

MICHAEL ZARETSKY, AIA

ASSOCIATE PROFESSOR, DIRECTOR OF ARCHITECTURAL ENGINEERING, ARCHITECT

BIOGRAPHICAL

Michael Zaretsky
 513 / 668-8255
 mz@michaelzaretsky.com

EDUCATION

1994-98 **University of Oregon, Eugene** - Master of Architecture
 1986-90 **University of North Carolina, Chapel Hill** - Bachelor of Arts / Art History
 1992 **Yestermorrow Design/Build School** - Warren, VT
 1988 **Syracuse University** - Pre-Architecture Program / Florence, Italy

PROFESSIONAL LICENSURE

2003+ **Licensed Architect** - California Registration # 29347

PROFESSIONAL HISTORY**ADMINISTRATIVE EXPERIENCE**

2018+ **Director of Architectural Engineering, University of Texas at Arlington**
 Leading the development and curriculum of the UTA Architectural Engineering program.

2016-18 **Associate Dean of Faculty Affairs and Curriculum, College of DAAP, UC**
 One of two Associate Deans in the top-ranked College of Design, Architecture, Art, and Planning (DAAP) at the University of Cincinnati. The College has approximately 2500 students, 90 full-time faculty, 120 part-time faculty, 4 Schools and 18 Programs.

2011-18 **MetroLAB Design/Build - Director**
 Initiator and Director of the MetroLAB Design/Build program within the School of Architecture and Interior Design. Responsible for identifying project partners, negotiating fees and contracts, securing workshop spaces and coordinating curriculum.

ACADEMIC EXPERIENCE

2018+ **University of Texas at Arlington, Department of Civil Engineering**
 Associate Professor (Architectural Engineering and Architecture)

2012-18 **University of Cincinnati, School of Architecture and Interior Design**
 Associate Professor (Architecture)

2011+ **University of Cincinnati, College of Design, Architecture, Art and Planning**
 Director of MetroLAB Design/Build Initiative

2006+ **University of Cincinnati, School of Architecture and Interior Design**
 Assistant Professor (Architecture)

2004-06 **Savannah College of Art and Design** - Savannah, GA
 Full-time Professor of Architecture for Graduate and Undergraduate level courses

2006 **University of Oregon** - Eugene, OR
 Instructor of Architecture for UG Architecture and Interior Design students

PROFESSIONAL EXPERIENCE

2000-03 **EHDD Architects**, San Francisco, CA
 Project Architect and Designer for all phases of design on labs, libraries and schools

1998-2000 **Juul + Frost Architects**, Copenhagen, DK
 Intern Architect working for Danish Architecture and Design firm

1991-1994 **Michael Zaretsky Design/Build**, Seattle, WA
 Design/Build contractor leading residential renovations and furniture design

ADMINISTRATIVE
EXPERIENCE

Leadership | Faculty Affairs | Curriculum | Management | Strategic Planning |
Facilities Coordination | Fundraising | Outreach | Recruitment

2018+

Director of Architectural Engineering, Department of Civil Engineering, UTA

In 2015, the UTA Department of Civil Engineering started an undergraduate Architectural Engineering program. When I joined in fall 2018, there were 82 students. As of fall 2020, there were 162 students.

My roles have included:

- engaging DFW Metroplex area industry leaders to become involved in our Arch E program
- setting up an Advisory Group of industry leaders
- evaluating and updating the curriculum based on input from students, faculty and industry
- successfully leading the program through the initial ABET accreditation in fall 2019

2016-18

Associate Dean of Faculty Affairs and Curriculum, College of DAAP

The top-ranked College of Design, Architecture, Art, and Planning (DAAP) includes approximately 1900 undergraduate, 600 graduate students, 90 full-time faculty, 120 part-time faculty, 4 Schools and 18 different Programs. As Associate Dean of Faculty Affairs and Curriculum, I am part of the Deans Executive Council and my responsibilities include:

- oversight of Reappointment, Promotion and Tenure (RPT) process in conjunction with the Provost's office, College and School RPT committees and the American Association of University Professors (AAUP) Collective Bargaining Agreement.
- introducing junior and new faculty to RPT process
- oversight of curriculum and program changes and additions for all courses and programs in DAAP
- membership on the University Academic Committee that reviews program and curriculum
- leading the DAAP Faculty Forums (all-faculty meetings) twice per semester to address college business and curriculum development.
- oversight of all accreditations within DAAP including NASAD, NAAB and PAB.
- running the DAAP faculty and staff awards programs
- developing and running new faculty retreat
- construction administrator (client rep) for major renovation of DAAP shop
- DAAP representative on Honors Council, Equity and Inclusion committee, Faculty Grievance committee
- alumni outreach in Chicago, Baltimore, Boston, Seattle and within Cincinnati
- coordinated Chatterjee Global Lecture series in 2017 (Michael Murphy of MASS Design)
- led faculty and leadership from across UC and internationally to submit 100&Change MacArthur grant entitled H2O Prototypes.

2011-18

MetroLAB, Director

In 2011, I was asked to lead and coordinate the MetroLAB Design/Build Initiative. This program engaged students and faculty from SAID, DAAP and across UC with local non-profits. Our intent was to design, construct and innovate projects that support local communities and their built environment.

- initiated development of design/build program within School of Architecture and Interior Design with SAID faculty
- attained grant funding for a symposium on design/build
- coordinated symposium on design/build that brought leaders of other design/build programs to DAAP to discuss their programs and the process of program development
- went through legal process of attaining 501c3 non-profit status for MetroLAB Design/Build
- negotiated MetroLAB as first DAAP member of the University of Cincinnati Research Institute
- identified and negotiated contractual agreements with non-profit partners throughout Cincinnati
- attained \$136,000 in sponsorships for 14 projects
- attained \$38,200 in grant funding for workshop space and materials
- 4 published papers by MetroLAB faculty addressing MetroLAB projects and process
- MetroLAB faculty member Terry Boling received 2017 ACSA Design/Build award and Cincinnati Design Award for MetroLAB project Louder Than A Bomb

RESEARCH
OVERVIEW

Public Interest Design | Social Impact Design | Humanitarian Design | Sustainable / Ecological / Green Design | Culturally-Responsive Design | Global Design | Critical Regionalism | Design Thinking | Environmental Technologies | Passive Design | Bioclimatic Design | Integrated Design and Tectonics | Design / Build

My research addresses the cultural, social, environmental and tectonic relationships between humans and the environments that they create and inhabit. I bring my experience as a scholar and a builder to bear on issues of sustainable design, public interest design and local and international design/build.

The research revolves around tangible projects that engage students, faculty, non-profit entities and communities working to collectively address issues that impact all communities involved.

PROJECTS

Roche Health Center - The Roche Health Center is a project of the Cincinnati-based non-profit Village Life Outreach Project. Roche Village is a rural village in Tanzania, East Africa with no infrastructure for power, sanitation or water. Since 2008 we have been working with the community to develop a health center that has become a model for rural healthcare in the region. The clinic opened in 2011 and additional buildings have been added as needed to support medical personnel and community needs.

\$1,050,000 sponsorship for Village Life Outreach Project construction from UC Health
\$8500 individual grants

\$200,000 committed for Phase 4 - Maternal Health Ward, scheduled to open 2022

MetroLAB Design/Build - MetroLAB was a Public Interest Design / Build program within the University of Cincinnati School of Architecture and Interior Design (SAID) in the College of Design, Architecture, Art and Planning (DAAP). This program engages students and faculty from SAID, DAAP and across UC with local, national and international communities. The intent is to design, construct, research and evaluate innovative projects that support the infrastructure and development of the built environment through direct engagement with community members and partners.

\$36,200 grant funding + \$136,000 sponsorship

SPONSORED FUNDING

Kroger Co. - \$205,000 for research-based studios

MetroLAB - \$136,000 for design/build studios

City of Arlington, TX - \$30,000 for Community Engagement / Design/Build studio SP20

SCHOLARSHIP

Precedents in Zero-Energy Design: Architecture and Passive Design in the 2007 Solar Decathlon, Routledge, 2009

New Directions in Sustainable Design, Co-edited volume with Dr. Adrian Parr; Routledge Press, 2010

Design Beyond Borders: Community Engagement in International Design/Build, forthcoming book with Routledge Press, 2018

8 chapters in books, **14** peer-reviewed papers, **18** conference presentations

COMMUNITY
ENGAGEMENT
OVERVIEW

Humanitarian Design | Global Design | Public Interest Design | Social Impact Design | Human-Centered Design | Participatory Design | DesignBuild Engagement | Community-Driven Design | Asset-Based Design | Collective Impact | Design Justice | Collaborative Change | Design Thinking

I have been practicing, teaching, studying and writing about community engagement since 2008 when I began working with communities in rural Tanzania. I brought the lessons learned from years of international community engagement to local community work in Cincinnati, Ohio and Dallas/Fort Worth communities in Texas.

2020 **NSF CIVIC Grant submittal 2020 (awaiting response)**

I am the PI on a planning grant entitled "Trinity River Water Levels: Collaboratively Creating a Tool for Citizens Impacted by Flooding" which proposes to work with stakeholders along the 710-mile length of the Trinity River to create a user-informed, interactive tool to understand water levels and warn when communities are at risk.

2020 **EAST Library & Recreation Center - Arlington, TX**

Director of UTA Architecture Brad Bell and I co-taught a Graduate DesignBuild Engagement Architecture Studio in spring 2020 that was sponsored by the City of Arlington. We were asked to engage the diverse, local community in the design of an outdoor space in their new Library and Recreation Center. We were able to hold 3 events before covid-19 forced us to work online. We then engage through social media and were able to reach over 6000 residents to get their input on the design of the outdoor space. It is currently under construction.

2018-20 **UC Collaborative Change Think Tank - Cincinnati, OH**

I was a co-PI on a \$250,000 grant to fund a gathering of national experts and stakeholders in evaluation, research, and design that use collective impact and design-thinking processes to rethink assessment approaches aimed at the evaluation of efforts to create a model for collaborative change that incorporates the perspectives of researchers, evaluators and designers. (NSF Award #1812795)

2019 **Evans / Rosedale - Fort Worth, TX**

In February 2019, I was asked to collaborate with the UTA Institute for Urban Studies (IUS) to develop a community engagement process that would enable the city of Fort Worth to understand the priorities for development of the Evans / Rosedale neighborhood. This is an under-resourced, primarily African-American community with immense history. We developed a workshop with interactive workstations and were able to engage approximately 60 residents from the local community.

2019 **Texas General Land Office Grant - SE Texas**

As co-PI on the "Hydrology Infrastructure Data Collection and Analysis Services for Community Development Block Grant - Disaster Recovery Programs," sponsored by UTSA, (\$499,981), my role was to work with the larger team to develop techniques for receiving input from across rural SE Texas communities in regards to what worked following Hurricane Harvey and what could be improved. I led a series of interviews and a one-day workshop for all involved in the grant.

2011-18 **MetroLAB Community DesignBuild - Cincinnati, OH**

As the Director of MetroLAB, I embedded community engagement into the studios that I ran as well as studios that other UC faculty were leading. We worked with communities in Walnut Hills, Over the Rhine and across the under-resourced communities of Cincinnati. We led studio-based designbuild projects that incorporated community and stakeholder input throughout the design and prototyping processes. The projects evolved from the communities and have had long-term success as a result.

2008,+ **Village Life Outreach Project: Roche Health Center project - East Africa**

I have been working with the non-profit organization Village Life Outreach Project (VLOP) and our NGO partner in Tanzania, the Shirati Health, Education and Development (SHED) Foundation to engage the citizens and local government of rural Roche, Tanzania through every step of the design and construction of the Roche Health Center. The first building opened on April 1, 2011 and has now served thousands of residents who would not otherwise have access to healthcare. The community has been involved in identifying the location, developing the design, constructing the building, overseeing maintenance and operations and continuing to develop additional buildings.

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TEACHING
OVERVIEW

Humanitarian Design | Global Design | Sustainable Design | Environmental Technologies | Passive Design | Bioclimatic Design | Integrated Design and Tectonics | Post-occupancy Evaluation | Design / Build | Comprehensive and Integrated Design | Critical Regionalism | Design Thinking

UC COURSEWORK - GRADUATE ELECTIVE DESIGN STUDIOS - SPONSORED

2012-15

ARCH 8001: The Future of Grocery - Kroger Sponsored Studios

From 2012-15, I led and coordinated a series of elective graduate and undergraduate Architecture studios that were sponsored by, and in collaboration with, the Kroger Corporation. We worked directly with Ken, Pray, Kroger Head of Design, to create a unique studio experience that benefited the students and inspired the Kroger Corporation to re-consider the Future of Grocery.

2008, -09, -11

ARCH 8001: Roche Health Center

The Roche Health Center Graduate Elective studios addressed the design and development of the Roche Health Center in rural Tanzania, East Africa - an actual project proposed by Roche Village and the non-profit Village Life Outreach Project.. We collaborated with ARUP Engineers and Emersion Design to design and construct a net-zero energy, locally built health center in a region with no power, water or sanitation. The project opened April 1, 2011 and has treated thousands of patients.

UC COURSEWORK - REQUIRED DESIGN STUDIOS

2006+

ARCH 7004: Advanced Building Design Studio

As a core member of the Advanced Building Design Faculty, my role was to address Environmental issues in contemporary design in the Design Studio as well as in the associated Integrated Technology course. This studio challenges students to integrate structures, environment and construction systems in an integrated, strategic approach to their design process.

UTA COURSEWORK IN ARCH ENG

2018+

Architectural Engineering coursework

As the Director of the UTA Architectural Engineering (AE) program, I began by assessing which courses were successfully preparing our students for a future in AE. I quickly discovered that they were getting strong engineering skills, but that it was not specifically tailored to buildings and Architecture. I re-worked several courses and taught Intro to Architectural Engineering, the Design Studio for Architectural Engineering and the Senior Capstone Project. This enables me to adjust the curriculum to comprehensively prepare the students to be successful within industry or in graduate education.

INTERNATIONAL TEACHING

2019

UTA Humanitarian Design and Appropriate Technologies

During this seminar, 7 UTA students from Architecture, Landscape Architecture, Planning and Architectural Engineering were introduced to principles of Humanitarian Design and Appropriate Technologies and then we traveled to East Africa to engage in projects of Village Life Outreach Project.

2011-15

UC DAAP 3010: Humanitarianism: Design Thinking Across the Disciplines

During this Humanitarianism seminar, students traveled with me and others from Village Life Outreach Project to rural Tanzania, East Africa through Nairobi, Kenya. 32 students have traveled.

2009

UC Summer Abroad in Australia for School of Architecture and Interior Design

Dr. Adrian Parr and I co-taught 15 credits for ten students from architecture and interior design over 7 weeks in Sydney, Melbourne and Brisbane, Australia. Experiences included collaborations, critiques and presentations at the University of New South Wales, RMIT and the University of Queensland as well as at architecture and artist studios in each city.

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FUNDING

	UNIVERSITY OF TEXAS AT ARLINGTON
FA19	Texas General Land Office (GLO) Grant <i>Fang, N. (PI), Mattingly, S. P. (Co-PI), Zaretsky, M. (Co-PI), "Hydrology Infrastructure Data Collection and Analysis Services for Community Development Block Grant - Disaster Recovery Programs," Sponsored by UTSA, Federal Flow Through, Incremental Amount \$499,981.00. (04/23/19 - 10/31/19).</i>
SP19	National Science Foundation Sustainable Urban Systems (NSF-SUS) Grant <i>Co-PI on NSF-SUS grant for conference entitled Future Cities, Livable Futures: Toward a Sustainable Model for Urban-Watershed Systems. PI Dr. Adrian Parr, co-PI Civil Engineer Dr. Nick Fang and co-PI Meghna Tare, Director of Institute for Sustainability and Global Impact all developed an interdisciplinary conference that addressed the relationship between watersheds and urban systems (\$50,000).</i>
FA18	Faculty Science and Technology Acquisition and Retention (STARs) Grant <i>Incoming UTA College of Architecture, Planning and Public Affairs Dean, Dr. Adrian Parr, and I received \$1 million (\$500,000 each) for a STARs proposal to create a UTA Community Design/Build Center.</i>
	UNIVERSITY OF CINCINNATI
2018-20	NSF INCLUDES Conference: A Convening on Community-Engaged Assessment <i>I am a co-PI on a \$250,000 grant to fund a three-day gathering of national experts and stakeholders in evaluation, research, and design that will use creative, design-thinking processes to rethink assessment approaches aimed at the evaluation of efforts to increase representation in STEM preparation pathways and eventual entry into STEM careers. (Award Abstract #1812795)</i>
FA12+	Kroger Sponsorships <i>Since 2012, I have led Kroger-Sponsored studios and seminars in which UC students have done exploratory projects and research on issues that are relevant to the Kroger Corporation.</i> \$205,000 in Kroger Co. sponsorships between 2012 and 2016
FA13+	MetroLAB Sponsorships <i>As Director of the MetroLAB Design/Build program within SAID, I was responsible for finding clients, space and sponsorships for all studios. This included developing 501c3 status, developing contracts and coordinating all aspects of funding between clients and the university.</i> \$136,000 in non-profit sponsorships for MetroLAB projects from 2014 - 2017
SP15	UC Pathway B Third Century Grant - Space Grant - INDIVIDUAL \$14,400 for 'MetroLAB Workshop Space'
SP15	UC Pathway B Third Century Grant - Research Fellowship - INDIVIDUAL \$8,000 for course release and \$2000 for supporting resources
SP15	UC Pathway B Third Century Grant - Materials - INDIVIDUAL \$10,000 for 'Pleasant Street Pedestrian Development'
FA13	AIA Ohio Research Grant - INDIVIDUAL \$4000 for 'Improving Construction in Rural Tanzania'
SP13	University Research Council (URC) \$19,200 for 'Future Cities; Livable Futures Conference' - WITH ADRIAN PARR
SP11	Faculty Development Council (FDC) \$3800 for 'Developing the UC SAID MetroLAB Design/Build Program' - INDIVIDUAL
SP10	Faculty Development Council (FDC) \$1441 for 'Teaching Seminar on Public Interest Design' - INDIVIDUAL
SP10	DAAP Signage Grant \$4500 for 'Developing Healthcare Signage in rural northern Tanzania' - INDIVIDUAL
WI10	Faculty Development Council (FDC) Collaborative Grant \$19,860 for Energy Modeling training with H. Elzarka, Prof of Engineering - PARTICIPANT

SCHOLARSHIP
+ RESEARCH

PUBLISHED BOOKS AND CHAPTERS

- 2021 *Design Beyond Borders: Community Engagement in International Design/Build*.
forthcoming book with Routledge Press
- 2020 *ccRED: Collaborative Change for Researchers, Evaluators and Designers*.
Invited author for University of Cincinnati published book.
Chapter entitled *DesignBuild Engagement: Making a Case for Making* co-authored with Terry Boling.
- 2019 *UNESCO: Water for Human Settlements 4.5.1- 4.5.3 Integrated Development in Rural Human Settlements*. Led research into social water and sanitation solutions in rural Tanzania with UTA students leading to white papers for UNESCO.
- 2018 *Public Interest Design Education Guidebook*, (chapter and case study) Routledge Press,
Edited by Lisa Abendroth and Bryan Bell
Chapter **Merging Research, Scholarship, and Community Engagement: Roche Health Center Case Study Pleasant Street Pedestrian Project**
- 2010 *New Directions in Sustainable Design*, Routledge Press, ISBN 978-0-415-78037-7
Co-edited volume with Dr. Adrian Parr; published 2010
Authored chapters:
Chapter 9 **Design from the Ground Up: Risks and Opportunities in Humanitarian Design**
Chapter 16 **LEED After Ten Years**
Chapter 17 **Interview with Christof Jantzen of Behnisch Architects**
- 2009 *Precedents in Zero-Energy Design: Architecture and Passive Design in the 2007 Solar Decathlon*, Routledge Press, ISBN: 978-0-415-77875-6, published 2009
- 2009 *University of Cincinnati Climate Action Plan* (co-authored with Mary Beth McGrew)
by the UC President's Advisory Council on Environment and Sustainability (PACES)
Chapter 4 **Sustainable Education and Outreach**
- 2008 *The Oxford Conference: A Re-Evaluation of Education in Architecture*, Wessex Institute of Technology (WIT) Press. Editors S. Roaf and A. Bairstow, 2008,
Authored chapter entitled *Following Kahn in Texas*, ISBN: 978-1-84564-206-8
- 2008 *Leveraging Cooperative Education to Guide Curricular Innovation: The Development of a Corporate Feedback System for Continuous Improvement*, co-authored (chapter 4), *Center for Cooperative Education Research and Innovation*, ISBN: 978-0-615-25136-3

BLIND PEER-REVIEWED JOURNAL ENTRIES

- 2010 *The International Journal of Art & Design Education (JADE)*, Oct 2010 issue 29:3
'Fragmentation and Interrogation as an Approach to Integration', with Karl Wallick

PUBLISHED PRESENTATION PAPERS

- 2016 **Association of Collegiate Schools of Architecture (ACSA)**, 2016, Seattle
Shaping New Knowledges: International Design/Build: Unintended Consequences
- 2014 **Association of Collegiate Schools of Architecture (ACSA)**, Halifax
Working Out: Beyond the Charrette: Crafting Community Through Full-Scale Prototyping
with Terry Boling + *Cultural Constructions: Mock-Ups as A Means of Cultural Engagement*
- 2014 **Association of Collegiate Schools of Architecture (ACSA)**, Miami
Globalizing Architecture: Cultural Exposure: Alternatives to Traditional Travel Abroad
- 2012 **Association of Collegiate Schools of Architecture (ACSA)**, Boston
Global Collaborative Practices: Activating Agency: Assessing Impacts of Global Collaborative Practices

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**SCHOLARSHIP
+ RESEARCH
CONTINUED**

- 2010 **Association of Collegiate Schools of Architecture (ACSA)**, New Orleans, LA
Re-Building: Research Informing Design: A Zero-Energy Health Center in Rural Tanzania
- 2009 **Association of Collegiate Schools of Architecture (ACSA)**, Portland, OR
Teaching Technology As Design: Fragmentation and Interrogation towards Integration
co-authored with UC-SAID Assistant Professor Karl Wallick
- 2008 **The Oxford Conference 2008**, Oxford, England
Resetting the Agenda for Architectural Education: Following Kahn in Texas
- 2007 **Associated Collegiate Schools of Architecture (ACSA)**, Philadelphia, PA
Fresh Air: Between History and Contemporaneity: Critical Assessment of Historic Review in Savannah, Georgia

EDITED DIGITAL PUBLICATIONS

- 2008 **Sustainability issue of Drainmag.com**, co-edited by Michael Zaretsky and Adrian Parr
Peer-reviewed on-line Journal of Art and Culture (www.drainmag.com)

LITERATURE REVIEWS

- 2009-20 **Routledge Press** - regular reviewer for Built Environment series. Completed 18 reviews.

INVITED JURY MEMBER

- 2019 **Topping Out Awards** - Jury member celebrating outstanding projects in the DFW area.
- 2018 **Topping Out Awards** - Jury member celebrating outstanding projects in the DFW area.

INVITED DESIGN REVIEWS

- 2020 **Virginia Tech, 2nd year Architecture reviews (for Sharone Tomer)**
- 2015 **Carnegie Mellon University College of Fine Arts 3rd year Reviews**
- 2012 **Social, Economic and Environmental Design Competition**
Invited Jury Member for SEED competition
- 2011 **Catholic University of America School of Architecture and Planning**
Critic for the Comprehensive Building Studio
- 2009 **Ball State University**
Invited Reviewer for Gresham Smith, 3rd year design Competition

PRESENTATIONS

BLIND PEER-REVIEWED CONFERENCE PRESENTATIONS

- 2019 **Texas Society of Architects (TxA)**, Immersion: Knowledge. Resilience. Inclusion.
Academic Design/Build in Texas
Community Design Across Texas
Public Outreach for Architects
Defining Design: Creating a Shared Vocabulary Across the Design and Engineering Disciplines
- 2017 **Structures for Inclusion 17 (SFI)**, Building on the Common Ground
Design Beyond Borders: Models of Engagement
- 2016 **Structures for Inclusion 16**, Structural Changes: Mission, Profession, Education
Pleasant Street Social Dynamics
- 2016 **Association of Collegiate Schools of Architecture (ACSA)**, Shaping New Knowledges
International Design/Build: Unintended Consequences
- 2016 **Design Futures: Public Interest Design Student Leadership Forum**,
International Design/Build
- 2015 **Structures for Inclusion 15**, Resilience of Mind, Body, and Spirit
Creating A Public Interest Design/Build Program
Phase 2: Looking Back to Look Forward
- 2014 **Association of Collegiate Schools of Architecture**, Globalizing Architecture
Cultural Exposure: Alternatives to Traditional Travel Abroad
- 2014 **Association of Collegiate Schools of Architecture Regional**, Working Out
Cultural Construction
Beyond the Charrette (with Terry Boling)
- 2012 **Association of Collegiate Schools of Architecture**, Digital Aptitudes
ACSA Award for Collaborative Practice
- 2012 **Association of Collegiate Schools of Architecture**, Digital Aptitudes
Activating Agency: Assessing Impacts of Global Collaborative Practices
- 2011 **American Association for Sustainability in Higher Education (AASHE)**,
Creating Sustainable Campuses and Communities: Session on Academic Programs &
Courses, Partnerships, Research: *Roche Health Center: The Role of Partnerships in*
Humanitarian Design Projects with Architect Chad Edwards
- 2011 **Structures for Inclusion 10+1**, Include Yourself
Design from the Ground Up: A Zero-Energy Health Center
- 2010 **Association of Collegiate Schools of Architecture**, Re-Building
Research Informing Design: A Zero-Energy Health Center
- 2009 **Association of Collegiate Schools of Architecture**, Teaching Technology As Design
Fragmentation and Interrogation towards Integration, co-authored with Karl Wallick
- 2008 **The Oxford Conference 2008**, Resetting the Agenda for Architectural Education
Following Kahn in Texas
- 2007 **Architectural Research Centers Consortium (ARCC)**, Eugene, OR
Green Challenges in Research, Practice and Design Education
Expo 2005: Nature's Wisdom: An Ecological Pedagogy for Sustainable Transformation
- 2007 **Associated Collegiate Schools of Architecture**, Fresh Air
Between History & Contemporaneity: Critical Assessment of Historic Review in Savannah, GA

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**PRESENTATIONS
CONTINUED****MODERATED FORUMS + INVITED PRESENTATIONS**

- 2019 **American Institute of Architects Dallas (AIA)**, moderator for Built Design Awards
- 2012 **Public Interest Design Institute (PID)**, University of Cincinnati
One of four guest speakers for Public Interest Design Institute for professionals.
- 2011 **Public Interest Design Institute (PID)**, University of New Mexico, Albuquerque, NM
One of five guest speakers for Public Interest Design Institute for professionals
- 2008 **Association of Collegiate Schools of Architecture (ACSA)**, Houston, Seeking The City
Moderated a blind peer-reviewed session entitled "Sustainable Design and Beyond"
- 2007 **American Solar Energy Society 2007**, Cleveland, Sustainability in Higher Education
Moderated a forum on the integration of sustainable principles in higher education.

UC GUEST LECTURES

- 2010 **Engineers Without Borders (EWB)** presentation for THP Structural Engineers
- 2009+ **UC Intro to Industrial Design class** for Howard Baum
presented lecture entitled *Sustainable and Humanitarian Design in ID*
- 2010 **UC Students for Ecological Design (SED)** presentation on Roche Health Center.
- 2010 **UC Forum on Haiti**, lecture entitled *Sustainable Design following Natural Disasters*
invited by Tom Hadley, Vice President for UC Student Affairs and Services
- 2009 **DAAP Contemporary Life Lecture Series**: presented *Designing from the Ground Up*,
invited by Kimberly Paice, Associate Professor in the School of Art
- 2009 **UC Engineers Without Borders** Presentation on *Roche Health Center Design*
- 2009 **Sustainable Urban Environments** Lecture for UC College of Engineering
lecture on *Roche Health Center Design*
- 2007 **Chemical Engineering** Presentation for Dr. Joel Fried
lecture entitled *Photovoltaic Applications in Architecture*

ADDITIONAL CONFERENCE PARTICIPATION

- 2019 **Architectural Engineering Institute Conference**, Tysons, Virginia
Integrated Building Solutions: The National Agenda
- 2019 **The Association for the Advancement of Education in Higher Education**, Spokane, WA
Co-Creating A Sustainable Economy
- 2019 **Severe Storm Prediction, Education, & Evacuation from Disasters (SSPEED) Center**
2019 Conference: Post-Harvey Era: Resilient Engineering, Infrastructure & Policy
- 2018 **Design Futures Council Leadership Summit on the Future of Architecture**, Venice, Italy
- 2018 **Texas Society of Architects**, Fort Worth, Place
- 2018 **Constructing Ecologies Architectural Symposium**, California College of the Arts,
San Francisco
- 2017 **ACSA Administrators Conference**, Chicago: Gaps & Overlaps
- 2014 **Structures for Inclusion**, NYC: Design for Social Good
- 2010 **Structures for Inclusion**, Howard University: The Unrealized Potential of Architecture
- 2008 **SBSE Retreat 2008**, New Forest, United Kingdom: Resetting the Agenda
- 2007 **SBSE Retreat 2007**, Bainbridge Island, WA: Out of the Box

RESIDENCIES**INVITED RESIDENCY**

- 2015 **Marblehouse Project Resident**. Invited resident for environmental artist residency
www.marblehouseproject.org

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WORKSHOP PARTICIPATION**INVITED WORKSHOP PARTICIPATION**

- 2020 **Design Futures Student Leadership Forum Faculty Convening, Los Angeles.**
I was an invited faculty member participating with others who are involved with university programs that address Public Interest Design.
- 2017 **Path of the Patient workshop at Children's Hospital.** I was an invited consultant for 2-day workshop that combined health professionals from top-ranked Cincinnati Children's Hospital who were exploring how best to address the patient experience.
- 2010 **Design Impact Brainstorming session.** I was an invited participant at a workshop in which members of the non-profit, design and business communities provided input to the Cincinnati non-profit Design Impact regarding the future of their organization.
- 2010 **Social Entrepreneurship Honors class.** For UC Professor Raj Mehta
I led workshop to develop proposals for economic sustainability for the Village Life Outreach Project non-profit organization.

SYMPOSIUM + CONFERENCE COORDINATION

- 08/16-17/19 **Future Cities; Livable Futures: Toward a Sustainable Model for Urban-Watershed Systems,** co-PI, Adrian Parr; PI. NSF Sustainable Urban Systems Grant (\$50,000). Conference and Workshop held at UTA with 28 speakers and panelists from a diversity of disciplines addressing the future of "Watershed Urbanism." [futurecitieslf.com]
- 11/09/13 **Future Cities; Livable Futures Symposium,** co-directed with Adrian Parr, 2013
Conference on the future of cities with 13 speakers. Event at Contemporary Arts Center, Cincinnati with over 200 registrants. Interviewed on NPR with Adrian Parr.
- SP 2022 **Architectural Engineering Institute Forum,** to be held at University of Texas at Arlington
Mindful Urbanism: Addressing the Impacts of Growth, Development and Urbanization in the Building Industries

MEDIA + PRESS**MEDIA, PRESS AND INTERVIEWS**

- 03/20/18 **UTA announcement Academic Power Couple Joins UTA To Strengthen Focus On Sustainable Urban Communities**
<www.uta.edu/news/news-releases/2018/03/20/adrian-parr-michael-zaretsky>
- 08/20/14 **WCPO quote in "Kroger Co. Explores Downtown Grocery Options - What Would that Look Like?" by Dan Monk.**
<www.wcpo.com/money/local-business-news/kroger-co-kr-explores-downtown-grocery-options-what-would-that-look-like>
- 07/02/14 **WXIX Television Interview for Village Life Outreach and UC**
<<http://www.fox19.com/story/26049417/uc-students-look-for-ways-to-bring-kroger-to-downtown-cincinnati>>
- 11/20/13 **WVXU NPR Radio Interview for Future Cities; Livable Futures with Adrian Parr**
<[wxu.org/post/future-cities-livable-futures](http://www.wxu.org/post/future-cities-livable-futures)>
- 08/25/13 **WLWT Television Interview for Village Life Outreach and UC "Experience the Culture of Africa in the Tri-state"**
<www.wlwt.com/news/local-news/cincinnati/Experience-the-culture-of-Africa-in-the-Tri-state/21640794>
- 10/29/13 **Soapbox Media article "Cincinnati to Host Forum on the Future of Urban Life" by Andrew Welsh.** <www.soapboxmedia.com/.../102913-future-cities-livable-futures.aspx>
- 08/06/13 **Soapbox Media quoted in "Demand Better: Architecture's Impact on Cincinnati's Economy" by Elissa Yancey.** <www.soapboxmedia.com/features/080613dbarchitecture.aspx>
- 10/30/12 **Soapbox Media quoted in "Public Interest Design Institute to Educate Attendees in Community Design" by Caitlin Koenig.**
<<http://www.soapboxmedia.com/devnews/103012.publicinterestdesigncourse.aspx>>
- June 2011 **UC Research Magazine**
Model Geometry article on Heliodon Research Project by Dama Ewbank.
<www.uc.edu/content/dam/uc/ucomm/docs/UCResearchJune2011.pdf>

MICHAEL ZARETSKY, AIA

ASSOCIATE PROFESSOR, DIRECTOR OF ARCHITECTURAL ENGINEERING, ARCHITECT

AWARDS

2011

National Council of Architectural Registration Boards (NCARB) Award 2011

The Roche Health Center Project was a winner of the NCARB Prize for Creative Integration of Practice and Education in the Academy - \$7500

Collaborative relationships between students, their instructors, architect practitioners, and many others helped turn scarcity into sufficiency for health care needs in rural Tanzania, East Africa. Together, they created a 14-building master plan for a health center and made arrangements to obtain materials and train local workers for its construction in one of the world's most medically underserved regions. The project involved graduate students, architects, engineers, two nonprofits, the Tanzanian government, and the university's colleges of medicine, nursing, and pharmacy. Through the unique collaboration, students participated in cultural research, testing of building materials, contract preparation, marketing, financing, and project and construction management. The jury praised the project for being replicable in many parts of the world needing quality building design and construction.

- from the NCARB website description of the project 2011

2011

Association of Collegiate Schools of Architecture (ACSA) Collaborative Practice Award 2011

The Roche Health Center Project was a winner of this Prize for the entry entitled *Global Collaborative Practices*

Juror Comments: This is an exemplary university-led, applied-research and engagement-driven project is rooted in the community – for the community. This balanced effort involved a sustained faculty commitment with practitioners, students, and community leaders and constituents to address the underserved needs of the community. The final outcome of their effort not only solves one of those needs, but also results in a compelling architectural project. The lasting impact of this project is its integrative framework that will continue to serve as model for future collaborations and the direct transfer of knowledge to members of the community.

2011

SEED Competition Honorable Mention

The Roche Health Center project received an honorable mention for the work that we have done with communities in rural Tanzania.

<http://www.designcorps.org/sfi/winners>

2011

ACSA ArchIVE Second Responder Award Winner

The Roche Health Center project received was an award winner for the work that we have done with communities in rural Tanzania.

<http://www.archive100.org/users/m45/project/554>

2010

DAAP Faculty Award for Outstanding Research

I was recognized for my research on the Roche Health Center in Roche, Tanzania
The award was \$1000

2010

Village Life co-op student Emily Roush won co-op of the year

Working under my direction for 2 academic quarters as the on-site director for the Roche Health Center, Graduate Architecture student Emily Roush led the design and construction of the project following the Fall 2009 graduate RHC Studio.

ADMIN + SERVICE

UNIVERSITY OF TEXAS AT ARLINGTON

2018+

Director of Architectural Engineering program. Leading the curricular development, industry outreach, advisory group, enrollment, recruitment and student engagement for AE program which began in 2015. Achieved accreditation in fall 2019

2019-20

Chair of Faculty Search Committee for Architectural Engineering. Working with faculty members from the Department of Civil Engineering and College of Engineering to recruit new faculty member for AE program.

2018+

Institute for Sustainability and Global Impact. Board Member

2019+

Regional Centre of Expertise (RCE) of North Texas. Member and Chair of Research and Development Committee.

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ADMIN + SERVICE

SCHOOL - UC

- 2011-18 **MetroLAB, Director** Chosen by SAID School Director to lead group of faculty in development of SAID MetroLAB Design/Build Committee
- 2010-11 **SAID Design/Build Committee Chair**, Chosen by SAID School Director to lead group of faculty in development of SAID MetroLAB Design/Build Committee
- 2010-12 **SAID Advisory Committee**, Elected by SAID faculty to represent the faculty in bi-weekly meetings with SAID School Director
- 2009-10 **SAID Faculty Search Committee**
Faculty member on committee to hire Interior Design faculty member
- SU09 **Australia Study Abroad** with Dr. Adrian Parr for 10 students (UG Arch & INTD)
We taught a total of 4 courses in Sydney, Melbourne and Brisbane
- 2008-09 **SAID Technology Task Group**
Faculty member on committee to reconsider Technology courses in SAID curriculum
- FA08 **SAID Faculty Green Retreat presenter**
SAID faculty retreat: "LEED and Sustainability in the SAID Curriculum"
- 2007 **S/E/C Tech Development Committee**
Worked with Patricia Kucker, Tom Bible and Karl Wallick to develop new corollary courses for the SEC 1+2 studios. Responsible for (E)nvironmental content
- 2007 **SAID Curriculum Committee**
Member of committee addressing SAID curricular change
- 2007 **Carl Monzel Fellowship Development**
Worked with Michael Pride, BHDP to develop a sustainability fellowship for C. Monzel
- FA06 **SAID Faculty Retreat presenter**
SAID faculty retreat: "Integration of Sustainability into the SAID Curriculum"

UNIVERSITY - UTA

- FA18+ **Direct and develop the UTA Community Design/Build Center.** Dean Adrian Parr and I received a STARs grant of \$1 million to develop a community design/build center for the University to engage with non-profits, local governments and other partners for projects and applied research in community engagement and small-scale design/build.
- FA18+ **UTA Institute for Sustainability and Global Impact (ISGI)** board member for UTA organization that addresses sustainability initiatives across the campus
- FA19+ **UTA North Texas Regional Center of Expertise (RCE)** member and chair of the Research and Development Committee
- SU 19 **Tanzania Study Abroad** with Village Life Outreach Project for UTA students

COLLEGE - UC

- 2012-18 **Honors College DAAP Ambassador**
- 2010-18 **DAAP CARES.** Appointed by Craig Vogel, Associate Dean of DAAP, to create an initiative that brings together the faculty and students throughout DAAP that are developing projects that positively impact communities in need around the world.
- 2012-18 **DAAP Cares Student Group.** Faculty advisor for UC student group focusing on bringing about positive environmental impacts through lectures and events on campus.
- 2006-18 **Students for Ecological Design (SED).** Faculty advisor for UC student group focusing on bringing about positive environmental impacts through lectures and events on campus.

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ADMIN + SERVICE**UNIVERSITY - UC**

- SP11, 13, 15 **Tanzania Study Abroad** with Village Life Outreach Project for UC Honors students
- 2014-15 **UC Third Century, Pathway B Space Committee**, invited faculty member
- 2014-16 **PhD in Sustainability Committee**, co-Director with Professor David Stradling
- 2012-13 **Humanities Initiative**, invited faculty member
- 2011-14 **Sub-Saharan Africa Group**, invited faculty member
- 2007+ **President's Advisory Council on Environmental Sustainability**, (PACES) U of Cincinnati Steering committee member and faculty representative focusing on completing goals of the American College and University Presidents Climate Commitment campus-wide

COMMUNITY

- Fall 2020+ **Dallas Area Rapid Transit (DART) D2 Subway Project Advisory Board member**
Invited participant of Dallas AIA Board asked to review D2 Subway design project in downtown Dallas.
- Fall 2018+ **Texas Society of Architects, Chair of Community-Engaged Design Committee**
I was asked to create and lead a committee addressing community engagement in architectural practices in Texas. We have a core group of 10 and over 100 on our listserve.
- 2008-present **Roche Health Center Design Director**
I joined Village Life Outreach Project in 2008 and have been leading the design and construction of the Roche Health Center since that time. I have traveled to TZ seven times and VLOP has brought over 200 students from the University of Cincinnati
- 2009 - UC Graduate Architecture student Emily Roush does co-op in Tanzania with VLOP
- 2011 - Roche Health Center Clinic opened to the public. Won ACSA, NCARB and SEED awards
- 2015 - UC Graduate Architecture student Jesse Larkins does co-op in Tanzania with VLOP
- 2015 - Roche Health Center Duplex Doctors Housing opened
- 2016 - Local government brought electrical power to village of Roche
- 2017 - additional staff housing and infrastructure provided to support growing health center needs
- 2020 - leading design of Maternal Health Ward, scheduled to open 2022
- 2010-present **Village Life Outreach Project Board of Directors**
- Fall 2019 **Future Cities; Livable Futures conference, co-PI with Adrian Parr**
Conference on Watershed Urbanism with 14 speakers and 3 panel workshops. Held at the University of Texas at Arlington with ~180 registrants.
- Fall 2013 **Future Cities; Livable Futures conference, co-Director with Adrian Parr**
Conference on the Future of Cities with 13 speakers. Held at the CAC Cincinnati over 200 registrants. Interviewed on NPR with Adrian Parr.
- 11/04/11 **Cincinnati chapter of the American Institute of Architects (AIA)**
presentation on Zero-Energy Design.
- 2010 **Architecture for Humanity - Cincinnati Chapter (AFH)**
- 2009+ **Director of Roche Health Center Committee for VLOP**, leader for committee overseeing the design, construction and operation of the Roche Health Center.
- UC SAID NEW COURSE DEVELOPMENT**
- 2011 **Humanitarian Design**, interdisciplinary course through the Honors College, DAAP 310H scheduled for SP11. Took 12 students from UC to Tanzania in June 2011.
- 2007+ **SEC Tech 1 + 2**
- 2006+ **Environmental Technology 1 + 2**
- 2006-07 **Sustainability Integration into 2nd year studio SAID201 - Immersion**

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**PROFESSIONAL
MEMBERSHIPS**

2018+ **Texas Society of Architects member**
2018+ **American Institute of Architects member**
2018+ **Architectural Engineering Institute member**
2018+ **Architectural Engineering Institute Academic Council member**
2010-13 **Architecture for Humanity - Cincinnati Chapter (AFH)**
2010 AFH Cincinnati, OH founding Board Member
2000-09 **United States Green Building Council (USGBC)**
2006-09 Cincinnati, OH USGBC Board Member
2004-06 Savannah, GA USGBC member
2004+ **Society of Building Science Educators (SBSE)**
2007-09 Secretary / Treasurer for SBSE

REFERENCES

available upon request