



**CLEMSON
UNIVERSITY/
ARCHITECTURE**

**FALL
2011**
CLEMSON
ARCHITECTURE

At this, the conclusion of my first year in this remarkable School of Architecture, I am energized and optimistic about the future. The scholarship, research and practice engaged in by Architecture students and faculty are exemplary, central to the advancement of our discipline and to Clemson University's areas of emphasis. Faculty and students are recipients of regional and national design awards and significant sponsored funding in 21st century issues. The institutional setting of a top public, land-grant, research university in the Upstate of South Carolina shapes and supports the innovative, evolving scholarship of this top-20 School of Architecture, a school with dedicated and nimble faculty and students, a vigorous connection with the professional community and a solid foundation upon which to build its future.

As the sole architecture program in South Carolina, this school has built a program of study with an attentive and engaged view of its regional context while seeking a perspective of national and global dimension. Clemson's School of Architecture is an interconnected, geographically distributed community of teachers and learners dedicated to

- educating future architects through rigorous and expansive design education and with local and global understanding of firmness, commodity and delight;
- generating knowledge to address the great challenges of the time, such as health care, ecology and an increasingly digital society, through innovative, interdisciplinary research, practice and scholarship;
- advocating for the improvement of built, natural and social environments through design activism, public service and public education.

In 1972, Clemson was one of the first architecture programs in the country to establish a satellite program in Europe. Since then, this school has built a Fluid Campus with semester-long opportunities in Clemson, S.C.; Charleston, S.C.; Genova, Italy; and Barcelona, Spain, where students gain a greater understanding of architecture and culture in a "hot, flat and crowded" world. This is true especially here at home in Clemson, where a new 55,000-square-foot, zero-energy-ready building designed by Thomas Phifer and Partners and McMillan Pazden Smith will provide an inspiring teaching and learning environment starting in the spring semester of 2012.

Architecture has been taught at Clemson for almost a century. Today, the School of Architecture is meeting new challenges through pedagogical and technological advances to provide transformational architectural leadership, shaping the environment of the 21st century for a better future. We've started planning our 100th birthday celebration, and we are looking forward to the school's next 100 years.



Kate Schwensen, FAIA, Hon. FKIA, Hon. RAIC, Hon. RAIA, Hon. JIA, SFDFC
Professor and Chair



A FEW EVENTS FROM 2010-2011

Lectures

The 2010-2011 Lecture Series brought a wealth of design exploration and excellence to the Clemson campus.

Fall 2010: Ground Work Built

September 15, 2010
Shuffled, Nobuaki Furuya
NASCA Studio
Tokyo, Japan
studio-nasca.com/en

October 1, 2010
Current work, Jeanne Gang, FAIA
Sponsored by AIA Greenville
Women in Architecture and the CAF, Studio Gang
studiogang.net

October 22, 2010
"Snohetta: Works"
Craig Dykers, Snohetta, NYC and Oslo
snohetta.com

November 19, 2010
"Pushing the Envelope," Winka Dubbeldam
Archi-Tectonics, New York, N.Y.
archi-tectonics.com/random_bgmovies.html

**Spring 2011: Kirk and Margaret Craig/
Clemson Advancement Foundation for
Design and Building (CAF) Lecture Series
Unbuilt Iterations**

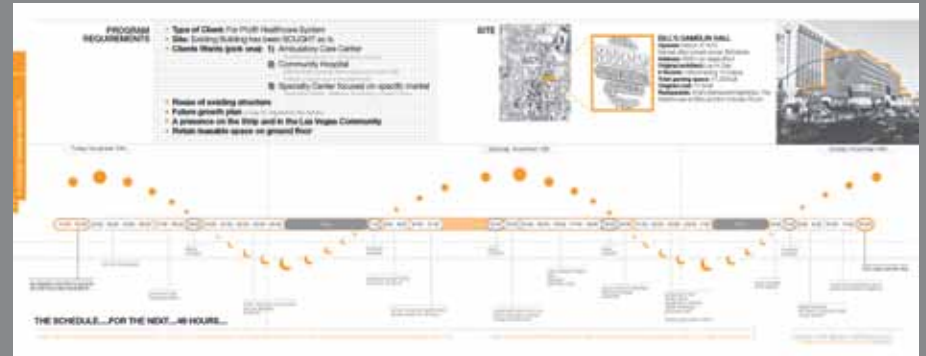
January 24, 2011
"Material Intelligence," Ronnie Parson and
Gil Akos, Studio Mode, New York, N.Y.
studiomode.nu

March 11, 2011
"Pulsation on Architecture," Eric Goldemberg
MONAD Studio

Career Fair

On March 30, almost 200 students and representatives from 17 architecture firms from across the region gathered in the University's Hendrix Center for a career fair supported by the School of Architecture, Michelin Career Center and AIASC and organized by the student organizations of AIAS and the Graduate Architecture Student Partnership. Despite exaggerated rumors of the death of the profession of architecture, there was real optimism in the room. Firms and students connected, and some made commitments in the form of job offers.

A+H Las Vegas Charrette



Freedom by Design

The AIAS created a Freedom by Design chapter this year and successfully completed its first project, which was published in the spring 2011 issue of *Crit* magazine. The student team, led by design team captain Lindsay Yarborough, designed and constructed a new front porch and ramp for a local client with a degenerative disc disease. This student team demonstrated leadership by using design and construction to contribute to the community and those less fortunate, which exemplifies Clemson Architecture at its best.



Architects (and Clemson alumni) Helen Byce, AIA, and Todd Reichard, AIA, president of AIA South Carolina, chat with architecture students at the career fair. Both practice with Earl Architects in Greenville, S.C.

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For questions or comments, contact
Kate Schwensen, professor and chair
Clemson University
School of Architecture
Box 340503
Clemson, SC 29634-0503

On the front cover:

"Cut – grommet – add straw"
Various apertures create a screen that works intelligently to provide privacy to interior offices. This was designed and fabricated by students in assistant professor David Lee's computational design methods class.

DESIGNING WORLD-CLASS HEALTH CARE FACILITIES FOR VETERANS

BY SARAH BROWN



The new health care tool kit will be tested at Bassett Army Community Hospital in Alaska.

The physical condition of U.S. military health care facilities — overcrowded and ill equipped — is a sad tale, told often. Adding insult to injury, the influx of wounded service men and women from U.S. wars in Afghanistan and Iraq, combined with an aging population, has stressed existing facilities to the max. In response, the Department of Defense (DOD) is making its largest investment ever in facility replacements and renovations — more than \$15 billion during the next five years.

Architecture professor Dina Battisto is leading the effort from Clemson as principal investigator on a series of research grants with the DOD and NXT, an innovations organization. The funding — totaling more than \$1.5 million — encompasses a variety of collaborative projects including the development of a tool kit intended to assist with designing, building and maintaining world-class facilities for the Military Health System.

“The development of this tool kit employs life-cycle thinking,” Battisto said. “It provides a performance-based approach that utilizes the latest knowledge to inform strategic thinking, guide the health facility planning and design process and then measure facility performance after the facilities are built and occupied.”

The current lack of guidelines means that architects must make design decisions without any mechanism to evaluate their work. The tool kit Battisto and her colleagues are developing will help fill that gap.

“We are learning about the relationships within the facility and tying those to the built environment,” Battisto said. “The tool kit will provide guidelines to measure design

decisions before, during and after the facility is built — making for a more effective design process. This will improve the quality of care for patients and their families and increase job satisfaction for those who work within the facility.”

Battisto is collaborating with Clemson architecture professors David Allison and Stephen Verderber, medical professionals, other universities and the DOD on this project. Clemson students are also playing a key role in assisting the faculty team in their work. Serving in assistantships and as hourly employees, students gain hands-on experience with research.

“Since this research is sponsored by the government, the information will eventually become part of the public domain,” explained Allison, director of Clemson’s architecture and health concentration. “That means it will be available to the industry at large.”

Last November, Battisto and members of the research team presented three sessions at the 2010 Healthcare Design Conference in Las Vegas. One of their sold-out sessions featured the road map and the tool kit.

In 2008, Battisto was named one of “Twenty Who Are Making a Difference” by *Healthcare Design* magazine. Her work was recognized in 2009 and 2010 with back-to-back wins in the national Healthcare Environment Awards Competition. Battisto serves on the Board of the American Institute of Architect’s Academy of Architecture for Health Foundation, where she is also the chair of the research grants program.

TAKING CREATIVITY TO NEW LEVELS



Keith Evan Green, Ph.D., professor of architecture, has been awarded a two-year Creativity Professorship from the College of Architecture, Arts and Humanities. Green is part of the initial class of four professors from the college who will begin their terms this fall. The Creativity Professorship program recognizes faculty members engaged in exemplary, creative teaching and/or research activities, and encourages faculty to explore creative research initiatives.

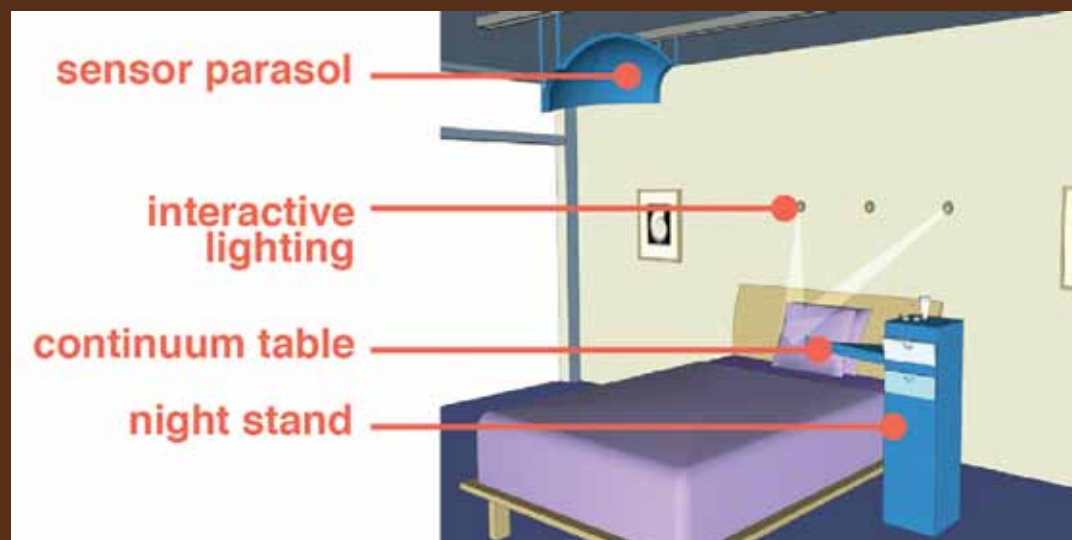
In large part, Green has been awarded the professorship for his project, “The Animated Work Environment (AWE),” and for his inclusion of students in his research and teaching. In a paper authored by Green and collaborators at Clemson, he described AWE as an “articulated, programmable interior environment embedded with integrated digital technologies that facilitate productivity, connectedness and innovation across fluid assemblages of people working in a wide variety of locations and settings.”

The professorship carries a cash stipend but no course release. Fostering creativity in the classroom is a major thrust of the Creativity Professorship program. Green plans to use the funds to support his work with students in the M.Arch. program and students in the doctoral program in planning, design and the built environment who are enrolled in “Architectural Robotics,” a cross-listed course co-taught with Prof. Ian Walker. In this novel course, collaborative teams of students from principally architecture and electrical and computer engineering develop working robotic prototypes responsive to the challenges and opportunities of living in an increasingly digital society. The course was the subject of benchmark papers in both architecture and robotics.

Green holds a joint appointment from the School of Architecture and the Holcombe Department of Electrical and Computer Engineering, and is the founding director of the Institute for Intelligent Materials, Systems and Environments at Clemson. He earned an M.Arch. from the University of Illinois at Chicago and is a registered, award-winning architect. At the University of Pennsylvania, he earned a B.A. in psychology and an M.S. and Ph.D. in architecture. Before joining Clemson’s faculty in 1999, he was a tenured faculty member at the School of Architecture, University of Auckland in New Zealand.

Green’s collaborations are far-ranging, expanding across the Clemson campus and beyond to include the University of Delft, Carnegie Mellon University, Georgia Tech, the Greenville Hospital System, the Bartlett School in London and MUSC, among others. In 2009, Green and his colleagues’ book *The Animated Work Environment: An Architectural-Robotic System for a Digital Society* was published by Verlag, and another book is pending. AWE and related projects have received wide sponsorship and recognition, most notably with a \$400,000 National Science Foundation award for AWE and, in recent months, a second award from the same federal agency to design ART, an intelligent environment for aging in place.

Editor’s note: Daniel Harding, associate professor of architecture, has also been named a Creativity Professor for the 2011-12 academic year. Read more about Harding’s work on page 7.)



ART, an Assistive Robotic Table, promotes independent living.



Awards and Competitions



Ideal Theatre Student Design Competition:

Evaline Dadulla, Michael Deere, Charles Kane, Allender Stewart and Harry Averett (performing arts)

- For their project "Adaptive Reuse of the Astro Theatre" in downtown Clemson
- Held by the Architecture Commission of USITT and sponsored by American Seating



AIA Academy of Architecture for Health Fellows:

Eva Behringer and Heather Bachman

- Awarded fellowships for thesis work during the 2010-11 academic year
- Theses to be presented in November 2011 at the Healthcare Design Conference in Nashville, Tenn.

New Faculty

Two faculty members have joined the School of Architecture as new permanent faculty this academic year, bringing with them a rich and impressive range of experience and expertise.

Sallie Hambright, AIA, LEED AP (B.S. in design, Clemson University; M.Arch., Yale University), is a registered architect and a LEED-accredited professional. She joins us as a new assistant professor focusing on beginning design and visualization. Sallie has served as a lecturer at the Clemson Architecture Center in Charleston and at the Georgia Institute of Technology in Atlanta where she taught design studio and a design discourse seminar.



Ray Huff, AIA (B.Arch., Clemson University), is the founding director of the Clemson Architecture Center in Charleston (CAC.C). He is now associate professor of architecture and director of CAC.C. Ray comes to his position as an educator and director through a path of exemplary and critical architectural practice. He first became a design principal in 1972. Since 1997, he has been a principal and partner in the award-winning firm of Huff + Gooden Architects LLC, which has offices in New York and Charleston.

Ray has held academic positions at Clemson and Yale universities where he was the 1994 Bishop Chair. The design studios and seminars he teaches are typified by service-learning. His studios have received national awards, and his professional work is internationally acclaimed and widely published. He serves as a peer reviewer for the U.S. Government Services Administration's Design Excellence Program, and he is a frequent invited guest at universities and professional conferences throughout the country. But despite this far-reaching reputation, Ray's work is most important at its most personal and local level. It was for this reason that the city of Charleston proclaimed July 15, 2008, "Ray Huff Day."

She gained practice experience at Robert A.M. Stern Architects and Eisenman Architects in New York where she was project architect for several projects including the Sheikh Zayed National Museum and the Pozzuoli Waterfront Master Plan. Sallie's work, both in her office experiences and in the classroom, is committed to a close link between theory and practice. She teaches essential skills to becoming an architect — teaching through seeing, drawing what is seen and writing/describing what is drawn.

She is currently starting her own practice in South Carolina. She received the David M. Schwarz Architects Good Times Award upon graduation from Yale. With the award, she traveled to study the work of Andrea Palladio, Adolf Loos and Le Corbusier.

Departmental Awards and Honors

Alpha Rho Chi Medal:

Stephen Nickolas Parker
This award is given annually to the graduating student who has shown an affinity for leadership, performed willing service for the school or department and shown promise of real professional merit through his or her attitude and personality. The purpose of this award is to commend those students who show true professional merit beyond the design studio and their academic career.



Henry Adams Award:

Derrick James Simpson
This award is given annually in schools of architecture accredited by the National Architectural Accrediting Board. It is awarded to the second-ranked graduating student in a professional degree architecture program. The student is selected by the school in recognition of scholastic achievement, character and promise of professional ability.



S.C. Chapter AIA Award:

Daniel Edward Hutcherson
This award is given to a fourth-year undergraduate student in architecture who has been selected by the faculty for his or her academic achievement, highest quality of design ability, professional promise and service.



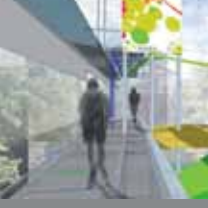
The Mickel Prize in Architecture:

Alexander Milam DeFee
This travel award, the highest award in the School of Architecture, is given annually to the most outstanding graduating Master of Architecture student with the best overall design ability, overall academic ability, leadership and professional promise. It is made possible through an endowment established by family, selected friends and associates of Buck Mickel.



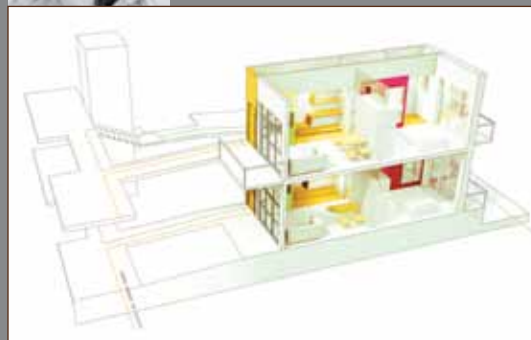
Peter R. Lee and Kenneth J. Russo Design Award:

Lindsay Lanier Yarborough
This award is given annually to a student in the fourth year of study who has consistently demonstrated a search for design excellence. This award is made possible through the Class of 1976 in honor of Prof. Emeritus Lee and in memory of Prof. Russo.



Henry Adams Medal:

Eva Freia Behringer
This award is given annually in schools of architecture accredited by the National Architectural Accrediting Board. It is awarded to the first-ranked graduating student in a professional degree architecture program. The student is selected by the school in recognition of scholastic achievement, character and promise of professional ability.



Alan Thompkins Scholarship Award:

Rachel McKenzie Gamble
This award is given to an undergraduate student in the second year of study in architecture who has been selected by the faculty of the School of Architecture for having demonstrated high scholastic achievement, leadership with the community and professional promise.



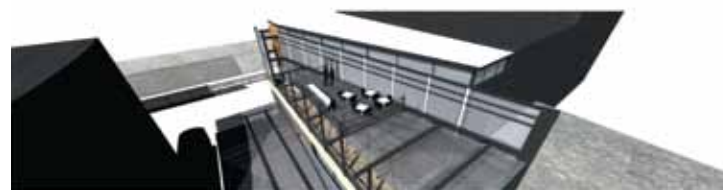


AIAS/Kawneer "School of Tomorrow" Design Competition: Nate Boykin (second place)

- For his entry "FORMative Interaction"
- Competition included more than 200 submissions from around the U.S., Canada and overseas
- Sponsored by AIAS and Kawneer North America

2011 Carolina Ceramic Materials + Assemblies Assistantship: Wendy Bertani (first place); Thomas Jasper (second place); Eric Laine (third place); and Adrian Mora, Jared Moore and Lauren Boulter (honorable mention)

- For the design project "Nursery Sales Pavilion for the South Carolina Botanical Garden"
- Sponsored by Carolina Ceramics Brick Company Columbia, S.C.



AIASC/Undergraduate Student Award: Scott Keyes (first place)

- For his Anderson train station project under the direction of Prof. Lee and sponsorship of Bo Garland, AIA



Honors

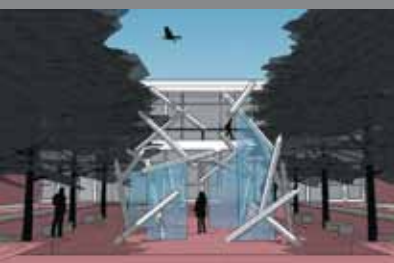
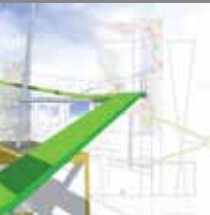
Second Year Faculty Award: Mary Alison Martin

This award is given to a second-year undergraduate student in the School of Architecture for scholarship and for having demonstrated promise of future professional achievement.



Rudolph E. Lee Award: Rebecca Mercer and Ashley Elizabeth Colquhoun

This award is given in memory of Rudolph E. Lee and the Class of 1902. The faculty nominate an undergraduate architecture student who has demonstrated academic excellence, participated in extracurricular activities and exhibited potential professional architectural ability.



Retired Faculty

Four faculty members have retired over the past academic year. They have each left a lasting legacy through their years of dedication to Clemson's School of Architecture.

Prof. Emeritus Jose Caban, MCD, AIA (B.Arch., Clemson University; MCD, University of Liverpool), was most recently the interim chair of the School of Architecture. He has been acting head of the Department of Planning Studies, head of the Department of Planning and Landscape Architecture, interim chair of the Department of Languages and chair of the School of Architecture (1995-2005). Jose has practiced architecture and planning in New York and Puerto Rico.

Jose has taught design and planning studios and seminars in multiple disciplines at every level. He directed two major curricular revisions in architecture and two in planning, and he prepared two accreditation visits for city and regional planning and two for architecture. He established the Clemson Architecture Center in Barcelona, Spain, and authored the 1999 proposal for the expansion of the Clemson Architecture Center in Charleston. His planning and design research, public service projects and professional practice have led to significant improvements in the designed and built environment in South Carolina.

Prof. Emeritus Yuji Kishimoto, AIA (B.Arch., Waseda University; M.Arch., Harvard University; M.Ed., University of Massachusetts), has been teaching Clemson's architectural design studios and theory courses since 1980 in Clemson, Genoa and Charleston. Prior to Clemson, Yuji taught at the Rhode Island School of Design, Deerfield Academy, University of Hawaii and Virginia Tech.

His post-retirement plans include continued involvement and service with the University as the special assistant to the president for U.S.-Japanese relations in academic, cultural and economic development. In this post, Yuji has assisted in creating exchange programs between the University and institutions in Japan, such as the University of Tokyo, Hiroshima University, the University of Fukui, Chukyo University and Nagoya University of Foreign Studies. Yuji plans on uninterrupted exploration and discovery through his passionate hobbies of painting, classical guitar and marathon running.

Associate Prof. Emeritus Harry Harritos, AIA (B.S., M.Arch., Clemson University), has been sharing his skills and drawing talents at Clemson since 1982 while teaching design studios, theory and drawing courses on the main campus as well as in Genoa, Italy. He has been a dedicated teacher and was twice the recipient of the National Scholars Program Award of Distinction, selected by the students for his tireless commitment to the intellectual, professional and personal development of his students.

Harry's scholarship and research focus has been primarily on the effectiveness of visualization as a design communication tool. His expertise and teaching afforded him the opportunity to investigate analog and digital visualization in the classroom and the profession. Harry practiced with a few regional firms prior to starting his faculty career and continues to maintain



a practice locally. He plans to publish an architectural graphics book while also teaching workshops.

Associate Prof. Emeritus Jane Hurt, Ph.D. (B.Arch., Pennsylvania State University; M.Env.Des., Yale University; Ph.D., University of Nottingham), joined the Clemson faculty in 1986 as an associate professor and was granted tenure in 1990. She was the first woman granted tenure in architecture at Clemson. She also held academic appointments at Texas Tech University and the University of Nottingham and practice positions with firms in the D.C. area and with the Veterans Administration.

Jane's areas of expertise are school design, post-occupancy evaluation and visual communication. She has taught perspective drawing, criticism and case study seminars, and almost every level of design studio. In retirement, she will work as a freelance artist, specializing in portraits of people and/or their pets and abstract paintings and drawings. She has designed house renovations and additions and plans to continue.

PROFESSOR TEACHES LIFE LESSONS ON THE RUN

by Sarah Brown

ON THURSDAY AFTERNOONS, YUJI KISHIMOTO, RETIRED ARCHITECTURE PROFESSOR AND AVID MARATHON RUNNER, CAN BE SPOTTED JOGGING ACROSS CAMPUS, FLANKED BY SIX OR SEVEN DEDICATED STUDENTS WHO JOIN HIM ON HIS WEEKLY TRAINING RUNS. FOR KISHIMOTO, THESE THURSDAY RUNS ARE AN ESSENTIAL PART OF HIS TRAINING, AS HE PUTS IN THE NECESSARY MILES TO BUILD HIS STAMINA AND ENDURANCE.

However, these runs have become much more than training runs. Jogging alongside students calls for a lesson quite different from the traditional lecture — Kishimoto gets a chance to share his love for the outdoors while passing on words of immeasurable wisdom.

“I ran with Prof. Kishimoto and about five or six other students almost every week this past year,” said Lindsay Yarborough, a recent graduate in the architecture program. “Prof. Kishimoto was such an encouragement for me. He motivated me to get out there and give it my all.”

These same students gathered around a computer on an early April morning to track Kishimoto’s progress as he ran the 2011 Boston Marathon — his fourth completion of the course. The students, as well as many other local supporters, had a vested interest in Kishimoto’s progress, as each step toward the finish line marked money raised to support Japanese tsunami victims.

A native of Tokyo, Japan, Kishimoto was overwhelmed by the recent devastation and loss of life in his native country. With assistance from the Rotary Club and other Clemson friends, Kishimoto began fundraising efforts in support of his participation in the Boston Marathon. Through his efforts, Kishimoto raised enough money to provide one month of food, housing and basic needs for more than 40 Japanese people — giving these survivors a means to overcome nearly insurmountable obstacles.

Kishimoto has also had his share of obstacles, especially early on in his running career. In 1969, doctors told Kishimoto that because of a slipped disk he would never run again. In an effort to prove them wrong, Kishimoto ran again and determinedly set a goal to complete 20 marathon races. The end is well within sight — Kishimoto recently finished his 17th race.

As he is nearing the end of his racing goal, Kishimoto’s time in Clemson’s architecture department has come to a close. Having taught at the University since 1980, he retired from teaching at the end of the 2010-11 academic year. In the classroom, Kishimoto has always pushed what he calls the “3 C’s”: collaboration, common sense and creativity.

“In architecture, one plus one equals three,” Kishimoto said. “When the best people trust each other and are working together collaboratively, one plus one can be so much more than two.” Kishimoto sees architecture as a conglomeration of diverse people — designers, city planners, investors, developers, religious leaders and others, and he believes that in each situation the group involved will be looking to see how each person fits into the organizational puzzle. “Each team is assessing how useful you are. Within the first three minutes of a meeting, you must make those you work with trust you,” he said.

Kishimoto strives to emphasize the value of teamwork, teaching his students that working creatively with others is of utmost importance. This collaborative learning has provided his students with many opportunities to have their hands in well-known local projects. As part of their senior studios, students have played a role in numerous Greenville projects.

“We worked on a exciting mixed-use high-rise project in downtown Greenville, endeavoring to connect the vibrant Main Street district with the BI-LO Center,” said Stephen Parker, a recent graduate. “What I really enjoyed about the project was the freedom to choose whichever medium I desired, from digital to sketching and everything in between, to represent my ideas.”

Working alongside his students in this collaborative, common-sense-driven and creative atmosphere, Kishimoto feels that they have learned so much more than just architecture — they have also learned about life.

While Kishimoto has stepped down from teaching, he will remain at Clemson as special assistant to the president for U.S.-Japan relations. In his new role, Kishimoto will continue serving as an ambassador, strengthening and developing new avenues bridging the Clemson community and the Japanese people.

And there’s no doubt Kishimoto will continue to be a fixture on the campus’s rolling hills. Leading his students on jogs, Kishimoto is paving the path for what promises to be a very bright future.

“I RAN WITH PROF. KISHIMOTO AND ABOUT FIVE OR SIX OTHER STUDENTS ALMOST EVERY WEEK THIS PAST YEAR,” SAID LINDSAY YARBOROUGH, A RECENT GRADUATE IN THE ARCHITECTURE PROGRAM. “PROF. KISHIMOTO WAS SUCH AN ENCOURAGEMENT FOR ME. HE MOTIVATED ME TO GET OUT THERE AND GIVE IT MY ALL.”

collaboration common sense creativity



FALL 2011 EVENTS

August 18-19
Faculty and staff retreat, Clemson Outdoor Lab

August 24
Classes begin
Schoolwide Charrette begins, 1:25 p.m.

August 26
School of Architecture Convocation, 1:30-3:30 p.m.
Lee 111

CAF Lecture: Mario Gooden
final speaker in the Kirk and Margaret Craig/CAF Lecture Series
huffgooden.com

Mario Gooden



August 29
Schoolwide Charrette concludes, 1:25 p.m.

September 16
CAF Lecture: “A More Primitive Future,” Chad Oppenheim, Oppenheim Architecture + Design
Miami, Fla., 1:30 p.m.
Lee 111
oppenoffice.com

Chad Oppenheim



October 6
Julie Snow Lecture
Greenville, sponsored by AIAG and WIA
Check clemson.edu/caah/architecture for time and location.
juliesnowarchitects.com

October 14
CAF Lecture: Christoph Korner, GRAFT/Los Angeles, 1:30 p.m.
Lee 111
graftlab.com

“Wadi Rum Resort” by Oppenheim
Architecture + Design



Julie Snow



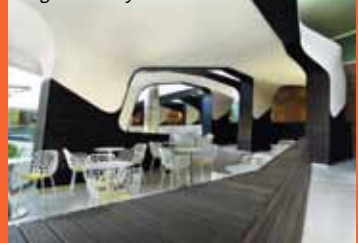
October 17-18
Fall Break

October 22-26
NAAB accreditation visit
Clemson (October 21-22 in Charleston)

October 24
Fluid Campus information sessions with resident directors, Lee Hall

November 4
CAF Lecture: Neil Leach
USC/Los Angeles
1:30 p.m., Lee 111
neilleach.wordpress.com

Image courtesy of GRAFT



November 7
Open house for Architecture Graduate Studies

November 23-25
Thanksgiving Break

December 5-10
Final review week

December 12-16
Final exams

December 16
Substantial completion of Lee III

December 22
Graduation

PHOTO BY MILTON MORRIS

When associate professor of architecture Daniel Harding returned to Clemson in August 2009, he left behind an idyllic life in Bozeman, Mont. Co-founder and principal design partner of his own firm, Intrinsic Architecture, he was living in an area known for its outdoor opportunities, an ideal location for his sustainable design+build and architectural design work. However, when a job opportunity opened at Clemson, Harding jumped at the chance to return to the Upstate of South Carolina.

Graduating from Clemson with a master's in architecture in 1994, Harding experienced the wonders of the Upstate region while still in school. As a student, he lived on a sailboat for two years at Hartwell Lake, enjoying time outdoors while earning his degree. He felt connected to the Upstate's landscape — the hiking paths, biking trails, beautiful waterfalls and more — which eventually pulled him back to this area. Upon returning, Harding immediately connected his love of the area to his work.

"I love the spirit of Clemson and the Upstate region," he said. "The agrarian landscape that is the history of Clemson is truly unique. This area already has so much going for it — my hope is that we can continue developing the area to highlight its strengths and really connect it to the community."

Even though Harding has only four semesters under his belt, his students have received national accolades for their work involving spaces that connect people to themselves,

Elementary School last fall, Harding's students taught about sustainability by creating a skit that was broadcast over the elementary school's television system. To further the concept, the Clemson students developed a child-friendly building project — using recycled wood from homecoming floats — that coincided with the school's Farm Festival.

The project won an honorable mention in the international design competition, Structures for Inclusion 11: Social Economic Environmental Design International. This teaching and learning combination is exactly what Harding wants his students to experience.

"This project with the children at the Farm Festival took learning to a new level," he said. "The students became teachers, blurring the lines between learning." Boundaries disappeared as Clemson students and elementary children collectively made art.

When he is not teaching, Harding continues his work as director of Clemson's Community Research and Design Center (CRDC), which focuses on a multidisciplinary approach to design. The CRDC brings together resources to assist community initiatives. Planners, architects, builders, researchers and more collaborate to solve community problems. For Harding, the CRDC furthers the work that he hopes to accomplish personally, especially in regard to engaging the community in design.

PROFESSOR AND STUDENTS STRENGTHEN COMMUNITY CONNECTIONS

by Sarah Brown



This image and images above: "Subconscious Suspension"



others and nature. In the 2010 National ACSA Steel Design Student Competition, Harding's fourth-year studio students won first place for their project "Subconscious Suspension." His students also won first and second places at the Air Force Village Chapel National Design Competition in February 2010. With hundreds of entries at both of these national competitions, receiving any form of recognition, let alone first place, is impressive.

Harding involves his students in this work of connecting nature to community through his spring senior seminars. In spring 2010, Harding's students worked closely with the Greenville American Institute of Architects (AIA) and the Peace Center for Performing Arts to create a dynamic water feature for the center's courtyard. Because of the success of this work, the Greenville AIA invited Harding's students to create a more permanent feature during Architecture Month this past spring.

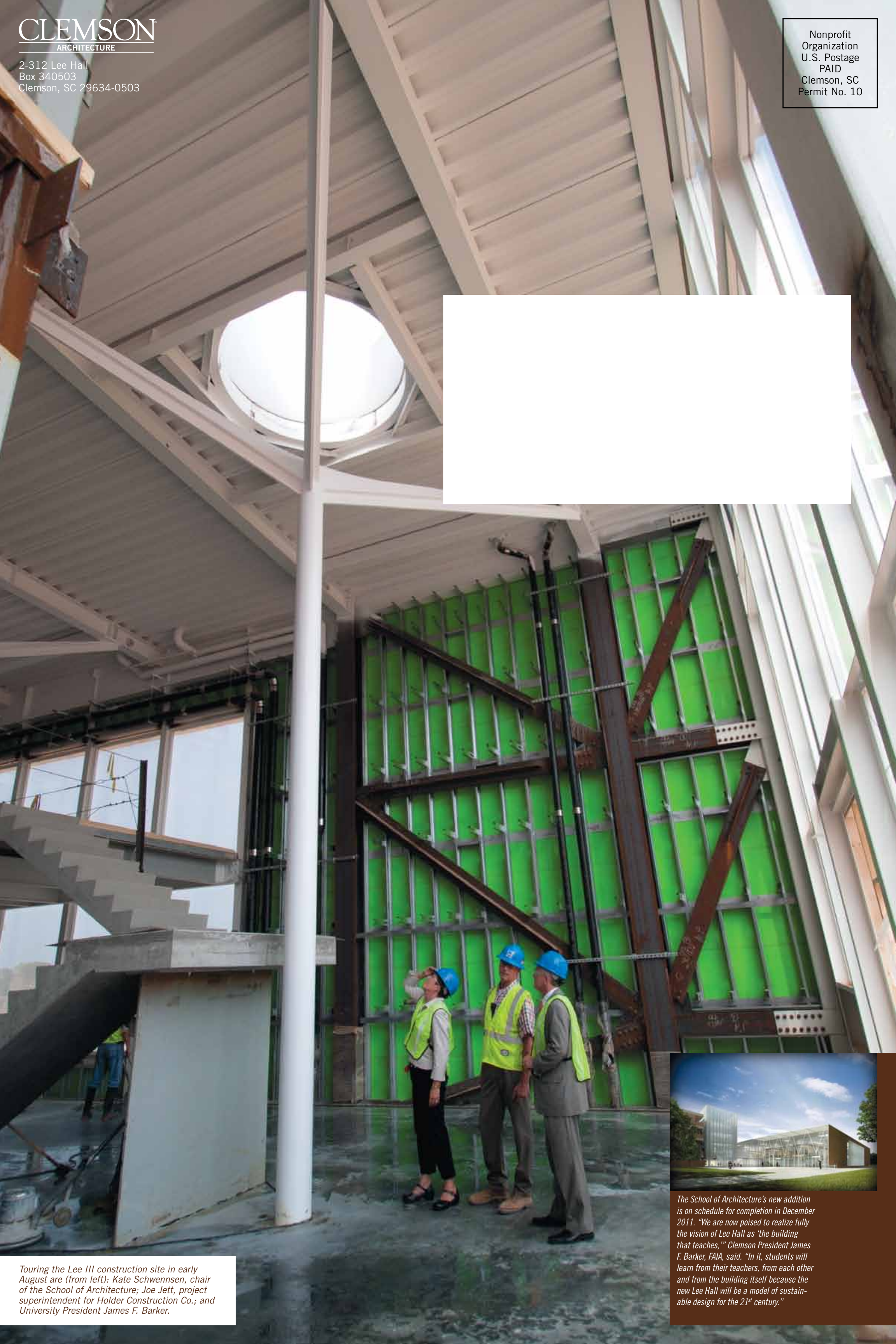
His students also gain hands-on experience in the community by building through his Creative Inquiry classes. Working with the Student Organic Farm and Clemson

Harding's work at Clemson and in the Upstate is just getting started. He is developing plans for trails that connect the S.C. Botanical Garden, Clemson Student Organic Farm and North Forest to the Clemson community. With a Creative Inquiry Design+Build class, he has developed a bridge and steps to connect Williamson Road to the Bottoms, making it safe to walk to the farmer's market. Harding also envisions and is collaborating with civil engineering professor Leidy Klotz on a sustainable tailgating plan for Clemson football games that involves building pedestrian bridges, utilizing open-air spaces and creating collaborative family-friendly athletic fun.

Student Organic Farm bridge and steps



Even though Harding has only four semesters under his belt, his students have received national accolades for their work involving spaces that connect people to themselves, others and nature.



Touring the Lee III construction site in early August are (from left): Kate Schwennsen, chair of the School of Architecture; Joe Jett, project superintendent for Holder Construction Co.; and University President James F. Barker.

The School of Architecture's new addition is on schedule for completion in December 2011. "We are now poised to realize fully the vision of Lee Hall as 'the building that teaches,'" Clemson President James F. Barker, FAIA, said. "In it, students will learn from their teachers, from each other and from the building itself because the new Lee Hall will be a model of sustainable design for the 21st century."