



Faculty Accomplishments in Research, Scholarship, and Creative Activity January 1 to December 31, 2017

The Architecture Research and Design Center (ARDC) facilitates and coordinates research and design activities within the College of Architecture (CoA). The Center assists faculty and students in their research/scholarship/creative endeavors, serves as a liaison to other research centers and institutes, and provides architectural/research services to the community.

The ARDC is headed by the Associate Dean for Research of the CoA, and has one staff member. Physical resources include a fully equipped conference room and space for four research assistants. It also offers high definition laser scanning equipment, ground-penetrating radar, and GPS survey instruments, among others. ARDC showcases faculty research, scholarship, and creative activities and houses a permanent collection of faculty productions. A list of faculty expertise is also available.

In the calendar year 2017, CoA faculty have published one book, four book chapters, thirteen peer-reviewed journal articles, and eight conference proceedings. Faculty have presented eighteen peer-reviewed papers at national and international conferences and have given sixteen invited lectures in national and international venues. Faculty have exhibited their creative work in eighteen international and national venues.

Two of our faculty are involved in conducting ongoing research funded by the United States Department of Education for an HSI STEM Grant and by the Federal Democratic Republic of Ethiopia Ministry of Education for the International University Partnership for the Establishment of Postgraduate Programmes in Ethiopia. This funding exceeds \$6 million. Faculty have submitted fourteen proposals for funded research, nine of which were fully funded and totaling \$45,500.

Additionally, faculty have organized conferences and workshops nationally, served as peer reviewers of journal articles and books, and served as panelists, nominators, and editors. Faculty also exhibited the work of their students at the local First Friday Art Trail and other venues. Full details of their research related activities are presented in the following pages.

Clifton Ellis, Ph.D.,
Associate Dean for Research
Elizabeth Sasser Professor of Architectural History
College of Architecture



PUBLICATIONS

Books

Ellis, Clifton and Rebecca Ginsburg, eds. *Slavery in the City: Architecture and Landscapes of Urban Slavery in North America*. Charlottesville: University Press of Virginia, June, 2017.

Book Proposals

Buelinckx, Hendrika. *Women and the Architecture of the American West*, to the Trinity University Press. Dec. 2017.

Book Chapters

Rafael Beneytez-Duran: Laboratorio de Tizas: forma abierta y pedagogía experimental. Chalk Laboratory, “open” form and experimental pedagogy. Antonio Juárez Chicote, editor. Mirea Libros, 2017. Spanish /English Contributors: **Rafael Beneytez-Duran**, Jorge Oteiza, Arturo Blanco, Francisco del Corral del Campo, Clara Eslava Cabanellas, Antonio Juárez Chicote, Ángel Martínez García- Posada, Laura Martínez de Guereñu Elorza, Lucía C. Pérez Moreno, Fernando Rodríguez Ramírez, Elena Romero Sánchez, Mara Sánchez Llorens.

Ellis, Clifton, “Close Quarters: Masters and Slave Space in Eighteenth-Century Annapolis,” in Clifton Ellis and Rebecca Ginsburg, eds. *Slavery in the City: Architecture and Landscapes of Urban Slavery in North America*. Charlottesville: University Press of Virginia, June, 2017.

Park, Kuhn. “Between Responsive Architecture and Me,” *Future House 2020*, Seoul Metropolitan Government UIA 2017. Seoul, South Korea. 2017. Pp. 40-47.

Zook, Julie & Bafna, S. (2017). “The feel of space: Social and phenomenal staging in the Seattle Central Library.” In R.C. Dalton & C. Hoelscher (Eds.), *Take One Building: Interdisciplinary Perspectives on the Seattle Central Library*. Routledge/Ashgate: New York. 978-1-4724-7114-

Journal Articles

Colangelo, Jessica. “Pattern Practice: Beyond the Floral in Venturi, Rauch and Scott, Brown’s Best Products Showroom.” *Room One Thousand*, no. 6 (April 2018).

Besler, Erin, Jessica Colangelo, Sylvia Lavin, and Thomas Kelley. “Super Models.” *Pidgin Journal*, no. 23 (June 2018).

Colangelo, Jessica. “Manufacturing the Sublime at Niagara Falls.” *Pidgin Journal*, no. 22 (June 2017): 38-45.

Flueckiger, Upe. “A Plaidoyer For a Smaller Living,” *Arrendamento Mimarlik Magazine*, December, Issue 315, 2017. 89-93.

Haq, Saif and Girmay Berhie. “Space Syntax investigation of Lubbock, a grid-like American city and some insights into isotropic layouts,” *Journal of Urban Design*, Vol 23 (1), Published online: 04 Oct 2017. (H_index 31, see <http://www.scimagojr.com/journalsearch.php?q=13953&tip=sid>)



Berhie, Girmay and Saif Haq. "Land Use and Transport Mode choices: Space Syntax Analysis of American Cities," *ENQUIRY, A Journal for Architectural Research*, Vol 14 (1): pp. 1-22 (see <http://www.arcc-journal.org/index.php/arccjournal/article/view/429>)

Mantz, Ophelia. "Tobogan House Technical Details" *DETAIL '18. IW Magazine*. Special Issue 2018 (Chinese International Magazine). October 2017. Pages 44-49.

Mantz, Ophelia. "Tobogan House Details," *ARCHITECTURE AND CULTURE*. N248, "House" (Korean international Magazine). January 2017. Pages 144-153.

McReynolds, Victoria. "Territorio Compartido: Casapoli Residencias," *Cycle 2016*. September 2017.p. 1.

Neiman, Bennett. "Poetic potential of form•Z." formZ User Spotlight, AutoDesSys, Inc. Columbus http://www.formz.com/home/user_story14.html August 2017.

Abigail Friendly and **Kristine Stiphany** "Paradigm or Paradox? The Cumbersome Impasse of the Participatory Turn in Brazilian Planning." *Urban Studies*. Forthcoming.

Kristine Stiphany and Peter M. Ward. "Autogestao in an Era of Mass Social Housing: The Case of Minha Casa Minha Vida-Entidades in Sao Paulo. Brazil" In *International Journal of Housing Policy*. Special Issue : Irene Molina, Darinka Czischke, Raquel Rolnn, eds. Revised and Resubmitted 12/22/2017.

Zook, Julie. "Cut to the pool." In J. Bonner (Ed.) *Art Papers*, 41(1), 8-9.

Conference Proceedings

Berhie, Girmay and Saif Haq. "Locational preferences and transportation mode choices of different socio-economic groups in the US: A Space Syntax included case study of two gridded and two nongridded US cities," *Proceedings of 11th International Space Syntax Symposium*, Lisbon, Portugal, Teresa Heitor, Miguel Serra, Joao Pinelo Silva, Maria Bacharel and Luisa Cannas da Silva, editors, Instituto Superior Técnico, Departamento de Engenharia Civil, Arquitetura e Georrecursos, Portugal, Publisher

Isern, David J. "AEROTROPOLIS: Its History and Evolution of airports as situational places of autonomous congestion," Full Paper, *Association of Collegiate Schools of Architecture [ACSA]*, 2017 Fall Conference; Marfa, Texas. [Blind-peer reviewed abstract accepted, 31% acceptance rate - publication forthcoming.]

Peter S. Raab. *The Beginning is Place*. Full Paper, 2017 *International Conference for Building Technology Educator's Society [BTES] Proceedings*, p. 257 - 262. June 09, 2017. Double-blind abstract + paper accepted [50% acceptance rate]

Peter S. Raab + Rafael Beneytez-Duran. *Towards New Notions of Geography*. Full Paper, *Association of Collegiate Schools of Architecture [ACSA]* 2016 Fall Conference, Blind-peer reviewed abstract accepted [31% acceptance rate] – *Publication forthcoming*.



Shacklette, Ben. “Contingent Contexts in the German Country Schools of Gillespie County, Texas.” *ARCC-Architectural Research Centers Consortium 2017 Conference*, June 14-17, 2017 University of Utah College of Architecture + Planning.

Shacklette, Ben. “*Vernacular Proximities: The German Folk Architecture of the Rural Country Common Schools of the Texas Hill Country*” *ACSA-Association of Collegiate Schools of Architecture Fall Conference, Crossing Between the Proximate and the Remote*, Marfa, Texas October 12-14, 2017, Abstract Submitted May 3, 2017 (not accepted)

Shacklette, Ben. “*The German Country School Pavilions of Gillespie County Texas*”, *SAH-Society of Architectural Historians 2018 Annual International Conference* April 18–22 Saint Paul, Minnesota, Abstract Submitted June 14, 2017(not accepted)

Zook, Julie. “Spatial schemata in museum floorplans,” In T. Heitor et al. (Eds.) *Proceedings of the 11th Space Syntax Symposium*. 35.1-35.11. Lisbon: Instituto Superior Técnico, Departamento de Engenharia Civil, Arquitetura e Georrecursos.

Reports

Stiphany, Kristine. Technical Report and Project Publication, Final Report, The National Science Foundation. #15 13395. 12/01/2017

White, John. Documentation Gov. Coke Stevenson Ranch House and Log Cabin, Telegraph, Kimble County, Texas. Historic Structures Report, Measured drawings. Co-PI Dr. Elizabeth Loudon, Collaboration with Southwest Collection Library, Texas Tech University, \$6,500. Drawings completed and submitted to Library of Congress Archives and entered drawings into Peterson Prize for best set of measured drawings by students in U.S. Schools of Architecture and to the Kenneth L. Anderson, Jr. Prize for the best set of drawings in a Texas School of Architecture. Prize winner announced in June 2018.

White, John. Texas Tech University Administration Building, preparation Recorded Texas Landmark Historical Marker nomination, Texas Technological College (Texas Tech University) Research and assemble history and historic photographs supporting nomination. In progress.

Citations in Peer-Reviewed Journals and Books

Haq, Saif. 43 citations



Peer Reviewed Presentations

Beneytez-Duran, Rafael and Taylor, Chris. "Lubbock Scapes Collective: Interdisciplinarity in the Mediation of SCAPE." (Roundtable) *CÉFIRO 2017: 18th Annual Conference*, Texas Tech University, Lubbock, Texas (March 30 - April 1, 2017) in collaboration with Curtis Bauer, Idoia Elola, Susan Larson, and Kenton Wilkinson.

Beneytez-Duran, Rafael and Chris Taylor. "Lubbock Scapes Collective Manifesto: situated knowledge in local matters and global conditions." *Association of Collegiate Schools of Architecture Fall Conference*, Marfa, Texas (13 October 2017) in collaboration with Curtis Bauer, Idoia Elola, Susan Larson, and Kenton Wilkinson.

Beneytez-Duran, Rafael and Peter Raab. "Towards a new Notion of Geography" ." *Association of Collegiate Schools of Architecture Fall Conference*, Marfa, Texas (13 October 2017)

Gonzalez, Robert. "An Architecture School of the U.S.-Mexico Border," ACSA Administrators Conference, Albuquerque, TX, November 2-4, 2017.

Isern, David J. "AEROTROPOLIS: Airport as situational places of autonomous congestion," Paper presentation at the Association of Collegiate Schools of Architecture [ACSA], 2017 Fall Conference; Marfa, Texas. Oct. 12-14, 2017.

Park, Kuhn with Prof. Wei Dong. OPEN⁵.js: Motion Graphics 运动图形, Advertisement Museum of China, Beijing, China, Mar 20th ~ Apr 9th 2017.

Park, Kuhn. "System of Changsin 창신의 체계," Changseong-dong Laboratory Gallery, Seoul, South Korea, July 4th ~ 17th 2017

Park, Kuhn. "Future House 2020," *UIA 2017 Seoul World Architects Congress* (Union Internationale des Architectes), Mapo Oil Tank Culture Park, Seoul, South Korea, September 1-30, 2017

Peter S. Raab + Rafael Beneytez-Duran, "Finding Cultural Sustainability In Architectural Construction." *Association of Collegiate Schools of Architecture 2017 Fall Conference* Marfa, TX. October 13, 2017.

Peter S. Raab, "The Beginning is Place," *International Conference for the Building Technology Educator's Society*, Ames, IA. June 9, 2017. Presented by Ismael Olivares.

Shacklette, Ben. "Designed for Repair-ability: Learning from the German Country Schools of Gillespie County, Texas" *ACSA-Association of Collegiate Schools of Architecture 106th Annual Meeting, The Ethical Imperative*, March 15- 17, 2018 Denver, Colorado, Initial Full Paper Submitted October 3, 2017-Notification of acceptance received December 12, 2017



Shacklette, Ben. "The Impact of Political Transition on the Traditions of Place: The Vernacular German Country Schools of Gillespie County, Texas." *16th Biennial Conference of the International Association for the Study of Traditional Environments IASTE 2018: The Politics of Tradition*, October 4-7, 2018, Coimbra, Portugal

Shacklette, Ben. "An Enduring Legacy of Cultural Relevance: The History of the Rural German Public Free Schools of Gillespie County Texas" *18th Annual Schoolhouse Conference CSAA-Country School Association of America, "Free People, Free Land, and Free School."* Southeast Community College and Homestead National Monument of America, Beatrice, Nebraska June 17th-20th, 2018, Abstract Submitted November 27, 2017-Notification of acceptance received December 30, 2017 (see item 3 in the appendix)

Shacklette, Ben. "Communal Structures: Two German Country Schools of Gillespie County, Texas" *VAF-Vernacular Architecture Forum 2017 Annual Meeting*, Salt Lake City, Utah, May 31-June 3, 2017.

Taylor, Chris. "Learning from Land Arts: deep and immediate temporal crossings." *Association of Collegiate Schools of Architecture Fall Conference*, Marfa, Texas (13 October 2017).

Zook, Julie. "Spatial Schemata in Museum Floorplans." Presented at the *11th International Space Syntax Symposium*, Lisbon, July 4-7, 2017.

Zook, Julie & Ossmann, M., & Kazem-Zadeh, M. "Hospital corridor system growth, complexity, & user experience." Presented at the *Healthcare Design Conference and Expo*, Orlando, November 11-14, 2017.

Zook, Julie & Peavey, E. "Cross Professional Communication in Hospital Corridors." Presented at the *Environmental Design and Research Association Conference*, Madison, May 29-31, 2017.

Directed Student Work Resulting in Peer-Reviewed Awards and Publications

Olivares, Ismael. "Earth + Form: Experience Paper Presentation," *2017 International Conference for Building Technology Educator's Society [BTES]*. Student paper from Independent Study, fall 2016. **Peter Raab**, Faculty Director. Presented June, 2017. Published in Proceedings.

Olivares, Ismael. "ReForm: re-invention through typological dissections." Project Poster, 2017 Architectural Research Centers Consortium [ARCC]. Student project from Independent Study, fall 2016. **Peter Raab**, Faculty Director Presented June, 2017. Project mentioned in Proceedings.



Invited Lectures

Beneytez-Duran, Rafael. Materiales, COAM. Colegio Oficial de Arquitectos de Madrid. (Equivalent to AIA or any other national of professional institutions) with Carlos Arroyo and Esteban Penelas. "Tobogan House Technological Description and Challenges" February 2017. Projection of the video and phone conference.

Bulinckx, Hendrika. Guest Speaker. Presentation. *Women and Architecture*. Event of the Shape the Conversation Exhibits and Events- 08Feb-02March-AIA-Austin Chapter, xx, Austin, TX. Feb. 2017. Exhibit was curated by former students. (see Attachment)

Bulinckx, Hendrika. Roundtable Discussion Leader. "*Let's Start the Conversation,*" Austin, Texas. Feb. 2017. Participants included representatives of Austin-based firms such as Jana McCann, FAIA; J. Orr, Principal of Studio Balcone; H. McKinney, FAIA, LEED AP BC+C Principal of McKinney York Architects, and Emily Little, FAIA, Principal of Claryton & Little Architects and others.

Flueckiger, Upe. Invited to talk about his recent book *How Much House?* University of Southern Mississippi as part of the Lecture Series "*Craft of Construction*" Lecture entitled: *How much House?* Room 9. Thursday February 9th 2017, Hattiesburg, MS.

Park, Kuhn. "Architecture, Robotics & Design," *Korea Association of NeuroArchitecture*, Seoul, South Korea, Aug 19, 2017

Shacklette, Ben. "Architectural Freehand Drawing: A One-Hour Short Course" *Tech University WKMC Architects August 3, 2017*, Sponsored by Del Mar College, Corpus Christi, Texas,

Stiphany, Kristine. "Citizen-Sourced Data: Measuring Housing in Brazilian Informal Settlements." The University of Texas at Austin *Hemispheres Summer Institute*. June 9. Austin, Texas.

Stiphany, Kristine. "Brazil's Minha Casa M111ha Vida IMCMV Housing Program." Peter M. Ward, organizer. *Beyond 2016 UN-Habitat III -- Whither Latin American Housing Practices & Policies?* The LBJ School of Public Policy. The University of Texas at Austin. March 24. Austin, Texas.

Taylor, Chris. "Land Actions and Queries." University of Arizona, School of Architecture, Tucson Museum of Art, Tucson, Arizona (2 October 2017).

Watkins, James. "Brickyard Ceramic," Lecture and Workshop, Indianapolis, Indiana, August 19-20.

Watkins, James. Kalamazoo Institute of Art, Lecture and Workshop, Kalamazoo, Michigan, January 28-29.

Watkins, James. West Chester University, Lecture and Workshop, West Chester, Pennsylvania, March 5-8.



Watkins, James. Burnaby Art Gallery, Semiahmoo Art Studio and the Canadian Symposium, Shadbolt Center for the Arts, Lecture and Workshop, Burnaby, B.C. Canada, March 17-19.

Watkins, James. Cornell Studio, Lecture and Workshop, Dayton, Ohio July 9-11.

Watkins, James. Biennial: Mid Atlantic Clay Conference, Lecture and Workshop, Front Royal, Virginia, October 5-7.

Watkins, James. Hill Country Center, Texas Tech University, Workshop and Lecture Fredericksburg, Texas, September 28-30.

Peer-Reviewed Exhibitions

Rafael Beneytez-Duran: *Spanish Architecture.* Tokyo, Japan, Spanish Embassy, Ministerio de Cultura. Curated by Imagen Subliminal, Jacobo Garcia German, Miguel de Guzman. October 2017

Rafael Beneytez-Duran: *International Young Architects.* Washington DC, USA. Ministerio de Cultura de España, Fundación ICO. Curated by Edgar Gonzalez. April 2017. "Export".

Rafael Beneytez-Duran: *International Young Architects.* Bucharest, Romania. Ministerio de Cultura de España, Fundación ICO. Curated by Edgar Gonzalez. May 2017.

Rafael Beneytez-Duran: ICONNO Gallery. Madrid. Selected by Marta Galan. Participation with the project: *Tobogan House* November 2017. *Build the Environment*

Besler, Erin, and **Colangelo, Jessica**, and Lavin, Sylvia, and Kelley, Thomas. *Super Models.* Chicago Architecture Biennial, 2nd Annual (September 2017-January 2018).

Besler, Erin, and **Colangelo, Jessica**, and Lavin, Sylvia, and Kelley, Thomas. *Exhibition Models.* Chicago Architecture Biennial, 2nd Annual (September 2017-October 2018).

Davis, James, West Texas Watercolor Society Fall 2017 Exhibit, Buddy Holly Fane Arts Center, Lubbock, TX, Judged, Exhibited: *High Road*, November 2017.

Isern, David J. *Amplitud de Lima y sus Barriadas.* Colegio de Arquitectos del Peru, Lima, Peru. An exhibition that featured research and project proposals of the interpretation of shanty-towns in Lima, Peru, and the economic effects it has in the urban social-spatial development.

Stiphany, Kristine. *Building Brazil.* Photography. Biennial 600: Architecture. Amarillo Museum of Art, July 14 – October 1. Amarillo, Teas.

Watkins, James. Baltimore Clayworks, *People of Color. People of Clay,* Group Exhibition, Baltimore, Maryland, May 6 – July 1.



Watkins, James. Biennial: Mid Atlantic Clay Conference, Group Exhibition, Front Royal, Virginia, October 5-7.

Watkins, James. Nave Museum, *Seven Ceramic Artists*. Group Invitational Exhibition, Victoria, Texas. January 19 – March 12.

Watkins, James. Kalamazoo Institute of Art Museum, *Masters of Clay*, Permanent Collection exhibition. Kalamazoo, Michigan. January 3 – March 1.

Watkins, James. West Chester University, One-Person Exhibition, West Chester, Pennsylvania. October 5-30.

Watkins, James. Burnaby Art Gallery, Semiahmoo Art Studio and the Canadian Clay Symposium, Shadbolt Center for the Arts, Burnaby, B.C. Canada, Group Invitational exhibition, March 17-19.

Watkins, James. Hana's Gallery, Invitational Group Exhibition, Fredericksburg, Texas, September 28-30.

F u n d e d R e s e a r c h

Ongoing Funded Research

Joe Aranha: Stephen Ekwaro-Osire - Lead Principal Investigator – Dept. of Mechanical Engineering. Joseph Aranha - Principal Investigator, Along with 5 other Principal Investigators (allocation credit 5% of a total \$624,464) Sponsoring Agency: Federal Democratic Republic of Ethiopia Ministry of Education Title: International University Partnership in the Establishment of Postgraduate Programmes in Ethiopia.

Joe Aranha : Stephen Ekwaro-Osire - Lead Principal Investigator – Dept. of Mechanical Engineering Joseph Aranha - Principal Investigator, Along with 5 other Principal Investigators (allocation credit 15% of a total \$221,054) Sponsoring Agency: Federal Democratic Republic of Ethiopia Ministry of Education Title: International University Partnership in the Establishment of Postgraduate Programmes in Ethiopia.

Gonzalez, Robert. Principal Investigator for the \$5.9 million Department of Education HSI STEM Grant.

Grants and Fellowships

Joe Aranha: “Field study/documentation and archival research of use of the city and transformation of urban spaces in Seville, Spain during Holy Week (Semana Santa) and Corpus Christi.”
COA Research Funds for travel and equipment, \$2,000
TTU Scholarship Catalyst Program Grant for travel to Seville, Spain \$2770

Rafael Beneytez-Duran: Graham Foundation for Individuals 2017. (Not funded) “No Molds but Modulators” proposal for a book. The project surveys a new opportunity to revisit the history and present sensibilities of “nonobjectual architectures” based in a hidden manifest and a new theory of form and information. The grant would be used for travel costs and authors interviews.

Rafael Beneytez-Duran: Scholarship Catalyst Program 2018, submitted in Nov. 2017. Request pending. “No Molds but Modulators” proposal for a book. The project surveys a new opportunity to revisit the



history and present sensibilities of “nonobjetual architectures” based in a hidden manifest and a new theory of form and information. The grant will be used for travel costs and authors interviews.

Shacklette, B. “*The German Country Schools of Gillespie County, Texas*” CH Foundation, Inc., 2018 Preliminary Proposal for 2019 Funding, amount: \$10,015.00

Shacklette, B. “*The German Country Schools of Gillespie County, Texas*” Helen Jones Foundation, Inc., 2018 Preliminary Proposal for 2019 Funding, request amount: \$10, 015.00 Preliminary Proposal Submitted November 20, 2017 (not accepted)

Taylor, Chris. “Military Entropic Research Network: Investigative arts practices in the landscapes of warfare, defence and training.” Application for funding to Arts and Humanities Council, United Kingdom by Kingston University. **PI:** Matthew Flintham, ECR Fellow, Faculty of Art, Design and Architecture, Kingston University. (not funded)

Taylor, Chris. Fundraising for Land Arts of the America West

Andrea Nasher. “Operational support for Land Arts of the American West.”	\$11,000
James Family Foundation. “Land Arts of the American West Scholarships.”	\$7,000
Art Table. “Operational support for Land Arts of the American West.”	\$10,000
Ellen Donahue. “Operational support for Land Arts of the American West.”	\$300
Amy Wolfe. “Operational support for Land Arts of the American West.”	\$1,000

Peter S. Raab. *Integrative Design Models for Architectural Education.*: Big XII Faculty Fellowship, awarded by Texas Tech University to visit Iowa State University and document several contemporary architectural projects. Award amount: \$2,000.

Julie Zook: “Examining the Links between Emergency Department Performance and Design: The Emergency Department Design and Performance Database.”

Funding Agency: Facility Guidelines Institute

Julie Zook - Lead Principal Investigator

\$ 17,046

Julie Zook: “A Multiple Case Study of Emergency Department Performance and Design”

Julie Zook - Lead Principal Investigator

Funding Agency: The Center for Health Design

\$ 10,000

Zook, Julie. “The flow of city life in film.” Texas Tech Humanities Center. \$2000. To support the early development of a book

Zook, Julie. “Identity and resistance in global contexts” Principal Investigator, Alec Cattell. Texas Tech Center for Global Communication. \$30,000. To support an undergraduate research event in conjunction with classes taught in by the investigators (six faculty from various departments at Texas Tech).

Zook, Julie. “A Multiple Case Study of Emergency Department Performance and Design.” Facilities Guidelines Institute Burgun Fellowship. \$17,046 (not funded)



Zook, Julie. Getting It Together: An Evidence-Based Benchmarking Database and Dashboard on Intensive Care Unit Design to Support Staff Performance. Center for Health New Investigator Award. \$10,000 (not funded)

Honors and Awards

Upe Flueckiger, Inducted into the Texas Tech University Teaching Academy, 2017

Upe Flueckiger , Awarded Florian A. Kleinschmidt Award by the Texas Tech Architecture Alumni Association to recognize individuals who have attained distinguished achievements in their careers, in their careers and who, because of the special qualities of those achievements, have represented Texas Tech University in an exemplary manner 2017. TTU Alumni Reception, Texas Society of Architects Convention, Austin, Texas, Thursday, November 9, 2017.

Gonzalez, Manuel, Received the Merit Award in Printmaking, from the ArtCenter of Corpus Christi,

Park, Kuhn. Rejuvenation, Excellence Award by the Executive Committee of BIACF and the President of the Korean Institute of Architects, Busan, South Korea, Aug 5th 2017 (with students: Miyuki Sakuyama from Kanto Gakuin Univ. Japan, Yujin Xue from Tongji Univ. China, and Donggkeong Lee from Busan National Univ. South Korea)

Recognition and Publicity

Rafael Beneytez-Duran: Casa en Madrid. The Tobogan House is published on Front page and pages 28-33. Includes a critical writing on the house by Anton Capitel, writer on architecture critic, full professor at ETSAM and RIBA awarded Scholar.

Beneytez-Duran, Rafael and Ophelia Mantz. EL PAIS. Main Spanish Daily Newspaper. 23 Abril 2017. On Tobogan House, Critic essay by Anatxu Zabalbeascoa.

Flueckiger, Upe. "Room for Thought." Review by Mark Gunderson of *How Much House: Thoreau, Le Corbusier, and the Sustainable Cabin*, In *Texas Architect Magazine* May/June Issue 2017, Volume 67 Number 3, P. 18, 21.

Flueckiger, Upe. "Cabin Fever." Review by Avinash Rajagopal of *How Much House: Thoreau, Le Corbusier, and the Sustainable Cabin*, In *Metropolis Magazine* Section Spectrum, March, 2017, P. 33-34.

Flueckiger, Upe. NPR 89.1 KTTZ Lubbock Interview of Upe Flueckiger by Clint Barrick, on Prof. Flueckiger's book *How Much House: Thoreau, Le Corbusier, and the Sustainable Cabin* of " _ Aired on: Monday Wednesday March 22, 2017, 2017 09:00 AM, part of the Radio Magazine [The Front Row](#).

Flueckiger, Upe. Book review and interview by Krin Salm of Prof. Flueckiger, author of *How Much House: Thoreau, Le Corbusier, and the Sustainable Cabin*. Swiss-German National Public Radio's



program Small home Happiness Alone. Aired on: Tuesday January 03, 2017 5:06PM Swiss Time, part of [Kultur Kompakt](#) Website. Selected text, photographs by Urs Peter Flueckiger. Link to [Audio](#): Book review between minute 17:00 through 21:00.

Flueckiger, Upe. Book review and interview by Linn Levy of Prof. Flueckiger, author of *How Much House: Thoreau, Le Corbusier, and the Sustainable Cabin*. Swiss-French National Public Radio. Aired on: Monday February 06, 2017 04:30 PM Swiss Time, part of Radio Magazine [Vertigo](#).

Saif Haq: Directed students who won **1st Prize in the Healthcare AIA-SES student competition** (Lauren Saab, Ryan Chapman, Karla Perez), Houston, TX. Feb. 16, 2017

Mantz, Ophelia. ARQUINE Magazine. N79 Special Issue "Futures" Mexican International Magazine edited and curated in Mexico City. The most reputed Mexican Magazine on Architecture. Spring 2017, Curated Issue Including Rafael Beneytez-Duran + Ophelia Mantz Office: Z4A + Z4Z4 Tobogan House project with projects of: OMA, Foster + Partners, Jean Nouvel, Jungya.ishigami + Associates, Lacaton & Vassal, achitecten de vylder vinck taillieu, Studio Odile Decq, Kere Architecture, Diller Scofidio + Renfro. Invited by Miguel Adria, Essay of Miguel Adria. 6 Pages. 52-57.

Mantz, Ophelia. *C3 Magazine*. N387, "An Ecology of living. Green Future". Korean International Magazine edited in Korea. The second most reputed Korean Magazine on Architecture. Spring 2017. Essay on the House by Simo Corda. Invited by JiMin Lee. 1+16 Pages 111 & 114-129.

Neiman, Bennett. *Improvisational Assemblages*. a series of digital design experimentations employing order and variation on a them, created between 1/1/17 - 9/13/17. 88 photomontage collages; 70 drawing-based collages. Posted to Instagram. number of followers increased from 270 to 2500. <https://www.instagram.com/bennettneiman/>

Taylor, Chris. Citations in Film:

Through the Repellent Fence: A Land Arts Film. Dir. Sam Wainwright Douglas. Documentary featuring Postcommodity also including Lucy Lippard, Matt Coolidge of the Center for Land Use Interpretation and Chris Taylor of Land Arts of the American West at Texas Tech. Premiere at the [Museum of Modern Art Doc Fortnight Festival](#) with additional screenings at SXSW 2017, Full Frame Documentary Film Fest, Sarasota Film Festival, Scottsdale Museum of Contemporary Art, and Texas Tech University, <http://throughtherepellentfence.com>

Taylor, Chris. Citations in Books, Catalogs, Journals, and Magazines:

Janoff, Liz. "[Land Arts of the American West: creating a new framework for field research.](#)" Art & Education (6 Sep 2017).

Taylor, Chris. Cohen, Jason. "[There and Back Again: the return of Terry Allen.](#)" *Texas Monthly* (13 Jan 2017).

Taylor, Chris. Citations on Radio:

Blaney, Betsy. "[Inside Texas Tech: Land Arts, Visiting the Beautiful But Deadly.](#)" KTTZ 20 October 2017. <http://radio.kttz.org/post/itt-land-arts-visiting-beautiful-deadly>

Blaney, Betsy. "[Inside Texas Tech: Land Arts, A Transformative Semester.](#)" KTTZ 18 October 2017. <http://radio.kttz.org/post/inside-texas-tech-land-arts-transformative-semester>



Watkins, James. *Ceramics Monthly*, "People of Color. People of Clay," (Exposure), Photo, May issue, p. 16.

Watkins, James. *The Road to Junction: Making Art – Teaching Art*, by Future Akins and Ed Check, Kendall Hunt Publication, Pages 216-217

Watkins, James. *Village News/Southwest News*, Huston, Texas, Profile/Interview by Paul Sidello. August 1st, Page 4.

Watkins, James. Profile/Interview by Kristen Barton, <http://today.ttu.edu/posts/2017/02/james-watkins>



EQUIPMENT AVAILABLE IN THE ARDC

3D Laser Scanner(s)



Leica HDS 3000 is a high definition laser scanner for the documentation of communities, historical architecture and archaeology. Uses include the collection of 3D point cloud data for historical structures documentation such as the Statue of Liberty and high definition documentation of archaeological sites such as Mesa Verde National Park.

Leica Scan Station C10 is an upgrade to the HDS 3000. This equipment includes the functionality of an optical total station which allows users to traverse, resection or use scan targets for maximum flexibility in dealing with site logistics. It also conducts general 360° and focused areas scans faster, can be setup & moved faster, lets users locate targets, register & geo-reference faster, and lets users check scan results faster.

<http://today.ttu.edu/2012/11/school-of-architecture-acquires-state-of-the-art-equipment/>

Global Positioning System (GPS) Survey Equipment

Trimble survey grade GPS is for site and structure documentation. Uses include positioning data set for inclusion into Geographical Information Systems (GIS) and surveying of architectural and archaeological sites. This is usually used in conjunction with the 3D laser scanner (Leica HDS 3000) on documentation projects to give survey co-ordinates to the point cloud data gathered by the scanner.

Optical Total Station (Survey Equipment)

This **Leica survey instrument** is for the documentation of architecture and communities. Uses include establishing control grids for the documentation of architecture, communities and archaeology. This is typically used in conjunction with the GPS survey equipment in our historical documentation projects.

Creaform Handheld 3D Scanner

The Creaform handheld 3D Scanner is a portable, high resolution (sub-millimeter) scanner. Uses include 3D scanning of existing objects, 3D archiving, complex shape acquisition, measurements archiving, digital models and mock-ups and rapid prototyping.

FLIR Infrared Camera

The FLIR Infrared Camera captures images in the infrared spectrum allowing the user to detect the difference in temperature between an area and its surroundings. The FLIR infrared camera is an excellent, non-contact, tool for Building Diagnostics, Energy Audits, Moisture Detection, and Restoration & Remediation.

Ground Penetrating Radar

The ground penetrating radar system uses radar pulses to image the subsurface. GPR can be used in a variety of media, including rock, soil, ice, fresh water, pavements and structures. It can detect objects, changes in material, and voids and cracks. Applications include nondestructive testing (NDT) of structures and pavements, locating buried structures and utility lines, and studying soils and bedrock. In environmental remediation, GPR is used to define landfills, contaminant plumes, and other remediation sites.



FACULTY EXPERTISE

Faculty	Primary Research Focus	Other Research Areas	Other Research Areas	Other Research Areas	Other Research Areas
Aranha, Joseph	Vernacular architecture	Non-Western Architecture	Climate responsive architecture	Meaning and symbolism in architecture	
Beneytez-Duran, Rafael	Atmospheric Architectural Events				
Buelinckx, Hendrika	Formal design theory and methods	Visual spatial literacy	Shape algebra's and grammars	Women in architecture	Architectural theory
Davis, Jimmy	Architectural Rendering /delineation / illustration	Watercolor	Art	Photography	
Driskill, David	Urban Design	Sustainability	Programming	Community Design	
Colangelo, Jessica	Urbanism	Environmental Aesthetics	Sustainability		
Ellis, Clifton	Cultural Landscapes	Antebellum South	Slavery	Domesticity	Renaissance & Enlightenment
Fairbette, La Gina	Creative Process	Mural Painting	Design Communication	Freehand Drawing	
Flueckiger Urs Peter	Architectural Design	Economical ecological Architecture and Sustainable Design	Design Build	Architectural Drawing	Architectural Drawing
Glassell, Mari Michael	Urban Theory and Design	Urban Diagnostics	Multi-Family Housing / Density	Adaptive Re-Use	Foundation Design Studio
Gonzales, Manuel	Drawing and Painting	Digital Media	Mixed Media	Alternative Print Making	Photo Process
Gonzales, Robert	American History	Latin American Architecture	Border Architecture	Design	American Studies
Haq, Saif	Spatial Cognition	Space Syntax	Architecture and Urban Theory	Non Western Architecture	Health Care Facilities Design
Hill, Glenn	Energy + Design	Visualization	General Systems Theory	Computer Simulation of Buildings	Integrated Architecture



Isern, David	Urbanism	Urban Mapping	Theory	History of Architecture	
Kripa, Ersela	Hackable Infrastructures and Public Space for Equitable Cities	Military, security, surveillance and their effects on urban environments	US-Mexico border urban research through invisible vectors of environmental issues	Digital fabrication tools and material processing in service of affordable constructions	Empowering women in architecture
Mantz, Ophelia	Environment and Architecture	Sustainability			
McReynolds, Victoria	Installations	Terrain vague	Memory space	Design pedagogy	Steps and stairs
Meuller, Stephen	Security and Public Space	Emerging Technologies	Military Urbanism	Urban Morphometrics	
Neiman, Bennett	Design	Process	Improvisation	Imagination	Creativity
Park, Kuhn	Computational Design	Building Information Modeling	Information Envisioning	Digital Media Arts	Physical Computing
Perl, Robert	Architecture	Design Methods	Sustainability	Design Thinking	Visualization
Raab, Peter	Architectural Design + Fabrication	Construction	Structural Analysis	Design-Build	Sustainability
Rigau, Armando	Architecture and Philosophy	Formal Analysis	Materials	History in Architecture	Research in Concrete
Shacklette, Ben	Architectural design	Participatory processes in community design	Vernacular Architecture of the American Southwest	Service learning and Community Engagement	Architectural Drawing and Freehand Sketching
Sharpless, Charles	Architecture Design	Representation	Curation	Historic Preservation	
Smith, Gary	Historic Preservation	Historic Structures Reports	Documentation	Adaptive Use	Ethics
Stiphany, Kristine	Latin American Architecture and Urbanism	Housing and Infrastructure	International Development Policy	Civic Data for Critical Urban Mapping	
Taylor, Chris	Embodied fieldwork	Land art / earthworks	Interdisciplinary practice	Design-build	Design pedagogy
Torres Macdonald, Mary Alice	Community Design	Urban Design	Downtown Revitalization	Historic Preservation	Architecture



Wade, Derrick	Sensory design	Local government	Client relationships	Residential design and construction	Cold climate sustainable design
Watkins, James	Free Hand Drawing	Water Color	Architectural Ceramics	Ceramic Art	
White, Jim	Housing	Accessibility	Site design	Materials and methods	
White, John	Historic Preservation	Architecture	Adaptive Use		
Zook, Julie	Spatial morphology	Health & healthcare	Urbanism	Design and visual narrative	Spatial perception and cognition
Zugay, Brian	Churches	Religious Architecture	American Architecture		