



THE AMERICAN INSTITUTE OF ARCHITECTURE STUDENTS
1735 New York Ave., Washington, DC 20006
202.808.0075 | aias.org

AIAS Research Symposium at Stanford University

Conference Location

Stanford University
Yang & Yamazaki Environment & Energy Building (Y2E2) - Room 111

Near:
Parking Structure @
285 Panama Street, Stanford, CA 94035

Icebreaker Location
Three Seasons Restaurant
15% off tab with conference badge

Schedule

Friday

7:00pm – 8:30pm

Opening Keynote: Allison Williams (AECOM)

Title: Research and Narrative in Practice

Bio: Allison Williams FAIA (M.Arch '76) recently joined AECOM's global architecture practice as Vice President and Director of Design for the firm's U.S. West region. In her new role she will incorporate her vision and passion for design into AECOM's architecture practice and her leadership in advancing clients, colleagues, and communities. Prior to joining AECOM, Williams led architecture studios for Perkins Will and SOM with high-profile projects that include the Lawrence Berkeley National Laboratory Computational Research Facility, the international terminal at San Francisco International Airport, and CREATE at the National University of Singapore. She currently serves as a member of the Harvard Graduate School of Design Visiting Committee for Harvard's Board of Overseers, the Harvard Design Magazine Practitioners Advisory Board, and member of the Board of Directors for the San Francisco Planning and Urban Research Association. Williams has an extensive portfolio of work for corporate, real estate, cultural, education, government, and civic clients

9:00pm – 12:00am

Icebreaker: Location TBD

Saturday

8:30am – 9:00am

Light breakfast and coffee

9:00am – 9:50pm

Speaker: Daniel Johnson (Stanford University)

10:10am – 11:00am

Speaker: Forest Flager (Stanford University)

Bio: Forest's teaching and research focus on the development and application of computational methods that augment human abilities to explore large design spaces and help designers to identify innovative solutions. Prior to his current role, Forest served as the product manager for a venture-backed technology start-up in San Francisco. Forest has practiced as a structural engineer for Arup in San Francisco and London, UK. He holds a BS and PhD in Civil and Environmental Engineering from Stanford University, a Master of Design from Harvard University's Graduate School of Design, and a Masters in Structural Engineering from MIT.

11:20am – 12:10am

Speaker: Michael Henneken (Stanford University)

Title: Reconstruction in conflict-affected economies as a qualitative inquiry

Bio: Michael is a PhD student at the Global Projects Center at Stanford University and founding partner of a Bay Area-based real estate advisory firm. Associates of his firm advise key officials on California's \$70 billion high-speed rail program. In support of the U.S. Defense and State Departments' missions in 2011/12, Michael served in southern Afghanistan advising military combatant commanders and the State Department's Sr. Civilian Representative for the region. An ambitious undertaking, the assignment was to spur private sector investment in the war-torn region as opposed to continuing reliance on the international donor community.

2:10pm – 3:40pm

Speaker: Chris Ford (Stanford University)

Title: The Difference Between Science and Design

Bio: Chris is a design professional, design educator, and design researcher in the areas of both Architecture and Infrastructure design.

Upon graduating with his Master of Architecture from North Carolina State University, Chris worked in the offices of Richard Meier & Partners (New York), Rick Joy Architects (Tucson) and Rob Paulus Architects (Tucson). Projects assisted or managed include residential (single and multi-family), commercial and infrastructural typologies.

After teaching as a lecturer at the University of Arizona, Chris joined the College of Architecture at the University of Nebraska as fulltime faculty. He regularly taught undergraduate and graduate design studios including the NAAB Comprehensive Project, elective courses in Design Methodology and Modern Craft, and advised Design Thesis. In Spring 2013, Chris coordinated the "London | 2013" Program where his research prompted coursework on Hybridized Urban Infrastructures. In 2015, Chris resigned as a tenured Associate Professor to pursue a PhD in Mechanical Engineering.

Chris is currently a PhD Candidate at Stanford University in the Mechanical Engineering Design Group and is advised by Professor Larry Leifer, PhD. As a Research coordinator in the Stanford Center for Design Research, Chris spearheads a new initiative titled "Resilience Design Research" which uses Design Thinking as a research method for next-generation, resilient solutions for the built environment. This initiative includes research interests in both urban and suburban contexts.

Chris is a licensed architect in the State of North Carolina. Chris is engaged outside of Stanford through his role as Reviews Editor for the TAD Journal and co-Chairs the Emerging Technology Committee within the ASCE's Infrastructure Resilience Division. Chris maintains memberships with the American Institute of Architects (AIA), the American Society of Civil Engineers (ASCE), the American Society of Mechanical Engineers (ASME), and the San Francisco based non-profit SPUR.

4:00pm – 5:30pm

Speaker: John Barton (Stanford University)

Title: The Mechanics of Research

Bio: John Barton is Director of Stanford's Architectural Design Program and an architect in private practice. He is a former member of the Palo Alto City Council and also served two terms on the Palo Alto Unified School District Board of Education.

John has taught at Stanford, UC Berkeley, and San Jose State Universities. His practice has spanned over thirty years and has received numerous design awards including a recent AIACC Honor Award in Urban Design for collaborative work on high-speed rail options in Palo Alto. He was elevated to the College of Fellows of the American Institute of Architects in 2013.

John has an extensive record of regional community involvement. He was appointed by the State Legislature to help draft California's new Master Plan for Education K-16. He is a founding member of the Community Working Group that built the Opportunity Center in Palo Alto. John is also a board member of the Housing Trust of Santa Clara County and has been an ex-officio member of the boards of Avenidas and the Palo Alto Housing Corporation. He is a past board member of the Role Model Program, the Palo Alto Chamber of Commerce, The Redwood City Child Development Program, and the Children's Center of the Stanford Community.

John received his B.A. and Master's Degrees in architecture from UC Berkeley. He is currently pursuing a Doctoral degree in Architecture at Carnegie Mellon University. While at Berkeley he met and married Lydia Tan. They are Resident Fellows in a dorm at Stanford and have two sons, age 26 and 23.

John's interests include reading (fiction and American and European history), cooking, painting, playing lacrosse, and watching college football.



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Sunday

9:30am - 10:00am

Light breakfast and coffee

10:00am - 11:00am

Speaker: Panel Discussion

Title: Careers in Research

11:20am - 1:00pm

Closing Keynote:

Speaker: Robert Yuen (Section Cut)

Bio: Robert Yuen is the Co-founder and president of Section Cut and creative director of RYRD (Robert Yuen Research and Design). With a BA Arch from the University of Illinois Chicago, and two degrees at the University of Michigan – a M. Arch and a MS in Architecture specialized in the use of industrial robotics in the context of design and fabrication.