Greetings alumni and friends,

Enrollment in the Department of Architectural Studies is stable, our advisory board is active, faculty are productive scholars, and our alumni are getting good jobs and continuing their education in graduate programs. This happens because of our talented and committed team continuously improving and reaching new levels of excellence.

Students are learning design in new and traditional ways. They are engaging community partners to design historic building interiors, bus stops, and health care facilities. In text and images we want to tell you about our students and faculty work. We also want to capture the last 20 years of featured keynote renowned speakers who brought new energy and inspiration to our department. We thank our generous sponsors.

We highlight the interdisciplinary nature of interior design, architecture, the human sciences and aesthetics to improve quality of life for the public good. We emphasize the application of knowledge. It gives gravity for grounding and wings to take flight. Our vision is to advance systematic inquiry of the design process, sustainability, the interaction between people and place, and digital technologies.

There are many ways to engage with us—student critiques, lectures, field trips to firms and construction sites, research collaboration, and gifts of time and treasure. Contact us at arch.missouri.edu; 573-882-7224.

Sincerely, Ruth Tofle, Professor and Department Chair

ALMA MATER—“OLD MISSOURI”

Old Missouri, fair Missouri,
Dear old varsity,
Ours are hearts that fondly love thee,
Here’s a health to thee.

Proud art thou in classic beauty,
Of thy noble past;
With thy watchwords, Honor, Duty,
Thy high fame shall last.

Advanced Design Communication using BIM taught by Jong Bum Kim.

Students learn theory and technology of parametric Building Information Modeling (BIM). They are challenged to build a parametric BIM model of key architecture projects designed by Alejandro Arvena, BIG, David Adjaye, Mario Botta, Neutelings Riedijk, Norman Foster, Rem Koolhaas, Shigeru Ban, Tadao Ando, etc.

We explore a design process in parametric BIM for design analysis, conceptual mass modeling, advanced façade system modeling, perspective renderings, and portfolio design. (Top: Kilden Theatre/ Ying Zhu, Bottom: Al Bahar Tower/ Mikaela A. Mongeon)
Students learn design through scaled model projects and computer models. (from left) Jessica Blankinship in Ben Schwarz’s Studio I and Brody Sharp in Bimal Balakrishnan’s Studio IV.

Coulton Becker’s full-scale model honors his father who died in March 2017. Coulton designed and installed a wood structure on a footpath in his home town of Popular Bluff that creates an experience with nature as light filters through the ribs of twisting angles. Coulton was one of 18 students in Lyria Bartlett’s studio challenged to design a pavilion with a basketry theme. Coulton won first place - the prize for which resulted in the original construction and temporary installation in the Gentry Hall Courtyard. Photo credit: Daily American Republic.
**Student thesis work**

Five interior design thesis students (Spring 2017) worked with Laura Cole to display their visions for a historic building. The event was organized by the Historic City of Jefferson. The project was located in an abandoned 1880s factory just outside the historic Missouri State Penitentiary wall in Jefferson City, MO. (from left) Laura Cole, Alyssa Bankus, Danielle Feit, Morgan Gargas, Taylor Ingram, and Alyssa Inman.

Thesis students in Laura Cole's Fall 2017 class chose to work with a client and small business owner in Jefferson City to help visualize an arts district. The client is launching a business called "Four Quarters Art House." It is an entrepreneurial model to help homeless youth in the Jefferson City area. (from left) Caroline Dobbs, Amy Niemeyer, and MacKenie Manzer.

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Ben Schwarz's thesis interior design students worked on an adaptive reuse for Mizzou North for housing the elderly. The space was formerly known as Ellis Fischel Cancer Center in Columbia. Students chose to incorporate Cast Gallery sculptures from the Museum of Art and Archaeology (project by Alicia Berg on left). Pre-architecture students worked on a project for a University-linked Retirement Community (project on right by Zach Hamilton).

Practicing professionals are invited to critique projects throughout the semester. Completed projects are displayed in the Rogers Gallery located in Stanley Hall.
Meet our 2017 Athletes!

Architectural Studies is proud to have student athletes in our department. In addition to rigorous coursework, they schedule many hours of training and are on the road for competitive games. Mizzou supports student-athlete development focusing on personal enhancement and social responsibility. In addition, the Tiger Leadership Institute helps shape Mizzou student athletes into productive leaders while they are on campus to prepare them to be effective leaders after graduation.

Go Tigers!

(Left to right)
Myles Eaddy—Football
Sean Harrell—Track
Andrew Kreiter—Diving
Madeleine Huber—Gymnastics
Jordan Frericks—Basketball
Jairan Parker—Football

Photo credit: Kearsten Peoples

Building Systems Class Builds Bus Shelters

Students in associate teaching professor Michael Goldschmidt's Building Systems class are carrying on a tradition for the annual Columbia True/False film festival. Each year in class, students submit designs for temporary bus shelters that are used during the festival. Winning designs are built by the class and then assembled for the festival. Each shelter is a fully functional shelter but also is a creative display of themes of the festival. Students are required to build each shelter for less than $50 and to maximize the use of sustainable and recycled building materials. The shelter must be structurally sound for inclement weather. Each shelter must also be assembled in 30 minutes or less.

Incoming Class

The Department welcomed 43 students to the Fall 2017 professional design sequence. After Freshmen coursework, the Portfolio Review and Admission to the Professional Program is a selective process based on academic achievement demonstrating skills in design principles and elements, design creativity, drafting and lettering, technical accuracy, and craftsmanship. Incoming students had an average GPA of 3.30. Many bring AP and transfer credit.

Capstone Class Changes

In the past, the capstone course was Thesis (4 credit). The new capstone course is ArchSt 4815 Construction Documents and BIM Studio (4 credits).

This change will help students move their design work to the construction stage. Lyria Bartlett taught the class this fall and reports the value of this experience to our alumni.
ADA Symposium

The Great Plains ADA Center, whose grant is with Architectural Studies, offered the 2017 ADA Symposium in Chicago. Over 800 attendees were present. The Symposium provides the latest information on ADA regulations and guidelines, implementation strategies, and best practices. The 2018 ADA Symposium will be held June 17-20 in Pittsburgh, PA. For more information, visit: www.adasymposium.org

MU Architectural Studies Instructor, Jim DeJong (left) is the Executive Director of the Great Plains ADA Center and has led the Center since its inception in 1991.
Welcome Dr. Kim!

**Jong Bum Kim** joins our faculty as an Assistant Professor. Dr. Kim teaches our Advanced Design Communication classes. His students are learning advanced techniques and conventions of computer aided design and Building Information Modeling (BIM) for contemporary design processes.

"It is an honor to become a member of the University of Missouri HES Department of Architectural Studies. I am so excited to work with passionate students, knowledgeable faculty, and supportive staff." Jong Bum Kim said.

Images from his first MU class are displayed on page 1.

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**Immersive Visualization Lab (iLab) News**

It has been another exciting year in the iLab as **Bimal Balakrishnan** explains. "We spent the year developing new virtual reality tools aimed at beginning design students. We were exploring new ways of analyzing collaboration patterns within design teams, building simulations in healthcare, health psychology and transportation.

The iLab has become a hub for interdisciplinary research and creative work at MU involving visualization and simulation. We have ongoing collaborations with the College of Engineering, School of Medicine, and Thompson Center for Autism. Our collaborative proposals with campus partners have received federal and state funding from FHWA, NSF, MoDOT and a variety of campus grants.

Given the breadth of our exciting projects, the iLab was selected recently by Oculus Inc. (owned by Facebook) for their NextGen program and received a donation of latest VR hardware."

Our recent Ph.D. alumni are well placed. **Ehsan Naderi** started as a tenure-track assistant professor in Industrial Design at the University of Minnesota. **Danielle Oprean** (now a post-doctoral scholar at Penn State) has accepted a new position at Charles River Analytics (https://www.cra.com/).

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**Showing off the iLab**

Students and scholars are interested in our iLab as an innovative teaching and learning facility. Academic leaders from King Mongkut’s University of Technology Thonburi in Thailand visited the iLab in October.

**Bimal Balakrishnan** (3rd from left) directs the iLab and leads numerous collaborative interdisciplinary research projects.
Honors

National Award for Graduate Program

Our graduate program’s widespread reputation was recognized with the Interior Design Educator’s (IDEC) Institutional Merit Award. The honor ceremony took place at the IDEC meeting in Chicago on March 9, 2017 with fourteen alumni in attendance. The accolade acknowledges the program’s progressive online graduate program and its well-placed, distinguished alumni holding major leadership positions. A second, home-turf celebration for the Institutional Merit Award was with students and faculty. Chair Ruth Tofte thanked faculty, students, alumni, and Mizzou Online for their contributions and identified this recognition as a “Team Award.” Associate Professor Emeritus Ronald Phillips participated in the celebration.

Robert Walsh was honored as a mentor and received the Mizzou ’39 Award. MU was founded in 1839.

Student Jackson Davis chose Robert Walsh to be recognized and said, “He showed deep concern for the people he taught and a burning passion for improving society for the next generation.”

The honors ceremony took place after the 2017 Spring term.

Cynthia Adams Francis received the HES Citation of Merit Award. Tony Randazzo received the Distinguished Service Award. Ehsan Naderi received the Distinguished Teaching Award, all in April 2017 during HES Week.
The 2017 Spring Advisory Board began their meeting with a lecture by Tracy Stearns entitled, “Embrace the Perfection of Imperfection” sponsored by the Carol Ann Williams Lectureship in Design. Board members worked with students during the afternoon to critique mid-term thesis projects. Tracy is Senior Vice President at HOK, alumnus, and known for his creative interior design.

The Marcia Werhle and Robert N. Healy Interior Design and Architecture Lecture Series opened the Fall 2017 Advisory Board meeting with a presentation by Bob Blaha entitled, “Looking Forward Through a Rear-view.” Blaha gave a historical perspective to interiors he designed and provided insight into what can be learned from this reflective examination.
Lab experiments at home.

Students are conducting experiments in their own homes in an online General Education class taught by Laura Cole. ArchSt 2323 Sustainable Design Fundamentals emphasizes energy and water use, sustainable sites, environmentally friendly building products, indoor air quality, and design for sustainable behaviors.

Evaluation research of the class demonstrated its success as reported in the paper “Green Building Literacy for Online Learners” (IDEC Midwest Conference by Laura Cole, Briana Johnson, and Jerod Quinn).

Teaching S&T Architectural Engineering Students.

Our online course in historic preservation welcomed nineteen engineering students from the Missouri University of Science and Technology, Rolla campus. The Intercampus Course Sharing initiative encourages the sharing of courses among the four UM System campuses to increase options for students and expand departmental offerings. The ArchSt 4430 course is the first in Architectural Studies and a popular general education class taught by Ruth Tofle. Students prepare a preliminary mock nomination for a building not currently on the National Register for Historic Places.

Pride of place is a topic of one discussion posting. Students consider meaningful places in their home community and interiors of MU and S&T administration buildings (left).

Faculty scholarship

*** Ruth Tofle: Environment & Aging, Facility Access, Design Education & Research, Place Attachment
*** Benyamin Schwarz: Environment and Aging, Dementia Special Care Units, Nursing Homes, Assisted-Living, Design Process and Design Theory, International Residential Environments
*** Laura Cole: Green School Buildings; Pedagogical Architecture, The Psychology of Environmental Stewardship, Design for Low-Energy Living
*** Mike Goldschmidt: Ecological Design, Construction Documents, Building Technologies, Codes and Regulations, Healthy Building Environments
*** Lyria Bartlett: Architectural Design Process, Design Pedagogy, Creativity Research, Sustainable Technology, Professional & Community Relationships
*** Robert Walsh: Design-Build Construction and Sustainable Communities
Historic benchmarks of lectures by distinguished speakers help pilot our future in achieving goals. Since 1997, the roster of renowned speakers have made a difference to the academic life of our program. We are particularly grateful for the ongoing endowed support of the Carol Ann Williams Lecture in Design and the Marcia Wehrle Healy & Robert Healy Interior Design & Architecture Lecture Lectureship Series.

<table>
<thead>
<tr>
<th>Year</th>
<th>Sponsors</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>2017</td>
<td>Healy</td>
<td>Bob Blaha of HOK, St Louis, MO</td>
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<td>2017</td>
<td>Williams</td>
<td>Tracy Stearns of HOK, Kansas City , MO</td>
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<td>2016</td>
<td>Williams</td>
<td>James L. Cutler of Cutler Anderson Architects, WA</td>
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<td>2016</td>
<td>Healy</td>
<td>Laura Hartman of Ferneau &amp; Hartman Architects, Inc., Berkeley, CA</td>
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<tr>
<td>2015</td>
<td>Williams</td>
<td>Charles Rose of Charles Rose Architects, MA</td>
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<td>2015</td>
<td>Healy</td>
<td>Bill Zahner of Zahner Company, KC</td>
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<td>2014</td>
<td>Williams</td>
<td>Ron Rochon of Miller Hull Partnership, Seattle, WA</td>
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<td>2014</td>
<td>Healy</td>
<td>Jon Otis of Pratt Institute, NY</td>
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<td>2013</td>
<td>HES-ArchSt</td>
<td>Mihaly Csikszentmihalyi author of <em>Flow</em> and creativity studies</td>
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<td>2013</td>
<td>Healy</td>
<td>Andrew Herdeg of Lake/Flato, TX</td>
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<td>2012</td>
<td>Williams</td>
<td>Marlon Blackwell of Marlon Blackwell Architects, Fayetteville, AR</td>
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<td>2012</td>
<td>Healy</td>
<td>Dan Maginn and David Dowell of el dorado, KC, MO</td>
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<td>2011</td>
<td>Williams</td>
<td>Sarah Susanka author of <em>Not So Big House</em> series, Raleigh, NC</td>
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<td>Healy</td>
<td>Antoine Predock of Antoine Predock Architect, NM</td>
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<td>2010</td>
<td>Williams</td>
<td>Loukas Kalisperis of Penn State, PA</td>
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<td>2010</td>
<td>Healy</td>
<td>Bernard J Cywinski of Bohlin Cywinski Jackson, PA</td>
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<td>2009</td>
<td>Williams</td>
<td>James P. Cramer of Greenway Group, Inc and DesignIntelligence, CO</td>
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<td>2009</td>
<td>Healy</td>
<td>Alan Maskin of Olson Sundberg Kundig Allen Architects, Seattle, WA</td>
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<td>Taryn Mead of Biomimicry Guild, CO</td>
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<td>2007</td>
<td>Williams</td>
<td>Bob Berkebile of BNIM, KC</td>
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<td>2006</td>
<td>Exec Res</td>
<td>Carolyn Miller of AI, Chicago, IL</td>
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<td>2006</td>
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<td>Peter B MacKeith of Washington University, KC, MO</td>
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<td>2005</td>
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<td>Bob Blaha of HOK, St. Louis, MO</td>
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<td>2004</td>
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<td>Linda Loewenstein, Lawrence Group StL, MO</td>
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<td>2003</td>
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<td>Michelle O’Toole, O’Toole Design Associates, StL</td>
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<td>2002</td>
<td>Exec Res</td>
<td>Bob Simmons and Carol Napper designers give tour of MU Cornell Hall</td>
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<td>2001</td>
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<td>Gregory E. Blackburn, Principal, Anshen + Allen, San Francisco, CA</td>
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<td>2001</td>
<td>Exec Res</td>
<td>Ron Kemnitzer, Designer of Bola Chair</td>
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<td>2000</td>
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<td>Saleh Uddin, MU new professor in design communications and digital media</td>
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<td>1999</td>
<td>Exec Res</td>
<td>Fred Schmidt of The Environments Group, Chicago, IL</td>
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<td>1998</td>
<td>Exec Res</td>
<td>Paul Brayton of Brayton Designs and Brayton International Furniture, NC</td>
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<td>1997</td>
<td>Exec Res</td>
<td>Diann Hillix, Project Manager, Real Estate Division of Sprint, KC</td>
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<td>1997</td>
<td>Exec Res</td>
<td>Stephanie Graham of HNTB, KC, MO</td>
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*MU *Bob Berkebile and Antoine Predock were also selected as MU Honorary Doctorates

Healy: **Marcia Wehrle Healy and Robert N. Healy** Interior Design & Architecture Lecture Endowment 2009-date

Williams: **Carol Ann Williams** Lecture in Design Endowment 2006 - date

HES: HES Margaret Mangel Lectureship, Department, & Mizzou Advantage 2013