bohlin Cywinski Jackson in Seattle and forest industry representative Shannon Fuchs. Students will have an opportunity to meet with the jurors and receive feedback on their projects.

Read more about the outcomes at <http://www.uidaho.edu/newsevents/item?name=ui-students-earn-honors-in-best-use-of-idaho-wood-design-contest> and http://www.idahostatesman.com/2014/12/14/3541610_university-of-idaho-student-wins.html?rh=1.

ARCH 454/554 SPRING 2013 MCCLURE & ID 352 CORRY

An interdisciplinary design studio partnership with the Nez Perce

During spring semester 2014 Wendy McClure choreographed a semester-long partnership with her 4th-year and grad level architecture studios, Shauna Corry's third-year interior design studio and representatives from the Nez Perce Tribe. From the start Shauna and Wendy integrated their studios and set up design teams. The challenge was significant for architecture and interior design students as the project required stepping out of their normal comfort zones and thinking as planners to develop a community and tribal land use plan for Lapwai. Students worked in interdisciplinary teams to develop five alternative land use plans and master plans for repurposing Ft. Lapwai's historic Parade Grounds. During part II each team developed alternative schematic designs for architectural projects that the tribe identified as highest priority. They included a new tribal headquarters, fisheries office building, educational facilities, and a care facility for tribal elders. Students prepared for design phases by meeting with tribal elders and leadership, touring uniquely designed tribal museums and community centers throughout Oregon, and researching native American precedents. Students presented their work to project stakeholders in multiple forums in Lapwai at key points throughout the semester. For the semester's final hurrah and Wendy's last official studio review, alumni Jessica Friend (MArch 2006), Steve Clark (MArch 2007), Jose Barajos (MArch 2012), and Ryan Johnson (MArch 2004) returned to campus to participate as critics and to attend a gala event staged by the architecture program in honor of her retirement.



photo: Bruce Haglund

Students discovering the vastness of sawmill operations in Lewiston!



photo: Bruce Haglund

Jury and Award winners: Tucker Haderlie (3rd), Wendy McClure, Robert Miller, Kayla Stoker (1st), Gunnar Gladics, Jacob Liddicoat (2nd), Jeremy Jeffers, Shannon Fuchs, Alfonso Ramirez (Hon. Men.). Honorable Mention Crystal Nutsch not pictured.



image: Wendy McClure

Alfonso Ramirez discussing his team's project with Nez Perce elder in Lapwai.

INTERIOR DESIGN EVENTS

ID STUDENTS ATTEND PRODUCT EXPO

Thirty-five Interior Design and Architecture students from Miranda Anderson's design studio and her Materials and Specification class, Shauna Corry's 4th year design studio, and Holly Colvin's Intro to ID and Universal Design courses, along with students from Minyoung Cerruiti's ID history course attended the Inland Northwest City Center IIDA product expo, REVEAL14, at the Lincoln Center in Spokane on September 20. The students were introduced to innovative architectural and interior products, attended a panel discussion on career development and the keynote presentation by Steelcase.



A sampling of the UI students at REVEAL14.

ID SENIORS DESIGN THE LIBRARY

ID Seniors with Shauna Corry Hernandez as their instructor partnered with the staff of the Moscow Public Library to revision the Children's Reading Room, the Teen Area, and the Program Room early in the semester. Carol Kampenhout, Facility Manager, and Jackie Fultz, Librarian, worked with the students in developing a phased program of immediate concerns including lighting, finishes, and furnishings and longer term ideas, including reconfiguration of the entire space. The historic Carnegie section of the library proved to be a challenging project as the ID students needed to address the existing traditional design features while providing a welcoming and energizing environment for the users. The projects were presented to library staff, members of the Library Board, and community users at the end of September.



Moscow Library's Carol Kampenhout with ID students, Alena Horowitz, Vanessa Kaminski and Paige Goneau.

UI ASID MEMBERS RAKE IN STUDENT AWARDS AT REGIONAL CONFERENCE

Members of the ASID Intermountain Student Chapter along with Advisor Shauna Corry Hernandez and Miranda Anderson attended the annual regional conference in Sun Valley. ASID 2014/2015 officers planned the trip for 12 students that included 1st through 4th year students. The officers are Amber Eisenbraun, President; Kelsey McCarrel, Vice President; Vanessa Kaminski, Secretary; Kaily Brown, Treasurer; Theresa Barnett, Events; and Alena Horowitz, PR. Highlights of the trip included a "Living Building Challenge" presentation by Rochelle Routman, Director of Sustainability with the Mohawk Group, and Idaho's sweep of the student awards. First Place went to Amber Eisenbraun, Catie Buck, Jackie Bennis, and Sarah Hela for "What's Your Story" a service learning project for iShoutOut (Miranda Anderson and Shauna Corry sponsors). Second Place was awarded to Kelsey McCarrel, Alena Horowitz, Hoi Man Wong, and Shayda Sanii for their "iShoutOut" design (Miranda Anderson and Shauna Corry sponsors). Third Place was awarded to Kaily Brown for her redesign of the Moscow Public Library (Shauna Corry advisor). Vanessa Kaminski received an Honorable Mention for "Momentum" a redesign of the Moscow Public Library.



UI's ASID attendees.

—Shauna Corry Hernandez

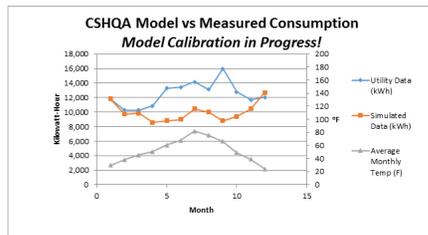
CSHQA CALIBRATION

The UI Integrated Design Lab (UI-IDL) is documenting the energy use and monthly profile of one of the first commercial buildings in Idaho to use a radiant slab for both heating and cooling. During the summer of 2014, UI-IDL staff and students installed over 70 data loggers on various pieces of equipment to monitor the building's operation. In addition to monitoring the energy consumption, the team is building a carefully calibrated energy model using *EnergyPlus* with *Open Studio* to match the actual building performance. UI-IDL can then use this energy model to estimate how changes to the building's materials and operational schemes affect its energy consumption and peak demand. Since the concrete slab in the building is the main method of heating and cooling the space, an opportunity exists to increase efficiency and reduce peak power demand by running the systems in a predictive manner that will alter the equipment schedules based on weather forecasts. The slab could also be used to store thermal energy as part of a summertime demand response component for the electric utility. These and other questions will be explored in the coming months. At this stage, UI-IDL is working on matching the virtual model with the real building's energy performance.



photo: CSHQA

The graph depicts the in-progress calibration process. The draft model matches well with the measured data during heating season, but some of the parameters in the model are being manipulated to obtain a closer match during the cooling season. Once the model matches the building's performance, then alternative operational profiles and demand response options will be explored.



graph: IDL

DESIGN DECISIONS AND OUTCOMES
2014 Fall Lecture Series

- Oct. 16** Developer Choices and Local Stories
- Oct. 23** Design for Off: A Seattle HVAC Case Study
- Oct. 30** Outstanding Local Projects
- Nov. 13** Integrated Lighting Practices

Sponsored by:



All Sessions: 4:00-5:30 p.m. | Idaho Power HQ – 1221 W. Idaho St.

Admission is **FREE!**

Continuing Education credits will be provided

Pre-registration is appreciated, but not required

Webinar broadcast available

Questions?
idl@uidaho.edu or
401-0649

Oct. 16 - Local developers will talk about their decisions to include energy efficiency in their recent existing building renewals. Budgeting and ROI strategies will be discussed. Come hear about the Owyhee, Riverside Hotel, and Wells Fargo renewal projects directly from the owners and developers.

Oct. 23 - Jonathan Heller will discuss a new approach to building systems design implemented by Ecotope during the design of one of four new Seattle fire stations. The measured energy footprint of the building is less than half of the other three (but the same cost per ft²).

Oct 30 - Local designers discuss projects that both simple and advanced energy efficiency strategies and technologies to meet contemporary design needs. Designers from CSHQA, Hummel, and CTA will highlight project decisions and outcomes.

Nov. 13 - An integrated overview of best practice lighting design presented by Dr. Van Den Wymelenberg. The blending of daylighting and electric light design requires both design intent and a good knowledge of available control strategies, active and passive, automatic and manual.

More Info • RSVP • Webinar Links • idlboise.com/fls2014

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ARCHITECTURE GRADUATE

UNIVERSITY OF IDAHO
RIDENBAUGH HALL
ART GALLERY
M. ARCH

FINAL PROJECT PRESENTATIONS

<p>WED 4/30 [RIDENBAUGH EAST]</p> <p>MARK TAYLOR 10:30AM HALEY WALLACE 11:30AM DAVID FRANCO INSTRUCTOR CONNIE BOYER 1:30PM JORDAN LOWE 2:30PM</p>	<p>WED 4/30 [RIDENBAUGH WEST]</p> <p>EMILIE EDDE 2:30PM KASSANDRA TILLERSON 3:30PM JOSEPH ANDERSON 4:30PM</p>
<p>THUR 5/01 [RIDENBAUGH EAST]</p> <p>KEVIN NOBLE 10:30AM ERNESTO RUJZ 11:30AM MATT WHEELER 1:30PM JADA ENDICOTT 2:30PM</p>	<p>THUR 5/01 [RIDENBAUGH WEST]</p> <p>KELSEY STENENSEN 9:30AM VICTOR FERRAL 11:30AM DAN FLEISHER 1:30PM ADAM COUNCIL 2:30PM</p>
<p>THUR 5/01 [RIDENBAUGH WEST] CONTINUED</p> <p>BRUCE HAGLIND INSTRUCTOR KARIN SETTLES 3:30PM FILIP FICHEL 4:30AM</p>	<p>FRIDAY 5/02 [RIDENBAUGH EAST]</p> <p>MEGHAN CRAIG 10:30AM NOAH RINALDI 11:30AM MATTHEW FRESZ 1:30PM LEON HUMPHREYS 2:30PM</p>
<p>FRIDAY 5/02 [RIDENBAUGH WEST]</p> <p>JOHN ROCK 1:30PM BRENDA GOMEZ 2:30PM JOSE GALLEGOS 3:30PM JEFF SLICHTER 4:30PM</p>	

poster: Emilie Edde

public lectures

GUEST CRITICS 2014. 2015

university of idaho architecture and interior design

<p>WEDNESDAY SEPTEMBER 24th</p> <p>dorian wiszniewski UNIVERSITY OF EDINBURGH</p>
<p>FRIDAY OCTOBER 24th</p> <p>nat chard perry kulper THE BARTLETT UNIVERSITY OF MICHIGAN</p>
<p>FRIDAY NOVEMBER 14th</p> <p>roger connah CARLETON UNIVERSITY</p>
<p>MONDAY JANUARY 26th</p> <p>sarah whiting RICE UNIVERSITY</p>

poster: Randy Teal

SUMMER DESIGN WEEK 2014

Summer Design Week, an art and design immersion program for high school sophomores, juniors and seniors, returned to the University of Idaho campus July 6-12. During the week, students will explore Architecture, Interior Design, Landscape Architecture, Studio Art & Design, and Virtual Technology & Design programs through studios, lectures, and workshops. Students also engage in extracurricular activities and have the opportunity to participate in a closing reception and student exhibit in UI's Reflections Gallery.

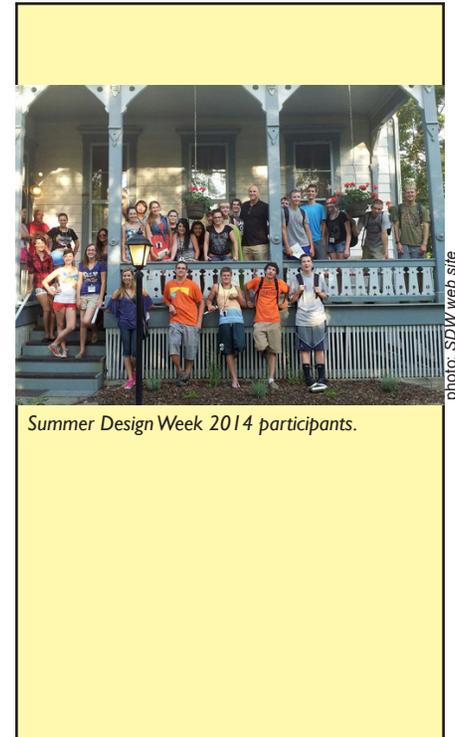
"This is a unique opportunity to work closely with esteemed faculty from each discipline," said Mark Hoversten, Dean of the College of Art & Architecture. "By week's end, students have a greater understanding of the course of study they wish to pursue—along with new skills to help them get the most out of their first collegiate experience."

"Summer Design Week provides an excellent opportunity to experience on-campus living in a fun and relaxed environment," said Professor Phillip Mead, Program Director. "Activities outside of the studio and classroom allow students to engage with like-minded peers from other high schools while trying on the University of Idaho culture for size."

Cost of attendance was \$985 and includes art supplies, room and board; college credit is available for an additional fee.

For more information visit <<http://www.uidaho.edu/summerdesignweek>> or follow us on Facebook at <<http://www.facebook.com/sdwui>>.

—Holly Funk



Summer Design Week 2014 participants.

photo: SDW web site

NEW 49TH PARALLEL CONSORTIUM

We hosted the first meeting of the newly-formed 49th Parallel Consortium of Architecture Schools Oct 24-26 on the Moscow campus. Participating schools are Calgary, Idaho, Manitoba, Minnesota, Montana State, North Dakota State, South Dakota State, and Washington State. This consortium of US and Canadian schools of architecture grouped along the 49th parallel is on a mission to promote shared teaching, research, and practice related programs such as student and faculty exchanges, share study abroad and other teaching opportunities, cooperate in joint research initiatives around common themes, establish joint projects—lecture series, workshops, etc., and sponsor symposia, conferences, publications. Among the discussion items was to plan inaugural event/project for Spring 2015, so stay tuned!

—Randy Teal



graphic: Randy Teal

STUDENT AND FACULTY RESEARCH

UNIVERSITY OF IDAHO STUDENTS RECOMMEND IMPROVEMENTS FOR NASA SUSTAINABILITY BASE

NASA's "Sustainability Base" research facility in Mountain View, CA, was the subject of investigation by Phil Mead's spring seminar class. Six University of Idaho students spent their spring break experiencing and investigating the LEED Platinum building's operations. Will McDonough's award-winning design thoughtfully incorporates state-of-the-art passive ('native to place') and active energy systems. Since daylighting plays a large role in saving energy, the class explored ways to limit the glare, often a challenge in daylighted buildings. Students found the glare index in places to be about 1 to 50, significantly higher than the recommended 1 to 10. From this finding, the class made a number of simple recommendations—moving research areas functioning best in lower light to darker areas of the building; insertion of a horizontal plant wall to block parking lot glare; and strategically placed solatube skylights were recommended for the interior side of outer walls to soften the contrast between inside and outside light. Rose Grymes of NASA praised the student effort, "It was a pleasure to have you and the students—I was concerned the students wouldn't be able to accomplish much in a short time. However, we were pleasantly surprised...and their presentations were excellent." McDonough's original design included vertical planting fins intended to serve as shading on the building's north and south sides. The maintenance crew balked at supporting the plantings, worried the fast-growing vines could infiltrate and impact the high-performance siding insulating the facility. The class examined ways the plants could be feasibly planted and maintained. This study is ongoing and will include Landscape Architecture students.



photo: Phil Mead

Phil and the seminar team under N232's (Sustainability Base) photovoltaic glass entry canopy.



photo: Xiao Hu

Ryan McColly presenting to the Board at Gritman.



photo: Bruce Haglund

An ample overhang shades the south-facing windows.

GRITMAN HOSPITAL EVALUATED

Students in Xiao Hu's Arch520 Architectural Research Methods class conducted a POE study on the Gritman Hospital in Moscow. During the 4-week-long study, three student teams evaluated the spatial performance of the public areas of the hospital and proposed possible design solutions or their improvement. They presented their findings in April to the Board of the Gritman Hospital, which considered them very important for the hospital's maintenance and development. Some design suggestions will be considered in the hospital's spatial update plan.

POST-OCCUPANCY EVALUATION OF PITKIN NURSERY CLASSROOM

The Building Performance Seminar (Arch 571) began an investigation of the actual and modeled performance of the award-winning, Patano Studio-designed classroom building during fall term. The scope of their research was to 1.) use hand-held instruments and data loggers to investigate thermal and luminous performance of the building 2.) record and analyze performance based on meter readings from electrical and natural gas consumption, 3.) model predicted performance based on the architectural drawings and specifications, and 4.) survey occupants for comfort and satisfaction before and after they move into the building. Since the building is near campus the students were able to schedule biweekly visits for observation, interaction with occupants, measurement, and meter data collection. The building was left unoccupied, but conditioned during fall term, with occupation schedule to begin at the beginning of spring term. This schedule gave the students the unique opportunity to compare both their unoccupied and occupied models with actual building performance. Several members of the seminar will continue the research during spring term and hopefully present their findings at the 2015 Spring Simulation Conference (SpringSim'15) in Alexandria, VA April 12–15, 2015.

F A C U L T Y U P D A T E S

DAVID FRANCO

David joined us in Fall 2013. Prior to that he has simultaneously developed professional and academic careers in Spain, having achieved international recognition in both. He obtained his MArch in 2001 and his Master in Advanced Research Studies in 2010, both at the Architecture School of Madrid (ETSAM) of the Technical University of Madrid (UPM). He taught at the Institute of Technology of the San Pablo Ceu University of Madrid prior to Idaho. He has also lectured as a visiting teacher at different Universities in Spain, England, Norway, and Germany. Currently he is working on the last phase of his PhD dissertation.

After ten years of professional experience in different architectural offices, he opened his own practice in Madrid in 2004 under the name MISC arquitectos <<http://www.misc.es>>, where he has developed and built projects including public housing, small institutional buildings, public spaces, and landscape areas in Norway, Finland, England, Poland, and Spain, being awarded National and International prizes in a number of competitions. His architectural proposals and his research have been widely published in books and magazines and displayed in significant exhibitions such as the 10th Venice Biennale.

He taught UI second-year and graduate studios brilliantly. Sadly, David has left us to take a job at Clemson University. He and his family moved to South Carolina at the end of July 2014. We wish him well!

RULA AWWAD-RAFFERTY

Rula was honored with UI's Dr. Arthur Maxwell Taylor Excellence in Diversity Award for 2014. She has spent Fall 2014 on sabbatical—tales to follow! You can get a glimpse from Rula's Jordan National TV interview at <<http://youtu.be/RhtA1Elbz88>>.

RANDY TEAL

Congratulations! Randy has been named Chair of the Architecture Program beginning in Summer 2014. Not only that, but he has been awarded the President's Mid-Career Faculty Award to acknowledge his commitment to outstanding scholarship, teaching, and engagement. As a recipient of this award, he is considered as one of the university's most gifted faculty members who continues to serve as a role model, a source of inspiration for students, and whose scholarship or creative activities contributes to the intellectual development and lives of people in Idaho and globally.

Randy spent last year on sabbatical in Finland working on his PhD. During this time he also taught a design studio at Tampere University of Technology, and was a guest critic at KTH Stockholm and at the University of Edinburgh. Additionally his book chapter entitled, "What Architecture Can Teach Us About Visual Communication," was published in *Visual Communication*. ed. David Machin, (De Gruyter Mouton: Berlin 2014).

XIAO HU

Xiao has been promoted to Associate Professor of Architecture with tenure. Well done Xiao!



Final board from Yan Gong's Arch 254 design project.



Randy experienced high noon in December in Lapland as well as the delights of Finnish architecture.



Randy experienced high noon in December in Lapland as well as the delights of Finnish architecture.

presentation board: Yan Gong

screen shot: Ya Tair program

photo: Randy Teal

FACULTY / STAFF UPDATES

WENDY MCCLURE, EMERITUS

After 27 years on the architecture faculty and completing hundreds of community design studio projects in partnership with 60+ northwest communities I decided to shift gears and become Professor Emeritus on July 1. While I knew I would miss working with students and colleagues, I am excited to embark on a new journey both personally and professionally.

So what am I doing with all of that extra time? In July I traveled to Porto, Portugal to present a paper on how urban morphology can inform urban design practice at the International Seminar on Urban Form (ISUF). While in Porto I participated in the ISUF's Council meeting as a newly appointed member and one of a few American scholars to ever serve in that capacity. My son Reed helped me move from campus to Main Street in downtown Moscow to set up a community oriented architecture practice. Presently I serve as chair of the Moscow Historic Preservation Commission and Vice Chair of the Planning and Zoning Commission. I am helping to organize the 2nd Idaho Heritage conference which will be held in Moscow in September 22-24, 2015. Last month I gave an invited lecture about sustainable development in mining towns for the Malcolm Renfrew Interdisciplinary Colloquium. During the summer Anne Marshall, Phil Mead, Nels Reese, and I traveled throughout Idaho in pursuit of 100 buildings that best represent Idaho's architecture, past and present, for *Archipedia*, an online encyclopedia sponsored by the Society of Architectural Historians. The writing for Idaho's 100 has now begun (see Archipedia article) and should be up on the web by January 2016.

As for the future... I am looking forward to more design opportunities, continued community engagement, more world travel, more backpacking trips, a few home remodeling projects, and more opportunity to research and write about the Northwest's best towns and places.

I wish to thank the many students who brought creative energy, joy, enrichment, and challenges to my life at the university. I hope that we cross paths in the years ahead.

ROMÁN MONTOTO

Román Montoto has recently overseen construction of the Bay View Art Stop project in Milwaukee, WI. The project was initiated as an open competition in late 2011 that called for a monumental sculpture in addition to a functioning bus shelter on a newly reconfigured residual traffic island near the northern entry of the Bay View neighborhood in Milwaukee. After becoming a competition finalist, Montoto's entry was selected as the top proposal which included pursuing a final phase for construction. The construction phase of the project began in May of 2014 and only a few minor modifications remain before it reaches completion.

BILL BOWLER, EMERITUS

Bill was presented with the 2014 City of Moscow's Mayor's Arts Awards for Lifetime Achievement at the gala on Thursday, October 16, 2014 at the 1912 Center Great Room. Free refreshments and a no-host bar were provided. The Mayor's Arts Awards are designed to recognize individuals and organizations that have shown substantial support of the arts. Moscow Mayor Bill Lambert made the difficult farwardee selection from a great nomination pool.

photo: Wendy McClure



Professor Emeritus McClure relaxing in Morocco.

photo: Roman Montoto



Román's Bay View bus shelter and sculpture.

P R O G R A M

N O T E S

The 2013 Architecture License Exam pass rates are out and once again, Idaho graduates compare favorably to graduates of top ranked programs. We outscored Cal Poly SLO and Sci Arc in 6 out of 7 exams in 2013. We also compared favorably with two Ivy League programs. Thanks in part to our Landscape Architecture program, results from the 2013 Site Planning and Design exam show Idaho grads scored the highest at 88%. This is 13% higher than the combined average of all Ivy League programs, only Yale scored higher at 89%.

These results echo the educational arguments made by Malcom Gladwell (*Tipping Point, Outliers*) in his latest book, *David and Goliath*. In chapter 3 he points out several ways that 2nd tier institutions like Idaho outperform top level schools. His most compelling case demonstrates how ambitious students in the bottom third of Ivy League schools are at a distinct disadvantage to those with similar academic talents in the upper third of 2nd tier institutions. The latter are more successful at achieving academic and career goals in the long run due to higher levels of confidence. His arguments reinforce Forbes Magazine's ranking Idaho as a Top Value University.

—Phil Mead

2013	Programming, Planning & Practice	Site Planning	Building Design & Construction Systems	Schematic Design	Structural Systems	Building Systems	Construction Documents and Services
IDAHO	73%	88%	74%	63%	83%	71%	63%
Cal Poly SLO	50%	65%	61%	84%	80%	65%	60%
Sci Arc	53%	42%	53%	70%	53%	52%	50%
UCLA	58%	60%	73%	71%	69%	67%	69%
Berkeley	68%	75%	67%	91%	79%	83%	68%
U. Wash	83%	82%	59%	76%	81%	57%	91%
Princeton	63%	82%	89%	63%	82%	73%	50%

<http://www.ncarb.org/ARE/ARE-Pass-Rates.aspx>

chart: Phillip Mead

D E S I G N N O T E S F R O M A L U M S

ROB CHURCH (BARCH 1996)

UI visiting professor of architecture Rob Church was honored in Vancouver, BC, on March 3, 2014 when the Salmon Arm Savings and Credit Union (SASCU) Uptown Branch was awarded the Canadian Wood Council's 2014 Architect's Award as well as its 2014 Commercial Wood Design Award. The project received top honors among 113 provincial, national, and international projects nominated. The intention of the Canadian Wood Council's award program is to honor projects that showcase distinctive and unique qualities of wood such as strength, beauty, versatility, and cost-effectiveness.

The design of the 20,000 square foot SASCU Uptown Branch subtly references the unique relationship that SASCU has with the Shuswap region. The project's overall forms and its materiality were shaped by the natural and man-made characteristics of its location. The building is organized around a long sweeping street-front space that serves as an extension of the adjacent square, thus providing interior public spaces as well as access to a series of contact points with of the various financial services provided. This volume is defined by a nail-laminated roof structure supporting an extensive green roof system. Supporting this roof slab as well as defining the building's entry is a series of turned, parallel-strand-lumber columns which formally reference a local landmark pier. The design sought to minimize energy use through high-performance envelope design and an HVAC system that features floor-by-floor energy recovery and earth-tube tempering of intake air. Rob was the designer and project architect for the SASCU Uptown Branch with Ratio Architecture in Vancouver, BC, prior to joining the UI architecture program as a visiting professor in August of 2012.



SASCU Uptown Branch entry and arcade.

photo: Rob Church

DESIGN NOTES FROM ALUMS

SCOT OLIVER (MA ARCH 2002)

As Executive Director of Idaho Smart Growth, Scot presided over the 2014 Grow Smart Awards Celebration on Thursday, November 13, at the McCleary Auditorium at Saint Alphonsus Medical System in Boise. Among the awardees were the CSHQA Boise Office for Green Building and the Moscow Intermodal Transit Center for Transportation.

Smart growth is a range of characteristics related to a community's decisions about land use, transportation, housing, patterns of growth and development and the preservation of its cultural identity and natural beauty. Smart growth actions equally strengthen a community's economy, environment and its citizens. Each year Idaho Smart Growth celebrates excellent examples of smart growth projects from around the state. Submissions are reviewed by a jury of experts and awards are given in a variety of categories—not always each year.

Full award and event information is available at <http://www.idahosmartgrowth.org>.

TED PRATT (BARCH 1982)

A House for a Gardener and a Seamstress

Once upon a time on the Western edge of San Francisco a gardener and his seamstress wife shared a cozy 1929 row house with two German Shepherds, several planting starts and a wide assortment of fabrics. Having a place to call their own in the city they loved was a dream come true. When they bought the house in 2003 they embraced the charm of their new home that had not been changed in any way since it was built. Before moving in they hired a contractor to upgrade a few items like the electrical system, new light fixtures, refinish the oak floors and painting. It wasn't long though that they realized they hadn't done enough.

[Read the rest of this fairy tale on Ted's blog post of July 19 at <http://mtparchitectsnews.blogspot.com/>. -bth]

TIM BODEN (BARCH 1984)

Belwoods301 by Boden Mountain Architecture LLC (BMA) is a 20,000 sqft reuse project in beautiful downtown Sandpoint at Cedar and 3rd Streets. The historic portion of the complex was a 100-year-old brick building surrounded by CMU warehouse buildings that was last used as a furniture store. The owners, Julie and Steve Meyer, wanted to bring the complex back to life and enhance the area for another 100 years. The new mixed-use complex that includes Pend d'Oreille Wine Bar and Bistro Rouge Cafe, Tierra Madre Cafe and Juicery, and Downtown Yoga on the street level, along with a sunny courtyard. On the upper levels are professional offices all connected by a new atrium, which was designed for vertical circulation and to show off the old mural on the west side of the historical brick portion. The idea behind the project was to reuse not only the building, but all the parts that were removed. Most of the wood trim, flooring, glass block, and brick was reused in the finishes. Even the old wood floor joists and columns were used in highlighted areas in the Wine Bar. The building was updated with the latest energy efficiency systems, structural building elements, and materials to make it thrive for the next 100 years. It was certainly a labor of love for the owners, contractor (Mountain Construction), structural engineer (DGT Engineering) and architect (Tim Boden) and the final product shows everyone's efforts and care. It's worth a visit if you are in the Sandpoint area!



Sherry McKibben and Scott at Grow Smart 2014.



The SF Fairy Tale Cottage. Find out what Ted did.



Belwoods301 under construction last summer.

photo: Smart Growth web site

photo: Ted Pratt

photo: Streetview, GoogleEarth

DESIGN NOTES FROM ALUMS

HAILIE (LEWIS) THOMAS (BID 2004) AND KATY (STUDER) HOXSEY (BID2006)

Hailie and Katy formed Design Vim, a full-service Interior Design consulting firm in Boise. The firm is a Female-, Veteran-Owned company that offers a complete range of services for a variety of project types. Design Vim is engaged in both commercial and residential projects, and their award-winning designs have been featured on Home& Garden Television (HGTV), in Houzz, by the Building Contractors Association of Southwestern Idaho, and by the Interior Designers of Idaho. The interior design partners are LEED AP- and NCIDQ-certified. For more information, please visit <<http://www.design-vim.com>>.

SHEILA GATES-PING (MARCH 2001)

I have some news; I passed all of my architect registration exams and received my license from Washington State in November. Yeah, I'm so happy to be done with the A.R.E and licensing process. Now on to better opportunities in the future. I've been working in architecture in the Spokane area since 2001, currently for Integrus Architecture since February 2014.

I hope all is going well at the College of Art and Architecture. I typically donate money to the University of Idaho scholarship programs and ask that my donation goes to architecture programs. *[Thanks!-bth]* I hope to have time to visit campus again in the near future.

MAUREEN MCPROUD WHEELER (BARCH 1977)

Maureen is having a showing of selected works at the Moscow office of D. A. Davidson located at 111 N. Washington. Accomplished in watercolors, collage, sculpture and linocuts, her showing of work is all of Idaho scenes. Selected artworks can be seen at <http://wheelerarchitects.com/Maureen_Art/maureen_index.html>.

JIM RILEY (MARCH 2000)

The Council on Tall Buildings and Urban Habitat (CTBUH) selected the Edith Green-Wendall Wyatt Federal Building in Portland. as the Best Tall Building of 2014 in the Americas. Jim, an Associate at SERA Architects in Portland, was Project Architect. CTBUH cited, "This project achieves operational sustainability that would be admirable in a brand-new building, let alone a retrofit of a 1970s "energy hog." The building has been transformed from a bunker-like, concrete-encased mass into a trellised volume that seems more lightweight by an order of magnitude, yet affords more floor space than the previous version."

TYLER ASHWORTH (MARCH 2010)

I just got licensed!...well almost. Found out I passed my last exam yesterday. NCARB has the paperwork processing with the Washington DC Board. I should be official before the end of the year.

No more exams nor Associate AIA!



Katy and Hailie.



Tomer Butte by Maureen Mcproud Wheeler.



Edith Green-Wendell Wyatt Building, looking up the west facade.

photo: Design Vim

watercolor: Maureen Wheeler

photo: Jim Riley

M I L E S T O N E S F O R A L U M S

TYLER ASHWORTH (MARCH 2010)

I just finished my first marathon this last weekend here in DC. I ran in the 39th Marine Corps Marathon with 20,000 other runners on Sunday, October 26. While I did not beat our celebrity guest runner, actor Sean Astin (Rudy, Lord of the Rings), I am still happy with my time, and it felt great to finish! I am already planning on my next big race. And, of course I had to represent my alma matter in the race. It helped to get lots of "Go IDAHO!" cheers from all of the spectators. I think the strength of my smile in the finish line photo is only due to my sheer satisfaction that the pain was finally over.

JASON COCHRANE (MARCH 1999)



Trekking the Pacific Coast Highway. It's easy to imagine a similar route in Peru!

A co-worker and I recently cycled from SF to LA to raise money for a school/cultural center in Lamas, Peru, that was destroyed in the recent earthquakes. This trip was coordinated with the LA chapter of Architects for Humanity and supported by HMC Architects. The trip was also used to promote cycling and alternative transportation within the firm. We cycled the 500 miles in 5 days.

F R U I T P L A T E S I N M O S C O W !

Director of the UI Prichard Art Gallery Roger Rowley and his daily fruit plate photography was featured on CBS recently. The video interview highlights Roger's work and the coolness of Moscow—especially since Saturday Farmer's Market has moved to Main Street. Check it out, you'll love the opportunity to revisit Moscow and be awed by Roger's work! You can see the CBS presentation at <<http://www.cbsnews.com/news/art-thats-delicious-roger-rowleys-fruit-plates/>>. And photographs of the fruit, organized by date and region of the fruits depicted, are at <<http://www.fruitplate.org/>>. Enjoy! Well done Roger!

—Bruce Haglund



Photo: Tyler Ashworth

Tyler after the marathon, no sweat!



Photo: Roger Rowley

From Fruit Plate Variation 10.

A I A I D A H O H O N O R A W A R D S

Every other year, the Idaho Chapter of the American Institute of Architects, encourages the 280 members of the four sections: Eastern, Northern, Central, and Mountain to submit recently built projects for consideration. Members submitted 36 separate entries to the April call. The awards were presented September 19, 2014, in Boise, to a full house of about 120 at a Gala evening event in the Idaho Room on the 17th floor of the Zions Bank Building, 8th and Main that featured food from Angells, drinks from the Piper Pub, live music by the Hi-Tops' John Laufenburger and friends.

Current AIA Idaho president, Jerry Myers, AIA introduced the Jury: James Richârd, AIA, Richârd + Bauer, Phoenix, AZ , foreman; Phillip Mead (BArch 1984), AIA, Associate Professor, University of Idaho College of Art & Architecture; Tom Zabala, AIA, ZGA Architects & Planners Chartered (retired); and Mike Boeck, Idaho Forest Product Commission (Best use of Idaho Wood).

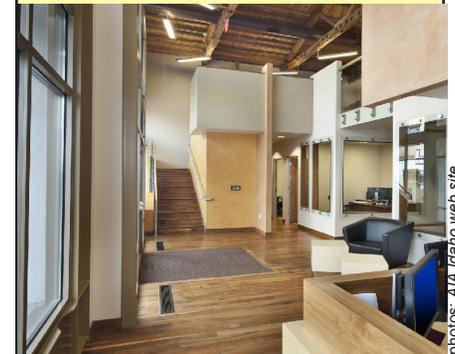
Idaho grads and former faculty members were among the honorees—Chris Patano (BArch 1995), an Honor Award and Best Use of Idaho Wood Award for the Pitkin Nursery classroom building and a Citation Award and Best Use of Idaho Wood Award for the Ferris Cabin; Steve Trout (BArch 1997) a Merit Award for Syringa Networks Office; as well as former faculty Jack Smith, a Merit Award for the Poulsen Residence and Sherry McKibben, a Merit Award for the Alzar School.

Check out <http://www.aiaidaho.com/Honor_Awards.html> to see more and if I missed anyone. I know there were some UIdaho hands in on the CSHQA office (which also won a Green Project award from ENR Mountain States) and CTA awards.

—AIA Idaho & Bruce Haglund



Honor Award, Public, winner Pitkin Nursery classroom.



Merit Award winning Syringa Networks office..

photos: AIA Idaho web site

STUMPER RESULTS: NOBODY ENTERS, NOBODY WINS!

Nobody wanted to delve into the urban loo pictured in the last issue. Although all the suggested sites were tempting, Copenhagen was the answer. This particular loo has no running water, is semi-enclosed, features a simple trough for urine collection, favors the male gender, and is right next to a church. Go figure!

Another chance for fame. I know everyone thoroughly enjoyed my ECS multiple, mystical, magical guess exams, so here a question to take you down Memory Lane:

The student pictured to the right, Clay Reiland, is

- A. dressed for the Beaux Arts Ball
- B. really just sucking up
- C. ready for a Halloween party
- D. a Haglund wannabe

All correct answers posted to <bhaglund@uidaho.edu> will gain fame in the next issue.

—Bruce Haglund



photo: Bruce Haglund

NEW ARRIVAL



photo: David Davies

David Davies (BArch 1985) and his new son, Xavier Alvarado Davies born June 2013.

ALUMNUS AND FACULTY MEMBER PASSES AWAY

FRANK CRONK (BARCH 1965)

Frank A. Cronk, professor emeritus of art and design, passed away Saturday, June 28, at his home in Lewiston, Idaho.

Born in Culver City, CA, in 1942, Frank became an Idaho boy in 1947 when his family moved to the Kuna area. His early work involved farming, ranching, and bar keeping, before heading to a long academic career in the arts. Frank was a graduate of the University of Idaho with a B.Arch ('65), MA Art ('67) and MFA Art ('72). Frank also served with distinction in the U.S. military, earning a field promotion to first lieutenant and a Bronze Star during his year in Vietnam. He taught ceramics and web information design at the University of Idaho from 1972 until his retirement in 2012, and chaired the department of art from 1983 to 1992. Frank combined a love of learning with a passion for people, whether mentoring students or advising friends. Additional interests included gardening and caring for stray kittens.

The memorial service was held Saturday August 16 at 10 a.m. at the American Legion Cabin, 317 S. Howard St., Moscow.



photo: Sally Machlis

Frank at work in times gone by.

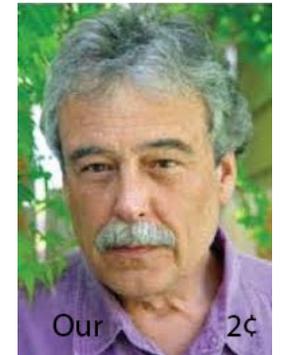
—UI Register

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STUMPER

The Kiva, a former Arch 253/4 studio space, fell to the wrecking ball this Fall. Do you have a favorite/hated studio space that no longer exists. Send your stories via e-mail to <bhaglund@uidaho.edu> for recognition in the Spring 2015 issue of *Architecture & Interiors News*.

***Our Friends and Alums
Programs in Architecture & Interior Design
College of Art & Architecture
University of Idaho
World-Wide***



Our 2¢
Frank mail