

photo: Bruce Heglund

# IDAHO

# ARCHITECTURE NEWS

## OUR FUTURE: SUSTAINABLE DESIGN AND STEWARDSHIP

### UI PRESIDENT WHITE SETS COURSE FOR BUDGET STABILIZATION, FUTURE SUCCESS

*[On February 11, 2005 President White announced his vision for UI's future. Since it strikes a chord of hope to those of us in Architecture and Design, I've rerun the press release below.—bth]*

MOSCOW – University of Idaho President Timothy P. White this afternoon outlined a “Plan for Renewal in People, Programs and Place” at the institution and explained a five-step action plan to bring the institution’s budget into balance and five strategic academic themes to guide the university into the future. “Now is the time to summon the will for change and exhibit the resolve to be successful,” White said. “The need to align our resources with focused priorities is pivotal for achievement of our aspirations for the future and to serve the people of Idaho, the nation and the world.”

White’s “Plan for Renewal of People, Programs and Place” focuses the vision of the institution and calls for investment in competitive compensation to recruit and retain quality faculty and staff. It also calls for investment in five strategic, inter- and multidisciplinary academic themes:

- Promoting science and technology
- Advancing the liberal arts and sciences
- Catalyzing entrepreneurial innovation
- Stewarding the environment
- Understanding sustainable design and lifestyle

In addition, the president’s plan calls for investment in advancement of the university to serve Idahoans, including redesigning and energizing outreach activities; being more strategic in enrollment management; implementing a university-wide diversity plan; reorganizing and downsizing administration; and preparing for a capital campaign.

“The future will be based on a plan designed to strengthen the university internally, while promoting the alignment and synergy of efforts with the University of Idaho Foundation and University of Idaho Alumni Association, so that we all can work together to strategically advance the interests and mission of the university,” White said. He also outlined steps for an immediate and permanent budget reduction of \$4.75 million, approximately 1.5 percent of the institution’s overall budget, and outlined a multi-year approach to solve accumulated deficits at \$2 million per year.

The president’s presentation is the culmination of a planning process that began right after his appointment last spring. White appointed the University Vision and Resources Task Force, a group of distinguished faculty, staff and students who spent the summer developing a plan for refining the institution’s vision for the future and outlining ways to bring its resources in line with its offerings. That report was delivered to White in late September. An open comment period on the document ran from October through November last year.

President White’s memo on UI’s Strategic Directions, the text of his PowerPoint presentation and streaming audio/video files of his university-wide address are available at <http://www.its2.uidaho.edu/webcast/archives.htm>.

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## SPRING 2005

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The electronic newsletter of the Department of Architecture, featuring Architecture, Interior Design, and the IURDC.

photo: Bruce Haglund



President White vows that the next UI building will be green.



How sustainable are recent additions to the UI campus?



# UNIVERSITY OF IDAHO SIGNS TALLOIRES DECLARATION

As the result of almost six years of effort by ASUI senator Jonathan Teeters, March 3 or 4, 2005 was the official signing day for the Talloires Declaration at the University of Idaho. The event was celebrated with a keynote address by the declaration’s author Anthony Cortez. The *Argonaut* reported that Jay Kenton, departing UI VP for Finance & Administration, declared, “The university has nothing to lose and much to gain from adopting sustainability as a mantra on campus. I believe a commitment to sustainability is important for a variety of reasons. First, I think it represents prudent stewardship of the state’s assets and our environment. Second, it shows concern for the future by exposing and educating tomorrow’s leaders (our current students) about the societal benefits of such a program. And lastly, as an institution of higher learning, I believe that the public expects the university to provide leadership and contribute knowledge in this regard—thus it is part of our basic mission and purpose.”

This move is welcome news to architecture, a program that has addressed sustainability with increasing vigor beginning with the OPEC oil embargo of the mid 1970s. We’re hoping that the signing will bring as positive a change and as significant a role for architecture as occurred at Ball State University, which has established a campus-wide Council on the Environment, five interdisciplinary clustered minors in sustainability, a sustainability lecture series, and a biennial Greening of the Campus conference—Greening 6 will be held in September. See <<http://www.bsu.edu/provost/ceres/cote/#announce>> for more info.

Just before signing the President White declared that the next campus building will be sustainable. Which of the recent UI buildings pictured here are green? White is also establishing a President’s Council on Sustainability and Bruce Haglund is a member of the steering committee that is helping to form the council.

—Bruce Haglund

## WHAT IS THE TALLOIRES DECLARATION?

Composed in 1990 at an international conference in Talloires, France, this is the first official statement made by university administrators of a commitment to environmental sustainability in higher education. The Talloires Declaration (TD) is a ten-point action plan for incorporating sustainability and environmental literacy in teaching, research, operations and outreach at colleges and universities. It has been signed by over 300 university presidents and chancellors in over 40 countries.

ULSF is the Secretariat for signatories of the Talloires (pronounced Tal-Whar) Declaration. For more info visit <[http://www.ulsf.org/programs\\_talloires.html](http://www.ulsf.org/programs_talloires.html)>.

## THE TALLOIRES DECLARATION

**We, the presidents, rectors, and vice chancellors of universities from all regions of the world** are deeply concerned about the unprecedented scale and speed of environmental pollution and degradation, and the depletion of natural resources.

Local, regional, and global air and water pollution; accumulation and distribution of toxic wastes; destruction and depletion of forests, soil, and water; depletion of the ozone layer and emission of “green house” gases threaten the survival of humans and thousands of other living species, the integrity of the earth and its biodiversity, the security of nations, and the heritage of future generations. These environmental changes are caused by inequitable and unsustainable production and consumption patterns that aggravate poverty in many regions of the world.

We believe that urgent actions are needed to address these fundamental problems and reverse the trends. Stabilization of human population, adoption of environmentally sound industrial and agricultural technologies, reforestation, and ecological restoration are crucial elements in creating an equitable and sustainable future for all humankind in harmony with nature.

# UNIVERSITY OF IDAHO SIGNS TALLOIRES DECLARATION

Universities have a major role in the education, research, policy formation, and information exchange necessary to make these goals possible. Thus, university leaders must initiate and support mobilization of internal and external resources so that their institutions respond to this urgent challenge.

WE, THEREFORE, AGREE TO TAKE THE FOLLOWING ACTIONS:

1. Use every opportunity to raise public, government, industry, foundation, and university awareness by openly addressing the urgent need to move toward an environmentally sustainable future.
2. Encourage all universities to engage in education, research, policy formation, and information exchange on population, environment, and development to move toward global sustainability.
3. Establish programs to produce expertise in environmental management, sustainable economic development, population, and related fields to ensure that all university graduates are environmentally literate and have the awareness and understanding to be ecologically responsible citizens.
4. Create programs to develop the capability of university faculty to teach environmental literacy to all undergraduate, graduate, and professional students.
5. Set an example of environmental responsibility by establishing institutional ecology policies and practices of resource conservation, recycling, waste reduction, and environmentally sound operations.
6. Encourage involvement of government, foundations, and industry in supporting interdisciplinary research, education, policy formation, and information exchange in environmentally sustainable development. Expand work with community and nongovernmental organizations to assist in finding solutions to environmental problems.
7. Convene university faculty and administrators with environmental practitioners to develop interdisciplinary approaches to curricula, research initiatives, operations, and outreach activities that support an environmentally sustainable future.
8. Establish partnerships with primary and secondary schools to help develop the capacity for interdisciplinary teaching about population, environment, and sustainable development.
9. Work with national and international organizations to promote a worldwide university effort toward a sustainable future.
10. Establish a Secretariat and a steering committee to continue this momentum, and to inform and support each others efforts in carrying out this declaration.



# ARCHITECTURE STUDENTS WILL SUMMER IN VICENZA

## VICENZA PROGRAM 2005

The new Vicenza Program will make its second pilgrimage to the architectural holy lands of Italy and Southern Switzerland starting May 31, 2005. Dr. Michael Jones of Seattle will lead 12 students who will spend countless hours sketching monuments, writing haikus, and waxing philosophically on the buildings, gardens, squares, and streets of 12 Italian cities and towns (Rome, Orvieto, San Gimignano, Florence, Sienna, Lucca, Pisa, Venice, Vicenza, Verona, Milan, Lugano, and Bellinzona). After two weeks of initial travel the class settles in Vicenza where they spend five studio-intensive weeks in the University of Florida's architecture facilities, located just two medieval blocks away from the main square where Palladio's Basilica proudly stands. Here students are given 5 problems for which they design in the manner of Carlo Scarpa where all their drawings are recorded on only one 20" x 30" sheet of watercolor paper. This produces a multi-layered "palimpsest" record of all initial thoughts, process sketches, and finished watercolors. Problems range from the urban scale to small, crafted details. Theory courses involve the readings of the Surrealist Raymond Roussel—both Carlo Scarpa and the philosopher Michel Foucault were avid fans—and Marco Frascari. After the Vicenza studio, the program's grand tour ends in Southern Switzerland where they visit some of Europe's finest modern architecture by Botta, Galfetti, Zumthor, and Terragni in the palm tree populated Alpine cities of Lugano and Bellinzona.

Last year, Phillip Mead accompanied the group for two weeks from Rome to Vicenza. This year department chair Wendy McClure will join the two week tour from Rome to Vicenza, while Mead will accompany the tour in Switzerland. It is hoped that in the future that alumni can join the initial two week tour and help provide scholarships to those students who will need financial assistance.

In the past, Dr. Michael Jones successfully directed the Vicenza studio for 10 years at Texas Tech University. Jones, a native of Great Britain, immigrated first to Canada, then the US in the 1960s where he practiced and taught architecture. He received his PhD from Georgia Tech before moving to Texas Tech University where he served as Associate Dean for ten years. He is now enjoying his semi-retirement in Seattle.

—Philip Mead



San Gimignano Shop Front



San Marco, Venice



Brion Family Tomb by Carlo Scarpa



Theater of Marcellus, Rome

# STUDIO REPORTS FROM DRIGGS TO PORTLAND TO SEATTLE

## COMMUNITY DESIGN STUDIO IN DRIGGS

Fifteen architecture students in Wendy McClure's 4<sup>th</sup> year community design studio traveled 1,240 miles round trip, not once but twice, during the fall semester to help the City of Driggs Idaho envision the future of its downtown. The project grew out of a national "Your Town Workshop" held at the nearby Targee Ski Resort last July. Driggs City Planner Doug Self was awarded one of 4 annual National Endowment for the Arts "Your Town Workshop" Grants for communities to bring in a team of community design and planning experts. The team of Jeff Beck from Duany Plater-Zyberk and co-author of *Suburban Nation*, Ed McMahon of the Conservation Fund and co-author of *Gateway Communities*, regional planner and Sonoran Institute director Randy Carpenter, Wendy McClure, and the base "Your Town" team of SUNY landscape architecture faculty led by chair Richard Hawk to work with citizens, design professionals and civic leaders on a downtown plan. The 4-day workshop and design charrette generated concepts for a revitalized downtown to serve a rapidly growing region and expanding ski area. To fulfill the need for follow-up Wendy convinced the City of Driggs to use the balance of the "Your Town Workshop" funding to support participation of her studio for a 10 week project. Students teamed up to develop expanded visions for the 4 block core of downtown including concepts for shared parking, mixed-use infill, affordable housing, rehabilitation of historic buildings, a 21<sup>st</sup> century McDonalds, a civic plaza, and transformation (metamorphosis!) of a butler building (former grocery store), recently acquired by the City, into what Mayor Lou Christensen describes as "a city hall with a civic presence." Energized by the reality-charged agenda, students creatively met the challenge and presented their ideas to an enthusiastic audience on Oct. 28. Doug Self declared, "The student design studies put us light-years ahead in our planning and visioning process. Bob Heneage (UI 1997) of Plan-One has been awarded the contract to transform city hall.

—Wendy McClure



photos: Wendy McClure

## PORTLAND CRESCENT PROJECT

As part of a mixed-use, multi-lot, urban-industrial project at the Crescent, located beneath the I-5 overpass including the Esplanade recreational path on the east bank of the Willamette River, Kurt Rathmann's 4<sup>th</sup> year studio participated in a field trip to Portland, Oregon. Staying at the hip-happenin' retro Jupiter Hotel, the students were greeted on Thursday, February 2 by Jim Walker and UI alumnus Scott Mizée with Mulvanny-G2 Architecture. They surveyed the site, walked the Central Eastside Industrial District, explored the utility penthouse and rooftop of the ODS tower, and participated in an informal design charette with the entire MG2 staff. Friday was spent mostly in the Pearl District touring numerous buildings and offices including the Brewery Blocks with Craig Davis and Kathy Bash of GBD Architects; the Weiden+Kennedy Headquarters with Matt Johnson of Allied Works Architects; and the EcoTrust Building. John Echlin with SERA Architects guided us across the St. John's Bridge to the Water Pollution Control Lab (Miller Hull with SERA). The day concluded with an informal yet informative tour of SERA followed by dinner with UI alumni Jeff Law, Jim Riley, and George Hager. Upon completion, the students' design work will be digitally composed and distributed for comment to the Portland architects with whom we visited.

—Kurt Rathmann



photos: Kurt Rathmann

## COMPREHENSIVE DESIGN STUDIO

Assistant Professor Diane Armpriest has been working for the past three years to develop and teach Arch 555, a Comprehensive Graduate Design Studio. The primary challenge is to demonstrate that students are able to develop a complex building design project, taking it from programming through detailed design. During Fall Semester 2004 the students and project came together very successfully on the Civic Center design for the Northgate neighborhood in Seattle which included a 10,000 sf branch library, a 20,000 sf community center, and a park on an existing 3 acre parking lot. Final review critic Ned Warnick, AIA stated, "I saw more high quality comprehensive thought in that studio than I see in many "real" projects with substantial budgets and famous design teams."

—Diane Armpriest



drawing: Derek Miller

# INTERIOR DESIGN INTERNATIONAL NEWSMAKERS

## INTERIOR DESIGN MAJOR DEPLOYED IN IRAQ

Katy Studer, a senior in Interior Design from Bonner's Ferry, Idaho, is on deployment in Iraq with the National Guard 116<sup>th</sup> Engineer Battalion; Post Falls, Idaho. SPC Studer is a graphic specialist with Planning and Operations and has been hand selected to be on a humanitarian/economic team working with local building projects. Katy has been in Iraq for 3 months of her one-year deployment.

Among her duties, Katy designed her Battalion's Military Challenge Coin, a token of appreciation given to soldiers and people outside the military.

*"Fortunately, I am in a position where I will get a chance to see the country and the culture. Unfortunately, I stick out like a sore thumb—the Army get-up, crazy red hair, and the fact that I am taller than every man in a country where a good portion of them act as if I do not exist simply because I am a woman—therefore any chance to deeply explore a certain area in a combat zone is prohibited . . . My job during this deployment has transformed from being a first sergeant's driver to working with planning and operations as a graphic specialist, and now I work on a team developing humanitarian and economic projects, which will continue through the duration of this deployment. I love where I am working now—I get to communicate with local contractors and see countless positive factors of why the US military is in Iraq."*

[Reprinted from a letter Katie wrote for an article in the Kootenai Valley Press, March 2, 2005.]

—Shauna Corry

## UN CERTIFICATE OF APPRECIATION

Heather Evans, senior Interior Design student, received a Certificate of Appreciation from The United Nations Human Settlement programme—International Council for Caring Communities in recognition of her participation in the 2004 Student Design Competition "A Society for All Ages" in support of the United Nations Commission for Social Development. Heather's entry dealt with the adaptive reuse mixed-use of the old Vancouver, BC Public Library, as she treated the building as a city on a smaller scale. Of particular interest was her approach to "healing of the city by providing opportunities through design to those who are less advantaged and those outside the mainstream perspective". She provided a restaurant (farestart approach), diverse health care clinics, art center, financial planning offices, and apartments. Heather's design focus was on highlighting the linkage of Vancouver, Canada with the 2010 Winter Olympics through the country's natural landscape and design elements of healing.

—Rula Awwad-Rafferty



photo: Katy Studer

Katy Studer, Senior Interior Design Major on assignment with the 116<sup>th</sup> Engineer Battalion in a small community in Iraq.



photo: Rula Awwad-Rafferty

Heather gets a post-award hug from Rula.

# NOTES ON STUDENT WORK

## MIXING ROTC AND CLEAN VEHICLES

The University of Idaho is investigating options for a new building on campus that would combine the current Military College (ROTC Programs) with a new Vehicle Engineering Lab. Assistant Professor Matthew Brehm is leading the 4th-year studio effort, working with Colonel Bruce Barnes, USMC (Professor of Naval Science) and Mechanical Engineering Professor Don Blackletter to clarify site and program issues. The ROTC programs are currently housed in a “temporary” structure, built in 1942 and meant to last just 10 years, and the Mechanical Engineering Department has secured preliminary funding for additional research labs—primarily for the development of clean vehicle technologies. Students will be producing design ideas for the University Administration and Idaho’s national congressional delegation. They, in turn, will be using the ideas and images to secure state and federal funds for the project.

## SKETCHING SEMINAR

At the request of several 4th- & 5th-year students, Matthew Brehm has begun teaching a new course on Sketching and Rendering. They meet twice a week and will be working through basic and advanced sketching techniques before moving into formal rendering skills using watercolor and other media. The class was bolstered by Paul Laseau’s visit and workshop in January, which gave students another opportunity to practice and refine their sketching skills.

—Matthew Brehm

## NATURAL LIGHTING EXPERIMENT TWO—TANIZAKI ILLUMINATED BY ANDEE MOYER

Objective: Read *In Praise Of Shadows* by Tanizaki and illuminate an idea, sentence, or paragraph from specific section.

Media: Adobe Photoshop on 8.5”x 11” matte paper.

The idea that I am interpreting is this: “Imagine his surprise were he to come home today, when everything is so much brighter.”—The author is trying to convey that Japan was once a quiet and softly lit place. Japan is so anxious to imitate the ‘American way’ that it changes itself. In great lengths, the Japanese culture has tried to compete with America and its technological advances, so much so that they have misplaced their past.

—Kevin van den Wymelenberg



George Tomisser presenting early ideas regarding site analysis and development.



James Taylor and William Metz sketching on the quad near the Library

photos: Matt Brehm



"Imagine his surprise were he to come home today, when everything is so much brighter."  
- Jun'ichiro Tanizaki

images: Andee Moyer

# D E S I G N - B U I L D

ARCH 453.04 FALL 2004



The Cube on the move.



The Cube in place.



Installing the COOP shading device.

Architecture within the built environment is the culmination of theoretical design (thinking) and practical construction (making). Connecting the idea of architecture to its reality, design-build offers an integrated process in which conception and fabrication are inseparable. During the last six weeks of the fall semester, Kurt Rathmann's section of 4<sup>th</sup> Year Design experienced the community-oriented duality of design-build in three teams working with the Moscow Charter School, the Moscow Food Cooperative, and the Inland Chapter of the Northwest EcoBuilding Guild.

A team of students including Nate Allen, Jeff Burchard, Matt Holste, Steve Tanner, and Chad Turner master-planned a linear obstacle course playground for the Moscow Charter School. Working with a committee of parents and teachers, the team designed and built the primary play structure within the overall master plan according to the Public Playground Safety Standards enforced by the Idaho State Division of Building Safety. Measuring 9'x9'x9' the "Cube" provides opportunities for simultaneous "physicality and creativity."

The Moscow Food Coop was the community client assigned to Aaron Dupont, Tara Gallagher, Gunnar Gladics, Kim Massimino, Jared Peterson, and Tim Pulley. An existing landscaped outdoor eating area within the City Right of Way on the south side of the store was in desperate need for an architectural shade solution. In conjunction with the Coop staff and City building officials, the students designed and built a syncopating series of wood trellises that effectively reduce the heat throughout the summer.

Collaborating closely with a volunteer committee formed by the Inland Chapter of the Northwest EcoBuilding Guild, Toby Norskog, Dave Shourd, Mike Stoor, and George Tommisser designed and built a lightweight, modular, traveling display booth for both indoor and outdoor events. The booth is intended as a demonstration of the Guild's mission and values. The primary materials are 2" diameter structural Tam Vong bamboo, 1/2" strawboard, and siliconized rip-stop nylon. Smaller lengths as adjustable feet extenders and roof extenders are coupled to the frame posts akin to the manner in which a pool cue stick is assembled. All other connections are simple through bolts with wing nuts. Corner shelves provide bracing and display literature and small material samples

—Kurt Rathmann

# LECTURE SERIES FEATURES AN ASSORTMENT OF BACKLANDERS

Compañeros:

Please find the *BACKLANDs* spring lecture series for this coming spring. The poster & dates will be added to our web site.

F 2.11.05	<b>Mark Sexton</b>	<b>Krueck &amp; Sexton</b>	<b>Chicago, IL</b>	<a href="http://www.ksarch.com/splash2.html">www.ksarch.com/splash2.html</a>
Th 2.24.05	<b>Will Bruder - (Boise)</b>	<b>Will Bruder Architects</b>	<b>Phoenix, AZ</b>	<a href="http://www.willbruder.com/wb.swf">www.willbruder.com/wb.swf</a>
F 2.25.05	<b>Will Bruder - (Moscow)</b>	<b>Will Bruder Architects</b>	<b>Phoenix, AZ</b>	<a href="http://www.willbruder.com/wb.swf">www.willbruder.com/wb.swf</a>
F 3.04.05	<b>Randall Stout</b>	<b>Randall Stout Architects</b>	<b>Los Angeles, CA</b>	<a href="http://www.stoutarc.com/">www.stoutarc.com/</a>
F 4.01.05	<b>Hernan Diaz-Alonso</b>	<b>Xefirotarch</b>	<b>Los Angeles, CA</b>	<a href="http://www.xefirotarch.com">www.xefirotarch.com</a>
F 4.15.05	<b>Jesse Reiser (WSU)</b>	<b>Reiser-Umemoto</b>	<b>New York, NY</b>	<a href="http://www.reiser-umemoto.com">www.reiser-umemoto.com</a>

—Román Montoto

## WSU ARCHITECTURE SPRING LECTURES

The following is the schedule of the lectures for this semester.

Feb. 28, Monday	Carlos Jimenez/Rice University
March 23, Wednesday	Ole Scheeren/OMA
March 30, Wednesday	David Goldberg/Mithun
April 4, Monday	Mitchell Schwarzer/CCA
<b>April 15, Friday</b>	<b>Jesse Reiser/Princeton University</b>

—Taiji Miyasaka



## ANSWERING THE CALL: GREEN—WIDE AND TALL!

*[I issued a call to our alums on the uiarchgrads list server to show and tell green building projects. As expected I got an enthusiastic response from a number of grads—after all I ran into a bunch of UI grads at GreenBuild in Portland last November. I'm sure this group of projects is just the tip of the iceberg! -bth]*

### SAN FRANCISCO

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Jinling is a 330 meter high tower with office spaces in the base, service apartments in the mid, and 5-star hotel in the upper portion. The structural diagrid eliminates the need for structural columns and vastly surpasses the Sears tower in structural efficiency. As far as green, we have proposed several items (raised floors, chilled ceilings, high fly ash concrete, possible double-skin), however we have not moved forward from the competition winning scheme to the concept design phase. This tower was featured at the Venice Biennale last year.

We are currently working on a LEED certifiable building in San Jose, however I cannot release any info about it at this time.

SOM is shifting from bright white to seafoam, not quite green yet.... But we are definitely on track.

—Stephen Grant Green, AIA  
Skidmore, Owings & Merrill, SF

### PORTLAND

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We're working on a 31-story condominium tower with retail at grade. The project is LEED Gold. We've incorporated the following key features:

1. Bio-reactor—treats all sewer water on site. Filtered water will be used as a water feature on our Level one plaza.
2. Bio swales and eco roofs treat all storm water runoff on site.
3. High efficiency mechanical equipment including individual heat pumps for each unit.
4. Bicycle parking above and beyond the city's design requirements.

We have been green and sustainable before the industry starting using these buzzwords for marketing purposes. Come check out our firm anytime. We designed the first LEED certified building in the NW, The Viridian Place. See <http://www.tvapdx.com>.

—Montgomery J. Hill  
Thompson Vaivoda & Associates Architects, Portland

### MISSOULA

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Our office is working on a multi-family housing project that uses ground source heat pumps, solar water heating, and photovoltaics. I'm sure that next summer the organization that we did the multi-family housing project for will have more sustainability tours if you are interested. This organization is a non-profit organization that builds typically low income housing projects but incorporates sustainable measures into the design. We won't start on construction of the housing project until next month or maybe even March. The "Community Barn" is going to be constructed with load bearing straw bale (The majority of the work will be volunteer.) and will serve as a meeting place for the tenants of the accompanying dwelling units and also as a storage for the organization that will be maintaining an Orchard that we are putting in with the project.

*continued next page*



image: Steve Green



image: Steve Green



image: Monty Hill



## ANSWERING THE CALL: GREEN—WIDE AND TALL!

One of my co-workers is working on a bank and has built a model and sent it to the Seattle Lighting Lab for testing. I was surprised by how easy and simple this process is. We, or any office, build a model, send it to the lighting lab, they run the tests for free, but the information they return to us is invaluable. It has certainly helped this project in the natural lighting scheme.

I'm getting the feeling that those long hours that we spent in studio were preparing us for the 60 hour work weeks that I'm now faced with.

—Ryan M. Johnson

*MacArthur, Means & Wells, Architects, PC, Missoula*

### SEATTLE

The project I'm working on at Anshen+Allen is the Bioengineering and Genome Research Building, more formally Life Sciences I and Life Sciences II, at UW. It attempted to be LEED compliant, but between consultant costs related to documentation, and actual cost increases to make it compliant (its a lab building and so very demanding from the MEP point of view), it didn't happen. But what's interesting is that its MOSTLY compliant simply because people wanted it to be that way, and a desire of the client to make a design statement and an energy-efficient building. The budget's about \$170 million, with \$70 million coming from Bill & Melinda Gates for the genome research facility. Originally the project was just the Bioengineering building, which is the one on the uphill (north) end of the site. The Gates money came later and so Genome lags behind, though heavily fast-tracked (so much so that it was under construction before bids were completed). The skin on the west side is a terra-cotta rain shedding assembly, with baguettes and fretted glass louvers, the motif defining the lab areas. The east facade is an aluminum and glass curtainwall, with sunshades and shelves, and shadowboxes, defining the office areas. Cladding begins end of this month. Bio is due for completion by the end of the year, Genome in about 18 months, though its running about 6 weeks late right now.

—Marc Crichton

*Anshen+Allen, Seattle*

### UNIVERSITY OF VERMONT

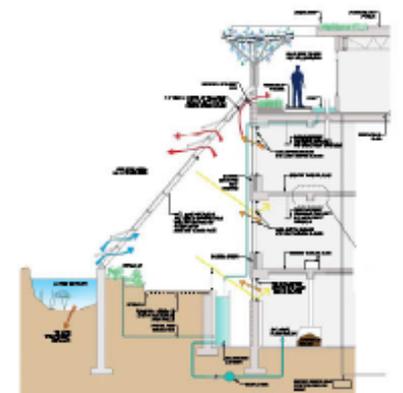
The perspective drawings and the building sections were part of a package put together for a competition for the George D Aiken Building Expansion and Renovation, held by the University of Vermont and the School of Natural Resources. Sustainability is a driving force for the redesign of the building, therefore the sections show the integration of building systems and the connection to natural systems.

For William Maclay Architects & Planners, a living building acts as a healthy, vibrant and evolving organism that manifests, embodies and celebrates the mission and goals of the Rubenstein School for Environmental and Natural Resource both at the University of Vermont and beyond. In our proposal for altering Aiken into a "green" living building, our vision is to interconnect the building's operations, structure and systems with its human community and surroundings. In our vision of a living building, the Rubenstein School will be a place of well being for the human community, it will be specifically adapted to its place and region, and will provide all feasible requirements for energy and water from the surrounding sun, wind and rain. This requires integrated systems design that accommodates the uses and desires of the building occupants with the design of mechanical and electrical systems, exterior building envelope, and the selection of all materials installed in the building. In our vision of a

*continued next page*



Inside and outside the bank's daylighting model.



LIVING BUILDING SYSTEMS DIAGRAM

photos: Ryan Johnson

photo: Marc Crichton

drawing: Taze Fulford

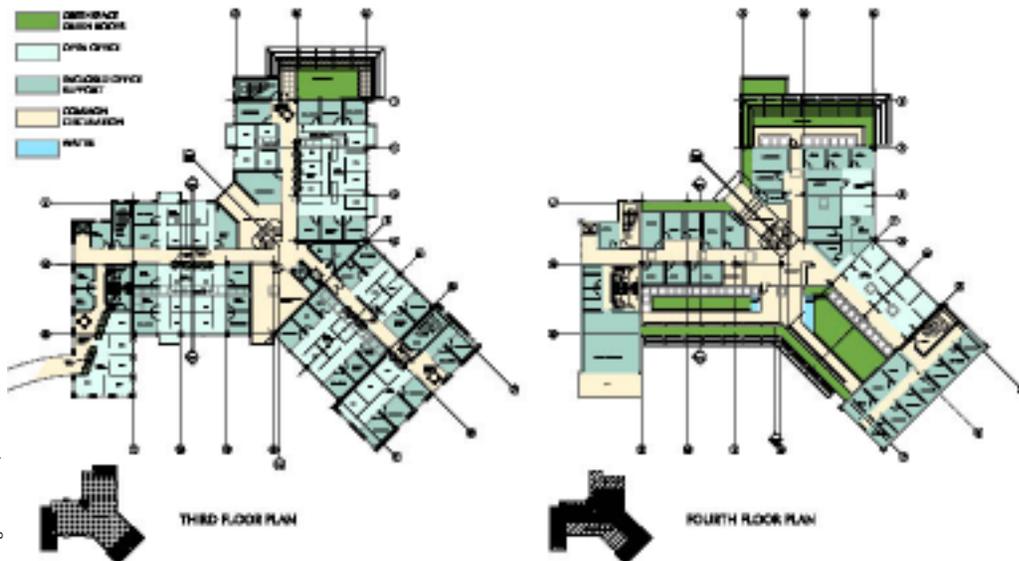
# ANSWERING THE CALL: GREEN—WIDE AND TALL!



living building, this also requires generating a vibrant and inspiring “soul” in the midst of an existing “lifeless” and mediocre building. As the Aiken Building program clearly articulates, a truly green living building not only meets high environmental standards, it also should be a productive and fun place to be, should nurture human interaction, and should enrich the human spirit. The overall goal of a living building would be to a healthy organism in which the activities of the building users and the materials, structure and systems coexist in a symbiotic relationship with its environment.

Our first goal has been to embody a new spirit and feeling in the Aiken Building that is consistent with Rubenstein School’s goal for a green building. We are recommending that the green and living feeling and mood of the greenhouse be brought deep into the heart of the Aiken Building and also extend out from the building onto the entire UVM campus and beyond. Our second goal is to create a cafe/commons space at the center of the building to encourage social interaction and informal conversations that often are at the heart of creativity, discovery, learning and innovation. Thus these core social commons and interaction are proposed to be located in the center of the building with openings and/or glass walls to create a transparent connection between the greenhouse space and a revitalized north atrium space. From this core common/cafe space three “streets” (revitalized existing corridors) lead to quiet small meeting places (similar to the existing seating areas at ends of corridors) for more reflective human interchange. On the roof, new gardens, administrative and Gund Center functions are proposed as a new “green” connection to the sky. To connect the varied classroom, research and office requirements for undergraduate, graduate, staff and faculty, it is proposed that the north atrium space have the angled roof removed and vertical glass installed as a “window” to the academic campus. This will enlarge the space to eliminate the claustrophobic feeling of the space and encourage vertical circulation and social interaction.

—Taze Fulford  
William Maclay Architects & Planners, Burlington, VT



# HEARING FROM ALUMS AND READERS

The 2nd Annual Alumni ReUnion, Friday, May 20 (Saturday, 21st) will be in Las Vegas, NV—planned to coincide with the AIA Conference. Our hopes are to bring together more Art & Design, Architecture & Interiors, and Landscape Alumni, Faculty, and Students that have ever been assembled in one place.

—Steven Kopke

I support building a new campus stadium to bring Gopher football home. Please visit my web page <<http://ga4.org/umstadiumactionctr/advocacy/jeaninegunders-72502>> and join me in showing your support of this effort. I appreciate any time you can give to help bring Gopher football back to campus. Please feel free to pass this message along to any of your friends who would like to support this effort.

—Jeanine Gunderson

See attached link. Our firm recently won the Lake Sammamish State Park Design Competition. The design utilized large scale green roofs, naturally ventilated spaces and daylighting to incorporate large scale buildings into the landscape of the park. See <<http://seattlepi.nwsource.com/photos/photo.asp?PhotoID=58133>>.

We competed against Opsis of Portland and ARC of Seattle.

—Chris Patano

The Class of 1994 will hold its 10 + 1 year reunion April 27–29 in conjunction with Graduate Project critiques in Moscow. Contact <[tjohnson@bettisworth.com](mailto:tjohnson@bettisworth.com)> or <[jordyguth@netscapes.net](mailto:jordyguth@netscapes.net)> for more info.

—Tracy A. Johnson, AIA  
Charles Bettisworth and Company, Fairbanks, AK

Love the newsletter, but I don't like the "fancy" font for all the names of articles authors—too hard to read (especially for old folks like me. I'm about to turn 31, after all! Of course, Henri's [Lambeaux] going to be 35 this year—so now that he can be President, we're all in good hands, right?).

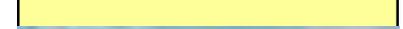
As for the photo, I think it's taken from inside the Administration building, looking out at the Lawn through the ivy. But that's just a guess. :) [*Nope! But, your name is readable, right?—bth*]

—Cinda Lester

The answer to the stumper question is—The second floor of AAN by the phone! :)

This was a collaborative effort by dedicated fourth-year architecture students who have spent many hours on that phone. Keep the stumpers coming! :) [*Yes, but shouldn't you all be studying ECS in every spare minute?—bth*]

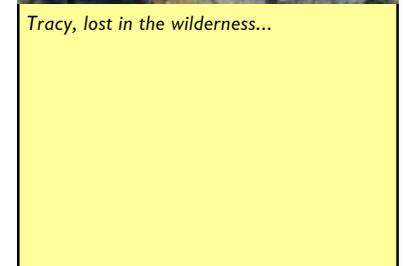
—Andrew Yoder and Brittney Kaercher



Images: Jeanine's web site



Photo Tracy Johnson



## ABOUT

## REMAKING

## OURSELVES

In order to better serve our burgeoning program of 500 plus students, a majority who study on the Moscow campus, the architecture faculty identified improvement of our facilities as a top priority. A new committee, chaired by Assistant Professor Diane Armpriest, was formed to assess our use of studio and critique spaces and to develop a prioritization plan for upgrades in Art and Architecture North, South, and the ID building (Ted Prichard's former Satellite Sub). During these challenging fiscal times we are leveraging resources to complete some of the smaller projects by matching faculty and student sweat equity with gift money to buy materials and furniture. The first project involved remodeling the main office suite to improve the image of our public face and our ability to accommodate the many visitors, students, and faculty who drop in each day. Thanks to Bill Bowler who spent much of his winter break painting and moving built-ins with the assistance of Jay Pengilly (shop director) and Glenda Gardiner (administrative assistant and master organizer) who cleared out our post accreditation accumulata, and alums and friends' gift money used to buy a new conference table and chairs, we have inaugurated our new multi-purpose meeting and resource room. This new space will be used by the chair to meet with distinguished visitors, prospective students and their families; the many department committees who will no longer tie up valuable classroom/crit space, adjunct faculty who need a work space; firms visiting campus to interview graduating students; and as a home for the growing alum-donated *[hint, hint-bth]* book collection.

Next fall semester we intend to engage our 5<sup>th</sup> year students in a competition to design a new cupola for Art and Architecture South that can serve as a green lung to help regulate temperatures in overheated 3<sup>rd</sup> floor studios. We also intend to re-configure 2<sup>nd</sup> year and ID studio spaces and construct new critique spaces which are in constant demand. You can help us achieve our commitment to improving our facilities through your continued donations and support. Next time you are on campus drop in to help us celebrate the power of design ... but look out... we may hand you a hammer or paintbrush!

—Wendy McClure



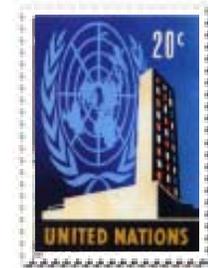
photo: Bruce Haglund

Glenda serves up croissants at the new conference table.

Editor's Winter View

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ARCHITECTURE AND INTERIOR DESIGN FRIENDS AND ALUMS  
DEPARTMENT OF ARCHITECTURE  
UNIVERSITY OF IDAHO  
WORLD-WIDE



virtual mail

### STUMPER

What's the best caption for the image on page 1? E-mail your suggestion to <bhaglund@uidaho.edu> for recognition in the Fall 2005 issue of *Idaho Architecture News*.