

The anticipated energy consumption of Lee III will exceed baseline (ASHRAE 90.1 2007) by at least 50 percent, making it one of the most energy-efficient buildings in the U.S.

# CLEMSON UNIVERSITY/ ARCHITECTURE



FRONT COVER PHOTO BY ANNEMARIE H. JACQUES, 2012©

SPRING  
2012

CLEMSON  
SCHOOL OF ARCHITECTURE

Design (with a big “D”) is the focus of this second issue of our newsletter:

- Design as evidenced in the fall semester studio work completed by our students at all levels and from all Fluid Campus locations
- Design as evidenced in the principal place of our work, the remarkable new and renovated Lee Hall

Design is, after all, what we are about. We are a design school. We value the full range of design, from the conceptual to the technical. We like and promote big, beautiful, innovative, theoretical ideas, but we have an equally strong proclivity for making and doing, for getting our hands dirty, for actively engaging with real people and places, and with the critical issues of our time. We know that design done well is a most powerful form of leadership.

These design values are illustrated in the range of activities and events and the samples of students and their work that follow, which are but a small glimpse of the outcomes of a single semester in the life of this school. From the architectural-artifact-holiday-ornaments in the freshman year to the comprehensive “Design to Zero” competition entries in the final year of the graduate program, the depth and breadth of design questions being addressed are compelling.

The NAAB visiting team reviewed much more extensive outcomes of the school during their late October 2011 visit. The visit provided a constructive opportunity for self-assessment and improvement and a very potent affirmation of the school’s programs and priorities. Among their observations, the team noted the following unique and important strengths of the school:

- **Architectural Education and the Regulatory Environment:** Students are provided with excellent preparation for internship and licensure, and a very high percentage of them have the goal of licensure.
- **Architectural Education and the Profession:** Students are prepared not only to practice but to lead in a global economy.
- **Investigative Skills and Applied Research:** Students have exemplary abilities.
- **Community and Social Responsibility:** Students have excellent understanding of the architect’s responsibility to work in the public interest.
- **Fluid Campus:** The richness of the opportunities for students to study off campus is commendable.
- **Architecture + Health:** This rigorous education is a program in a class of its own.

And finally, the NAAB team noted the distinctiveness of the physical resources, which we have just recently had the great privilege to inhabit. The new and renovated Lee Hall, by Thomas Phifer and Partners in association with McMillan Pazdan Smith Architecture, is exemplary architecture designed to support exemplary architectural design education. It’s a great time to be at Clemson’s School of Architecture!

Thank you to the architects, contractors, craftspeople, collaborators, University administrators, alumni and donors who have made this remarkable new facility possible. We invite all of you to the building dedication on April 13, 2012. Or, stop by any time to see our new home, and please knock on my door and say hello while you’re here.



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



## A FEW EVENTS FROM FALL 2011

### Lectures

The fall lectures, supported by the Clemson Advancement Foundation for Design and Building, the Kirk and Margaret Craig Estate and the Richard O’Cain Lectures Endowment, explored issues of digital iterations, innovative practices and glances at the environment.

### August 26

Untitled, Mario Gooden, Huff + Gooden, New York City and Charleston

### October 6

Current Work, Julie Snow, Julie Snow Architects, Minneapolis  
Sponsored by Upstate Women in Architecture

### October 14

“Explicit Ambiguity,” Christoph Korner, GRAFT/ Los Angeles

### October 27

“Future Think,” Cecil Lecture by Robin Guenther, Perkins + Will, New York

### November 4

“Swarm Urbanism,” Neil Leach, University of Southern California, Los Angeles

### November 18

“A More Primitive Future,” Chad Oppenheim Oppenheim Architecture + Design, Miami

### Homecoming

### October 8

Architecture students, faculty and alumni gathered for a “trailgate” in the Lee-Lowry courtyard.



Chair Kate Schwensen with Jose Caban, professor and chair emeritus



## School of Architecture faculty and staff gathered in Lee III



### NAAB Accreditation Visit

### October 22–26

The school’s accredited programs were thoroughly and positively reviewed by a distinguished visiting team.



### Schoolwide Charrette

### August 24

The fall semester started with a schoolwide charrette and competition entitled City Sense. The student team of John Ryan Ramsey, Ana Maria Quiros and Minglu Lin won the competition with their proposal for migrant farming. They were advised by David Allison, who holds the Robert Mills Professorship.



### Healthcare Design Conference

### November 13–16

The Architecture + Health students and faculty attended and excelled at the Healthcare Design.11 Conference in Nashville. Lindsey Wagener won the 2011 National Healthcare Design Award – Student Category, and Eva Behringer received the honorable mention, rounding out a first-second showing for Clemson. Eva and Heather Bachman presented their thesis research and projects at the conference as two of three 2010-11 National AIA Academy of Architecture for Health Arthur Tuttle Fellows. Heather also received the Souder Award for Best Fellowship Presentation at the conference.



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# UNDERGRADUATE STUDENTS

## FIRST-YEAR STUDENTS



"Ornament" by Joseph Jacobs, instructed by Tony Threatt



Undergraduate student Monica Magcalas with President and Mrs. James F. Barker in front of the tree of ornaments made in Tony Threatt's ARCH 101

## THIRD-YEAR STUDENTS



Alex Darsinos presenting his final project "Haiti Girls Boarding School," Stephen Verderber studio

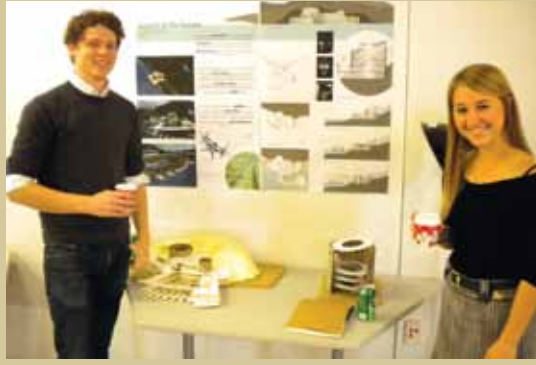


Meagan Hoffman and Emily Schneck presenting their final project "Haiti Girls Boarding School," Julie Wilkerson studio



David Stone presenting his final project "Haiti Girls Boarding School," Julie Wilkerson studio

## FOURTH-YEAR STUDENTS



J.D. Gutermuth and Kaitlyn Pahel at their final review in the Robert Bruhns studio



"Plywood Chair" occupied by Hannah Byars, roommate of designer and maker Honor Cosentino, Rob Silance product design studio



"Post Processing Center" by James Baxley with Bradley Phillips, Kaitlyn Pahel and Daniel Rivera, Dan Harding's Creative Inquiry class



Students in Kevin Hyslop's studio touring the Greenville Humane Society



"Interpretive Center Section" by Honor Cosentino, Lynn Craig studio



"Multi-Use Performance Venue" by Kara Kinsey, Kevin Hyslop studio

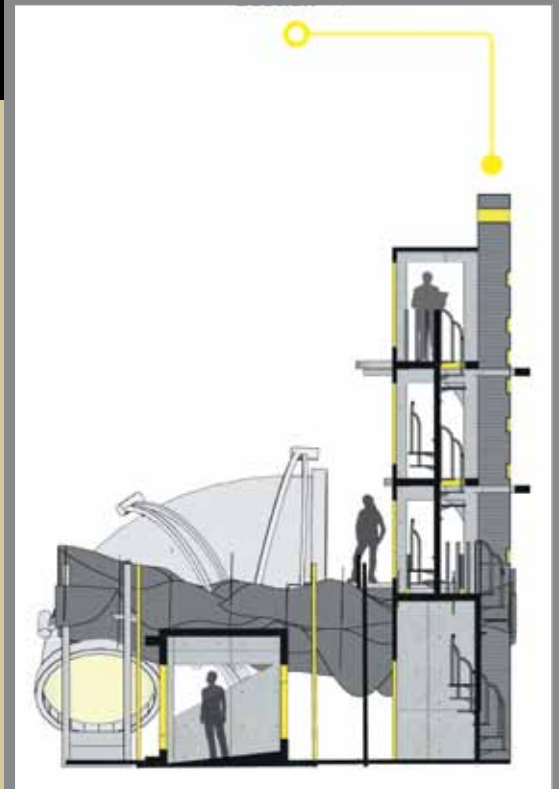


"Airport of the Future" by J.D. Gutermuth and Kaitlyn Pahel, Robert Bruhns studio



"QUILTasheville" by Julie Conard and Kathleen McGraw, Doug Hecker studio

## SECOND-YEAR STUDENTS



"Door, Window, Stair" by Denver Sells, Bo Garland studio



ARCH 251 students and their studio faculty in Philadelphia



"Portfolio Vessel" by Rachel Gamble, Sallie Hambricht-Belue studio



"Portfolio Vessel" by Kris Khristian, David Nocella studio



"Point, Line, Plane" by Haley Fitzpatrick, Annemarie Jacques studio

A total of 97.8 percent of the regularly occupied space in Lee III has views to the diameter, 1" thick seamless steel typically used for high-pressure lines in the oil industry



PHOTO BY ANNE MARIE H. JACQUES, 2012©

*The daylight-filled Lee III interior*

outside in multiple directions. • Structural steel column trees are made of 10 3/4" try. • Energy dashboard provides real-time data on the building energy and water use.



# OFF-CAMPUS STUDENTS

## BARCELONA

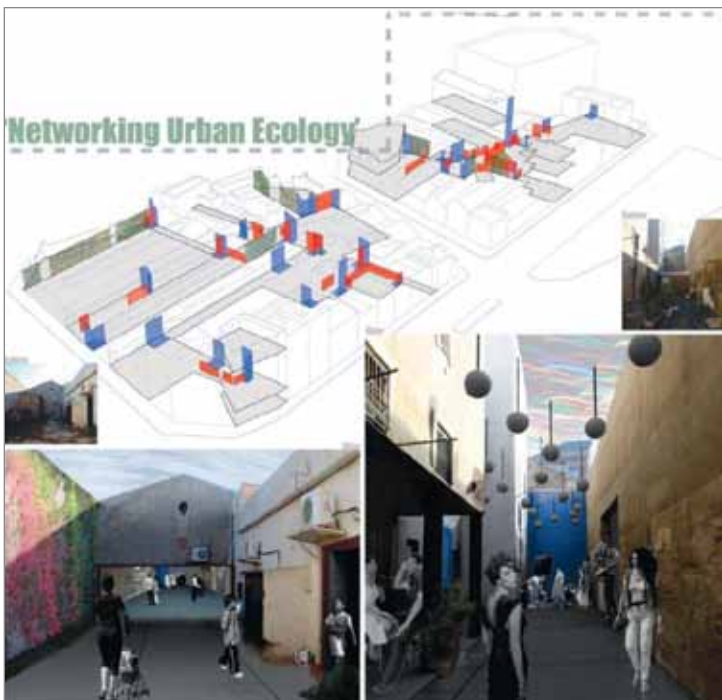
Clemson's Barcelona program has a collaborative arrangement with the Barcelona Architecture Center, which provides Clemson students with access to studio and classroom space, the library and other essential resources. History meets modernity as students examine architecture through the lens of key social, political and historical movements, studying firsthand sites that range from the iconic to the contemporary.



Clemson and Texas A&M students in the Barcelona studio



"Intensity of Movement" by Mary Roberts and Adam Windham, Jordi Mansilla and Toni Montes Barcelona studio



"Networking Urban Ecology" by Jingjie Zhao and Jeff Treitz, Jordi Mansilla and Toni Montes Barcelona studio

## GENOA

Clemson's Charles E. Daniel Center for Building Research and Urban Studies provides living, classroom and design studio space — as well as a home base for day trips and longer travels — in a 19<sup>th</sup> century villa owned by the Clemson Advancement Foundation for Design and Building. Students learn about Italian architectural history, contemporary design, urban practices, culture and field sketching. About a third of the semester is spent traveling in Italy.



"New Vision for Historic Genoa," final presentation, Henrique Houayek Genoa studio



"New Vision for Historic Genoa" by Yan Ren and Collins Giberson, Henrique Houayek Genoa studio

## CHARLESTON

The Clemson Architecture Center in Charleston bridges academia and practice by teaching in a hybrid environment — a blending of the academic with professional modes of work. Students take classes with professionals and intern with local architects, landscape architects, urban designers, craftsmen and contractors. With a devotion to service-learning, Charleston studios tackle urban design and fabrication projects in one of the USA's most architecturally significant cities.



The Charleston center, currently located in Charleston's historic Marine Hospital



"Instrument for Learning" by Ashley Colquhoun and Artemy Zheltov, Charleston Studio U



Erin Welsh and LeRone Smalls working in the Charleston studio



Corinne Jones Playground structure designed and built by Studio V, David Pastre studio

## SPRING 2012 EVENTS

**January 20**  
CAF Lecture: "Duke Energy Center: Transforming Parking Lots and Perceptions," David Brown TVS Design, Atlanta 1:30 p.m., Lee 111

**February 13**  
Architecture Career Fair  
Hendrix Center

**February 14**  
Architecture Professional Advisory Board Meeting  
Lee Hall

"Project Delivery Changes, Challenges and Opportunities," panel presentation by joint meeting of architecture and construction science advisory groups, 5 p.m., Madren Center

**March 5**  
CAF Lecture: Miguel Roldan, Barcelona 1:30 p.m., Lee 111

Spring graduate programs open house, Lee Hall

**March 19–23**  
Spring Break

**April 6**  
CAF Lecture: Wonne Ickx and Carlos Bedoya Ikeda PRODUCTORA, Mexico City, 1:30 p.m., Lee 111

**April 11**  
AIASC board meeting  
Lee Hall

**April 13**  
Lee Hall Dedication, 11:30 a.m.–noon (with tours before and after)

AIASC and CAF Lecture: Thomas Phifer, Thomas Phifer and Partners, New York, 1:45–3 p.m. Brooks Center for the Performing Arts

**April 13–14**  
AIASC Spring Conference  
Clemson

**April 23–27**  
Final review week

**April 30–May 3**  
Final exams

**May 15**  
Commencement

**May 17**  
Alumni Reception, AIA Convention, Renaissance Hotel Washington, D.C.

## SPRING 2012 OFF-CAMPUS EVENTS

**January 28–February 5**  
Field travel to Firenze, Siena, Roma and Pompeii for Genoa students

**February 17–20**  
Field travel to Madrid and Toledo for Barcelona students

**March 5–9**  
Spring Break for Charleston students

**March 12–20**  
Field travel to Berlin, Hamburg, Potsdam and Dessau for Barcelona students

**March 24–April 1**  
Field travel to Venice and the Veneto for Genoa students

Duke Energy Center



Torre Placa Europa



PRODUCTORA



Lee Hall Dedication



# GRADUATE STUDENTS

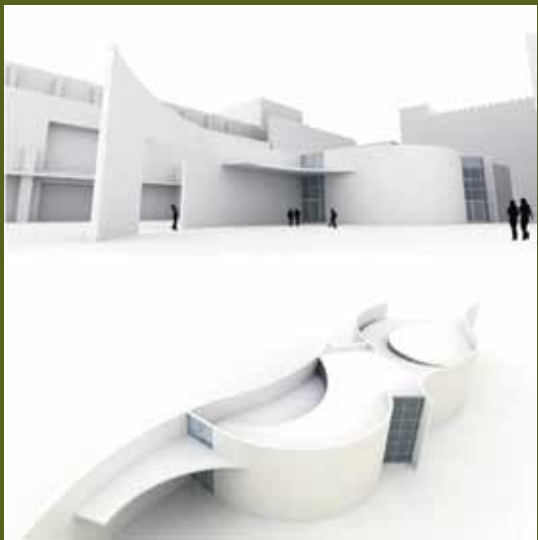
## FIRST-YEAR STUDENTS



Guest lecturer Cristoph Korner at first-year graduate review



"Gallery" by Yuxiang Jiang, Armando Montilla studio



"Gallery" by Haiming Tan, Criss Mills studio



"Gallery" model by Haiming Tan, Criss Mills studio



"Gallery" by Julie Randolph, Armando Montilla studio

## SECOND-YEAR STUDENTS



"Business School" by Sam Pruitt, Peter Laurence studio



"Business School" by Laura Boykin, Peter Laurence studio



President Barker reviewing final "Business School" projects for the second-year graduate studio

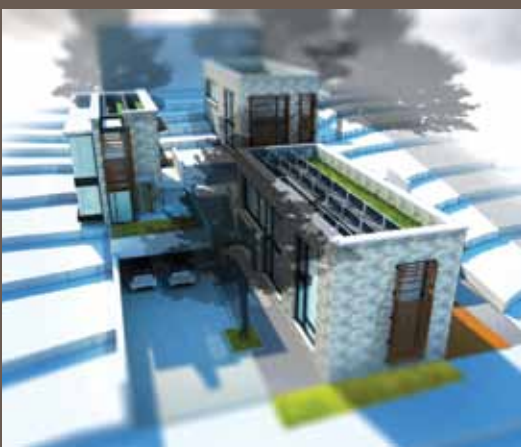
## THIRD-YEAR STUDENTS



Suzanne Steelman and Eric Laine presenting their final project "Dow Competition - Design to Zero," Ulrike Heine studio



"Dow Competition - Design to Zero" by Eric Laine and Suzanne Steelman, Ulrike Heine studio



"Dow Competition - Design to Zero" by Caitlyn Ranson and Daniel Kim, Ulrike Heine studio



"EPA/Vertical Farm" Charrette, Dan Harding studio



"EPA/Vertical Farm" by Jared Moore and Chris Wilkins, Dan Harding studio

## ARCHITECTURE + HEALTH



"Hospital" by Clay Phillips and Andrew Pardue, David Allison studio



"EPA/Vertical Farm" Charrette in Charleston, Dan Harding studio



Students Kelly Fehr and Elissa Bostain presenting their "EPA/Vertical Farm" project, Dan Harding studio



"Hospital" by John Ryan Ramsey and Lisa Marchi, David Allison studio



"Clemson Forest Center" final review by Mike McCarthy and Xiaokang He, Bernhard Sill studio



"Clemson Forest Center" by Lyndsay Sherak and Ben Higgins, Bernhard Sill studio



Heather Bachman presenting thesis research at the Healthcare Design.11 Conference in Nashville



The 30,000-square-foot sedum roof is the largest university Garden Roof installation in the Southeast. • Natural light is provided by 53 external and internal skylights.