

**ahmed k. ali, m.arch. ph.d.**

Associate Professor of Architecture  
Associate Department Head for Professional Programs  
Director // Resource-Based Design Research Lab (RBDR/Lab)  
Holder of the Harold L. Adams '61 Endowed Professorship of Architecture

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***CURRICULUM VITAE***

*February 28, 2022*

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## EDUCATION

- 2012 **Ph.D. in Architecture and Design Research**  
School of Architecture + Design  
College of Architecture and Urban Studies, Virginia Tech, Blacksburg, Virginia,  
United States.
- 2012 **Master of Science in Architecture** (Building Science & Construction Track)  
School of Architecture + Design  
College of Architecture and Urban Studies, Virginia Tech, Blacksburg, Virginia,  
United States.
- 2004 **Master of Architecture** with Honors | Thesis Book Award Recipient  
School of Architecture + Design  
College of Architecture and Urban Studies, Virginia Tech, Blacksburg, Virginia,  
United States.
- 1997 **Bachelor of Fine Arts in Architecture** with Distinction  
Department of Architecture, Faculty of Fine Arts  
Alexandria University  
Egypt.
- 1986 **Scuola Primaria (sezione asilo-elementari) Diploma**  
Istituto Don Bosco Alessandria.  
Egypt

## PROFESSIONAL REGISTRATION

- 1997–Present **Registered Architect (RA)**, License Number 13/04169  
Egypt Engineers Syndicate, Architecture Section (EES-ARCH) Alexandria, Egypt.

## ACADEMIC APPOINTMENTS

- 2021–Present **Associate Department Head for Professional Programs**  
Department of Architecture, College of Architecture, Texas A&M University,  
College Station, Texas, United States.  
*Holder of the Harold L. Adams '61 Endowed Professorship of Architecture*
- 2021–Present **Associate Professor of Architecture** (Tenured)  
Department of Architecture, College of Architecture, Texas A&M University,  
College Station, Texas, United States.  
*Director // Resource-Based Design Research Lab (RBDR/Lab)*
- 2015–2020 **Assistant Professor of Architecture** (Tenure Track)  
Department of Architecture, College of Architecture, Texas A&M University,  
College Station, Texas, United States.  
*Founder and Director // Resource-Based Design Research Lab (RBDR/Lab)*  
*TAMU and US BCSD Memorandum of Understanding "From Waste to Opportunity"*  
*College of Architecture, Texas A&M University and United States Business Council*  
*for Sustainable Development (US BCSD).*

- 2013–2014 **Assistant Professor of Architecture**  
Department of Architecture, Faculty of Art, Design, and Architecture,  
Bilkent University, Ankara, Turkey.  
*Director, Building Technology, Fabrication and Materials Lab (BT-FML)*  
*Program Founder and Leader, Study Abroad in Italy*
- 2012–2013 **Adjunct Research Professor**  
School of Architecture + Design | Department of Building Construction  
College of Architecture and Urban Studies, Virginia Tech, Virginia, United States.
- 2004–2009 **Adjunct Professor of Architecture**  
School of Architecture + Design  
College of Architecture and Urban Studies, Virginia Tech, Virginia, United States.  
*Program Leader, Summer Study Abroad in Egypt*
- 2007–2010 **Visiting Assistant Professor of Architecture**  
Department of Architectural Engineering and Environmental Design, Arab  
Academy for Science and Technology (AAST), Alexandria, Egypt.  
*Program Director, Summer Study Abroad in Egypt*
- 1998–2001 **Instructor of Architecture**  
Department of Architecture, Faculty of Fine Arts, Alexandria University, Alexandria,  
Egypt.

## PROFESSIONAL EXPERIENCE

- 2012–2013 **Research Associate**  
Center for Sustainable Mobility, Virginia Tech Transportation Institute, Virginia  
Tech, Blacksburg, Virginia, United States.
- 2003–2009 **Designer and Architect Intern**  
Hanbury Evans Wright Vlattas | architects + planners, Virginia, United States.
- 2002 **Project Architect**  
Community Design Assistance Center (CDAC), Blacksburg, Virginia, United  
States.
- 2001 **Architect Intern**  
Weaver Architecture Studio, Bristol, Tennessee, United States.
- 1999–2000 **Project Architect**  
House of Environmental, Architectural Designs Studies (HEADS).  
Salah Hareedy and Associates. Alexandria, Egypt.
- 1998–1999 **Architect and Project Manager**  
AR Group for Design and Construction, Amr Rifaat Architects, Alexandria, Egypt.

## AWARDS / HONORS

- 2020 **Innovation Partners Reception Honoree. Texas A&M School of Innovation.**  
For bringing Texas A&M's research to the world.
  
- 2018 **Architecture Research Centers Consortium (ARCC) New Researcher Award 2017-2018.** For emerging figures in architectural and environmental design research that demonstrate innovation in thinking, dedication in scholarship, contributions to the academy, and leadership within architectural and environmental design research.
  
- 2016 **J. Thomas Regan Interdisciplinary Prize.** College of Architecture, Texas A&M University. For orchestrating transformational educational experiences through innovative design studios and research initiatives that facilitate student collaboration with peers and professionals from other disciplines.
  
- 2016 **ACSA Design-Build Architectural Education Award.** Association of Collegiate Schools of Architecture. For the [c u b e] project. The ACSA Design-Build Award honors best practices in school-based design-build projects. Role: Team member and Graduate Teaching Assistant for Prof. William Galloway. Project initiated in 2009 by students in the graduate-level Building Materials and Construction class.
  
- 2012 **Distinguished Design Research Award,** School of Architecture + Design, College of Architecture and Urban Studies, Virginia Tech.
  
- 2012 **Travel Funding Program Award.** Graduate School, Virginia Tech. For presenting an accepted paper in the sustainability conference in University of British Columbia, Vancouver, Canada.
  
- 2011 **Architecture Research Centers Consortium (ARCC) King Medal.** For excellence in Architectural & Environmental Design Research. This award is given to one student per ARCC member college, school, or institute. Selection is based upon criteria that acknowledge innovation, integrity, and scholarship in architectural and environmental design research.
  
- 2010 **Travel Scholarship Award,** Autodesk University (AU) 2010. For educators of architecture collaborating with Autodesk, Las Vegas, Nevada.
  
- 2004 **Outstanding Graduate Thesis Book Award,** College of Architecture and Urban Studies, Virginia Tech. For the best thesis book in the 2003 MARCH class.
  
- 1998 **Outstanding Achievement Award,** Egypt Engineers Syndicate, Alexandria, Egypt. For the best BArch graduation final project and top GPA in 1997 class of architecture.
  
- 1997 **Certificate of Honor** Middle East and North Africa (MENA) for Real Estate Development, Alexandria, Egypt. For academic achievements in the overall undergraduate degree of architecture class of 1997.

## RESEARCH AND CREATIVE ACTIVITIES

### RESEARCH AREAS

Design in Circular Economy, Waste & Industrial Symbiosis, Building Materials & Construction, Sustainable Process Design, Traditional & Digital Fabrication, Design/Build Education, Construction History, Architectural Pedagogy.

### RESEARCH APPOINTMENTS AND AFFILIATIONS

- 2016–Present **Founder and Director**, Resource-Based Design Research Lab (RBDR/Lab), College of Architecture, Texas A&M University.
- 2016–Present **Faculty Fellow**, Center for Health Systems and Design (CHSD), College of Architecture, Texas A&M University.
- 2015–Present **Faculty Fellow**, Center for Housing & Urban Development (CHUD), College of Architecture, Texas A&M University.
- 2012–2013 **Research Associate**, Center for Sustainable Mobility (CSM), Virginia Tech Transportation Institute, Virginia Tech.
- 2009–2012 **Research Associate**, Center for High Performance Environments (CHPE), College of Architecture and Urban Studies, Virginia Tech.

### PATENTS

- 2019–2021 **Ali, Ahmed K.**, Dvorak, B., Huo, P., Joshi, K., & Tataria, N. (2020). Modular Living Wall System from Sheet Metal By-Products. United States Patent and Trademark Office. Application No: 62/840,868. Serial No: 29/733,059. Reference No: 5027TAMU19. (Provisional patent filed on April 30, 2019. Design patent filed on April 29, 2020). As of August 30, 2020, Status is “Ready for Examination” in the process of getting assigned to an examiner at the USPTO.  
<https://tamus.flintbox.com/technologies/e220b36c-f184-4ffe-89d0-3ddbe77996ba>

*The Living wall at the Langford Architecture Center in Central Texas is an integral part of the Circular Economy Design, Engineering, and Fabrication Project (CDF) funded by the Tier One Program (TOP) grant from Texas A&M University, General Motors, and Zahner Metals. The diamond-shape modules are fabricated from galvanized sheet metal by-products known as Offal generated during the automobile body manufacturing stamping and blanking processes. The living wall is composed of approximately 300 modular units, planted with *Dichondra argentea*, *Yucca filamentosa* ‘Color Guard’, *Phyla incisa*, *Agave lophantha* ‘Quadricolor’, *Hesperaloe parviflora*, *Hechtia texensis*. Each unit is individually irrigated by an automated water-conserving drip emitter and is hung on a supporting steel frame using gravity under its own weight. Colors, patterns, geometry, and plant species are working together in harmony to reduce heat gain effects on the planting soil, building walls, and the urban microclimate.*

**GRANTS | FUNDED RESEARCH | FUNDED PROJECTS****(INTERNAL)** Awarded (A) Pending (P) Not Awarded (NA)Total Awarded 2015–2021: **\$474,736** (\$306,231 as PI; \$58,670 as Co-PI)

- 2021 (A) (Co-PI) Developing a Global Collaborative Learning Environment for Architecture Product Innovation and Sustainable Manufacturing. Global Engagement Grant with the Norwegian University of Science and Technology (NTNU). (With Wang, J. (TAMU), and Welo, T., Ringen, G. (NTNU)) **\$60,000**. (Funds to be used to establish collaboration between NTNU and TAMU students on CE metal forming innovation.). *The competition had 17 proposals submitted in 2021. With 60 Faculty involved from 13 Colleges, the level of projects was of the highest caliber, which made it extraordinarily difficult to select those to be funded.*  
<https://globalsupport.tamu.edu/A-M-Abroad-Global-Engagement-Plan/Global-Engagement-Grant#0-2021GlobalEngagementGrantRecipients>
- 2020/2021 (NA) (PI) Harnessing Innovations in the Circular Economy Paradigm by Integrating Design, Engineering, Logistics, and Manufacturing. X-Grant President's Excellence Fund (Round Three). (With Layton, Iakovou, Chang, Pistikopoulos, Sengupta, Pappas, Dvorak, Mowrer, Brown, Bonaiti, Jaber, Braga-Neto, Alvarado, Benzerga, Wang, Pappa, He, Morriss, and Ramadan). **\$1,500,000**. (Funds to be used for Green Infrastructure projects, equipment, graduate students research assistants, post-doctoral research assistants, travel and establishing the TAMU-CE Institute.)  
*(Finalist) Out of 142 one-page proposals submitted to the program, 43 of which were chosen to submit preliminary proposals resulting in 22 selected to submit final proposals.*
- 2020 (A) (PI) Thinking Inside the Box: A Circular Economy Approach to the 30K. Vertical House. T3: Texas A&M Triads for Transformation. President's Excellence Fund (Round Three). (With Michael O'Brien [Architecture] and Eleftherios Iakovou [Engineering Technology and Industrial Distribution]). **\$32,000**. (Funds to be used for equipment, hiring student research assistants, purchasing materials, travel, and construction costs.)
- 2018 (A) (PI) Matrix Trays: From Waste to Opportunities. T3: Texas A&M Triads for Transformation. President's Excellence Fund (Round One). (With Astrid Layton [Mechanical Engineering] and Ankit Srivastava [Materials Science]). **\$37,000**. (Funds were used for equipment, student tuitions, hiring student research assistants and workers, purchasing materials, and travel.)
- 2017 (A) (PI) Circular Economy Design, Engineering, and Fabrication Project. 2017/18 Tier One Program, Office of the Dean of Faculties, Texas A&M University. (With Jorge Alvarado [Engineering Technology and Industrial Distribution] and Bruce Dvorak [Landscape Architecture and Urban Planning]). **\$299,336**. (Funds were used for summer faculty salaries, student tuitions, hiring student research assistants, purchasing materials, constructing the living wall, and prototyping.)
- 2017 (A) (CO-PI) Modular Mobile Health Clinics for Vulnerable Border Communities. College of Architecture Real Projects Initiatives, Texas A&M University. (With E. Bardenhagen, S. Van Zandt [Landscape Architecture and Urban Planning], B. Bigelow [Construction Science], and M. O'Brien [Architecture]). **\$24,600**. (Funds were used for construction costs and hiring students' workers).

- 2016 (A) (CO-PI) Light Fixtures from Surplus and By-product Materials. Academy for Visual and Performing Arts (AVPA) Arts Enhancement Grants for Faculty 2016. (With Weiling He [Architecture]). **\$7,500.** (Funds were used for equipment, hiring student workers, purchasing materials, and prototyping.)
- 2015 (A) (PI) Publication Support Grant. OAK Fund, Texas A&M University. (With Bruce Dvorak [Landscape Architecture and Urban Planning]). **\$1,300.** Funds to support the publication of a book chapter on Urban Agriculture.
- 2015 (A) (PI) Bryan Urban Farmers Market and Hoppess city block Masterplan. College of Architecture Real Projects Initiatives, Texas A&M University (With Ben Bigelow [Construction Science] and Bruce Dvorak [Landscape Architecture and Urban Planning]) **\$23,000.** (Funds were used for equipment, purchasing materials, travel, and construction costs.)

### **GIFTS | SPONSORSHIP FOR RESEARCH PROJECTS**

**(EXTERNAL)** *Awarded (A) Pending (P) Not Awarded (NA)*

Total Awarded 2015–2020: \$40,390 (\$40,390 as PI)

- 2018 (A) (PI) General Motors in-kind donation and transportation of 1000 units of PEAK JEDEC engine module matrix trays for circular economy design research. The value of materials and cost of shipping are reflected in the grant amount. **\$5,895.**
- 2017 (A) (PI) General Motors in-kind donation and transportation of 39,011 lbs. of galvanized sheet metal for circular economy and building envelope research. The value of materials and cost of shipping are reflected in the grant amount. **\$21,495.**
- 2017 (A) (PI) Second Annual Student Design Competition (Fall 2017) at Texas A&M University, College of Architecture. Sponsored by General Motors. Cash awards to student winners sponsored by General Motors. **\$3,000.**
- 2017 (A) (PI) Second Annual Student Design Competition (Fall 2017) at Texas A&M University, College of Architecture. In-kind travel expenses to jury the annual design competition sponsored by Zahner, Corgan, Lake | Flato, and the United States Business Council for Sustainable Development (US BCSD). **\$7,000.**
- 2015 (A) (PI) First Annual Student Design Competition (Fall 2015) at Texas A&M University, College of Architecture. Rio de Los Brazos de Dios Visitor Center. Sponsored by the Coulter & Lily Rush Hoppess Foundation. Cash awards for student winners and in-kind donation of jury travel and presentations at the City of Bryan. **\$3,000.**
- 2007 (A) (PI) Reflections on Egypt: Time + Place. Sponsored by Robert Turner Scholarship, College of Architecture and Urban Studies, Virginia Tech. Funds to establish the first Virginia Tech study abroad program in Egypt. **\$5,000.**

## PUBLICATIONS

### ARTICLES PUBLISHED IN REFEREED JOURNALS

(Peer Reviewed) \* denotes student as co-author.

- 2021 **Ali, Ahmed K.** (2021). Architecture, Waste, and the Circular Economy (Invited article). *Enquiry, the ARCC Journal for Architectural Research*, 18(2), 01–03. doi: <https://doi.org/10.17831/enqarcc.v18i2.1130>. ISSN: 2329-9339.
- 2021 Kio, P\*, **Ali, Ahmed K.** (2021). In situ experimental evaluation of a novel modular living wall system for industrial symbiosis. *Journal of Energy and Building*. 252, 111405, doi: <https://doi.org/10.1016/j.enbuild.2021.111405>. ISSN 0378-7788.

*Energy and Buildings is an international journal publishing articles with explicit links to energy use in buildings. The aim is to present new research results, and new proven practice aimed at reducing the energy needs of a building and improving indoor environment quality. Energy and Buildings considers and publishes articles considerably advancing Building Science. Preference is given to practical and experimental research articles reporting considerable innovations.*

- 2021 Dvorak, B., Yang, S\*, Menotti, T\*, Pace, Z\*, Mehta, S\*, **Ali, Ahmed K.** (2021). Native Plant Establishment on a Custom Modular Living Wall System in a Humid Subtropical Climate. *Journal of Urban Forestry & Urban Greening*, 63, Available online 19 June 2021, 127234. doi: <https://doi.org/10.1016/j.ufug.2021.127234>. ISSN: 1618-8667

*The Journal of Urban Forestry and Urban Greening is a refereed, international journal aimed at presenting high-quality research with urban vegetation and its use, planning, design, establishment, and management. Special attention is given to interdisciplinary research as developed under the approaches of, urban forestry, urban greening, urban ecology, and urban agriculture.*

- 2021 **Ali, Ahmed K.**, Layton, A., Kio, P\*, & Williams, J. (2021). Matrix Trays: From Waste to Opportunities. *Journal of Cleaner Production*, 300, 1033–1044. doi: <https://doi.org/10.1016/j.jclepro.2021.126813>. ISSN: 0959-6526.

*The Journal of Cleaner Production is an international, transdisciplinary journal focusing on Cleaner Production, Environmental, Sustainability research and practice. (Impact Factor: 7.246, CiteScore: 10.9). Scimago lists JCP Journal with an H-index of 150. Its Scimago Journal Rank (SJR 2018) is 1.62, placing it in the 1<sup>st</sup> quartile of journals in Environmental Sciences (miscellaneous), and the 2<sup>nd</sup> quartile of journals in Industrial and Manufacturing Engineering, Renewable Energy, sustainability & the Environment.*

- 2020 **Ali, Ahmed K.**, Kio\*, P., Alvarado, J., & Wang, Y. (2020) Symbiotic circularity in buildings: an alternative path for valorizing sheet metal waste stream as metal building facades. *Waste and Biomass Valorization*, 11, 7127–7145. <https://doi.org/10.1007/s12649-020-01060-y>. ISSN: 1877-2641.

*Waste & Biomass Valorization (WAVE) is the first scholarly journal dedicated solely to waste and biomass valorization. (2018 Impact Factor: 2.35). Scimago lists the Journal with an H-index of 28. Its Scimago Journal Rank (SJR 2018) is 0.53,*



placing it in the 2<sup>nd</sup> quartile of journals in Environmental Engineering, & Renewable Energy, sustainability & the Environment, & Waste Management & Disposal.

- 2019 **Ali, Ahmed K.** (2019). A case study in developing an interdisciplinary learning experiment between architecture, building construction, and construction engineering and management education. *Engineering, Construction and Architectural Management*, 26(9), 2040–2059. doi: [10.1108/ECAM-07-2018-0306](https://doi.org/10.1108/ECAM-07-2018-0306). ISSN: 0969-9988.

*ECAM journal publishes original research breakthroughs and innovative developments in the design, construction, and management of buildings. (Impact Factor: 1.561, CiteScore 2.51). Scimago lists ECAM journal with an H-index of 49. Its Scimago Journal Rank (SJR 2018) is 0.58, placing it in the 1<sup>st</sup> quartile of journals in Architecture and Business, Management and Accounting (miscellaneous), and the 2<sup>nd</sup> quartile of journals in Building and Construction and Civil and Structural Engineering.*

- 2019 **Ali, Ahmed K., Wang, Y\*, & Alvarado, J.** (2019). Facilitating Industrial symbiosis to achieve circular economy using value-added by design: A case study in transforming the automobile industry sheet metal waste-flow to building facade systems. *Journal of Cleaner Production*, 234, 1033–1044. doi: [10.1016/j.jclepro.2019.06.202](https://doi.org/10.1016/j.jclepro.2019.06.202). ISSN: 0959-6526.

*The Journal of Cleaner Production is an international, transdisciplinary journal focusing on Cleaner Production, Environmental, Sustainability research and practice. (Impact Factor: 7.246, CiteScore: 10.9).*

- 2019 **Ali, Ahmed K.** (2019). Mapping a resource-based design workflow to activate a circular economy in building design and construction. *Journal of Earth and Environmental Sciences*, 225, 012010 (8 pp.). doi: [10.1088/1755-1315/225/1/012010](https://doi.org/10.1088/1755-1315/225/1/012010). ISSN: 1755-1315.

*The Journal of Earth and Environmental Sciences is published by the open access IOP Conference Series: Earth & Environmental Science (EES). Scimago lists IOP Journal with an H-index of 14. Its Scimago Journal Rank (SJR 2018) is 0.17, not yet assigned quartile. As of April 2020, the article has been downloaded 217 times.*

- 2017 **Ali, Ahmed K.** (2017). Architecture within a circular economy: Process mapping a resource-based design-bid-build project delivery system. *Enquiry, the ARCC Journal for Architectural Research*, 14(1), 48–61. doi: [10.17831/enq:arcc.v14i1.432](https://doi.org/10.17831/enq:arcc.v14i1.432). ISSN: 2329-9339.

*Enquiry is the ARCC journal for architectural research. It is a double-blind peer reviewed journal with both a review board and an Editorial Board, published by the Architectural Research Centers Consortium, the leading US organization in architectural research.*

- 2017 **Ali, Ahmed K.** (2017). Unconventional engagement: Reviving the urban marketplace. *THE PLAN Journal*, 1(2), 261–285. doi: [10.15274/tpj.2016.01.02.08](https://doi.org/10.15274/tpj.2016.01.02.08). ISSN: 2611-7487 | E-ISSN 2531-7644.

*THE PLAN Journal (TPJ) is a spin-off from THE PLAN, the Maggioli SpA*

*Publishing Group's flagship magazine established in 2001. Initially bi-lingual (Italian and English). THE PLAN Journal is recognized by the Association of Architecture School Librarians (AASL) among top ten peer-reviewed journals within its list of "Fundamental Periodicals."*

- 2016 **Ali, Ahmed K.**, & Badinelli, R. (2016). Novel integration of sustainable & construction decisions into the design-bid-build project delivery method using BPMN. *Procedia Engineering*, 145, 164–171. doi: [10.1016/j.proeng.2016.04.038](https://doi.org/10.1016/j.proeng.2016.04.038). ISSN: 187770588.

*Procedia Engineering is an open access journal of collected conference proceedings published between 2012 and 2017, with an emphasis in core engineering disciplines. (CiteScore: 1.04). Scimago lists Procedia Engineering Journal with an H-index of 51. Its Scimago Journal Rank (SJR 2018) is 0.28, not yet assigned quartile.*

- 2013 **Ali, Ahmed K.**, Badinelli, R., & Jones, J. (2013). Re-defining the architectural design process through building a decision-support framework for design with reuse. *The International Journal of Sustainability Policy and Practice*, 8(1), 01–18. doi: [10.18848/2325-1166/cgp/v08i01/55385](https://doi.org/10.18848/2325-1166/cgp/v08i01/55385). ISSN: 2325-1166.

*The Journal of Sustainability Policy & Practice is published by the Common Ground Research Network, the Journal addresses sustainability agendas & the practices flowing from these in government, corporate, and community sectors. Acceptance Rate: 20%, Frequency: Biannually). Scimago lists JSPP Journal with an H-index of 4. Its Scimago Journal Rank (SJR 2018) is 0.13, placing it in the 4th quartile of journals in Geography, planning development, and Renewable Energy, sustainability, and the Environment.*

## ARTICLES PENDING IN REFEREED JOURNALS

*(Peer Reviewed) \* denotes student as co-author.*

- Under Review Kio, P\*, **Ali, Ahmed K.** (2021). Automotive prompt metal: Cost benefit analysis for reuse in modular living wall systems. *Journal of Cleaner Production*. Submitted on May 14, 2021.
- Under Review Kio, P\*, **Ali, Ahmed K.** (2021). Byproduct Reuse: From Scrap to Modules in Living Wall Systems. *Journal of Sustainable Cities and Society*. Submitted on August 26, 2021.

## BOOK CHAPTERS (Peer Reviewed)

- 2016 Dvorak, Bruce D., & **Ali, Ahmed K.** (2016). Urban agriculture case studies in Central Texas: From the ground to the rooftop. In M. Samer (Ed.), *Urban Agriculture* (pp. 3–21). InTech. doi: [10.5772/62350](https://doi.org/10.5772/62350). ISBN 9789535124047. As of June 3, 2020, it was downloaded 1,507 times.

## PAPERS PUBLISHED IN REFEREED CONFERENCE PROCEEDINGS (Peer Reviewed) \* denotes student as co-author.

- 2021 **Ali, Ahmed K.**, & Kio \*, P. (2021). From conventional recycling to creative reuse: Empowering local industrial resources through synergistic practices. In I. Carnicero, Á. G. de Paredes, & J. Salcedo-Fernandez (Eds.), *Proceedings of the 2018 ACSA/COAM International Conference: New Instrumentalities, Madrid, Spain, June 14-16, 2018*. (pp. 124–129) Washington, DC: ACSA Press. ISBN: 978-1-944214-18-0. Available at: <https://www.acsa-arch.org/chapter/from-conventional-recycling-to-creative-reuse-empowering-local-industrial-resources-through-synergistic-practices/>  
Acceptance Rate: 2018 / Madrid (31%) 96 accepted, 310 submitted.
- 2021 Hernández \*, S., & **Ali, Ahmed K.** (2021). Unpacking the Role of Knowledge Transfer in Masonry Bridge Construction Technology from Spain to Guatemala. In Ivan Cabrera i Fausto et.al. (Eds.), *Proceedings of the EAAE-ARCC International Conference & 2nd VIBRArch: The architect and the city. / Editorial Universitat Politècnica de València. Volume 2* (pp. 274–285). ISBN: 978-84-9048-982-6. Available at: <https://www.eaae-arcc-ic.upv.es/deliverables/>.  
Acceptance Rate: 2020 / Valencia (XX%) XX accepted, XXX submitted.
- 2021 **Ali, Ahmed K.** (2021). Single wall timber granaries box construction in Turkish and Spanish rural architecture contexts. In Ivan Cabrera i Fausto et.al. (Eds.), *Proceedings of the EAAE-ARCC International Conference & 2nd VIBRArch: The architect and the city. / Editorial Universitat Politècnica de València. Volume 2*. (pp. 402–413). ISBN: 978-84-9048-982-6. Available at: <https://www.eaae-arcc-ic.upv.es/deliverables/>.  
Acceptance Rate: 2020 / Valencia (XX%) XX accepted, XXX submitted.
- 2019 **Ali, Ahmed K.**, & Kio \*, P. (2019). A new (old) paradigm on metal fabrication between the automobile and the building industries. In J. Ficca, A. Kulper, & G. La (Eds.), *Proceedings of the ACSA 107th Annual Meeting: Black Box. Articulating Architecture's Core in the Post-Digital Era. Association of Collegiate Schools of Architecture* (pp. 322–327). Washington, DC: ACSA Press. ISBN: 978-1-944214-21-0. Available at: <https://www.acsa-arch.org/chapter/a-new-old-paradigm-on-metal-fabrication-between-the-automobile-and-the-building-industries/>  
Acceptance Rate: 2019 / Pittsburgh (41%) 120 accepted, 293 submitted.
- 2019 **Ali, Ahmed K.** (2019). Architecture + structures: Ethics and responsibilities in academic design/build studios. In C. Brause, P. L. Clouston, & N. Darling (Eds.), *Building Technology Educator's Society: Volume 2019* (Article 59, 9 pp.). Amherst, MA: Building Technology Educator's Society. Available at: <https://scholarworks.umass.edu/btes/vol2019/iss1/59>.
- 2019 **Ali, Ahmed K.**, & Dvorak, B. (2019). Cultivating research: Resource-based design as an activating agent for energy and water conservation. In C. Jarrett, P. Plowright, & H. Rashed-Ali, (Eds.), *Proceedings of the ARCC 2019 International Conference, Future Praxis: Applied Research as a Bridge Between Theory and Practice: Ryerson University, Toronto, Canada, May 29 - June 1, 2019* (pp. 526–532). Architectural Research Centers Consortium. ISBN: 978-0-578-51124-5. Available at: <https://www.arcc-journal.org/index.php/repository/article/view/610>  
Acceptance Rate: 2019 / Toronto (39%) 76 accepted, 194 submitted.

- 2018 **Ali, Ahmed K.** (2018). The War-hole wall: between the ridiculous and the profound. In U.P. Flueckiger, & V. McReynolds (Eds.), *Proceedings of the ACSA 2017 Fall Conference: Crossing between the Proximate and the Remote, Marfa, Texas* (pp. 132–137). Washington, DC: ACSA Press. ISBN: 978-1-944214-16-6. Available at: <https://www.acsa-arch.org/chapter/the-war-hole-wall-between-the-ridiculous-and-the-profound/>  
Acceptance Rate: 2017 | Marfa, Texas (31%) 96 accepted, 310 submitted.
- 2018 **Ali, Ahmed K., & Kio\*, P.** (2018). Finding perfection in imperfection: A case study in designing waste in circular economy. In K. Wingert-Playdon, & H. Rashed-Ali (Eds.), *Proceedings of the ARCC-EAAE International Conference: Architectural Research for a Global Community: Philadelphia, PA, May 16-19, 2018*, Vol. 02 (pp. 054–062). ISBN 1-935129-24-4. Available at: <https://www.arcc-journal.org/index.php/repository/article/view/698>  
Acceptance Rate: 2018 | Philadelphia (38%) 90 accepted, 236 submitted.
- 2018 Kio\*, P., **Ali, Ahmed K.**, & Alvarado, J. (2018). Alternative architectural design methods on the reuse and remanufacturing of scrap metals for commercial buildings facades. In P. Lahtinen, & V. Raasakka (Eds.), *Proceedings of WASCON 2018 - 10th International Conference on the Environmental and Technical Implications of Construction with Alternative Materials, Tampere, Finland, 6-8 June 2018* (pp.150–158). Tampere, Finland: The International Society for the Environmental and Technical Implications of Construction with Alternative Materials. ISBN 978-951-758-631-3. ISSN 0356-9403.
- 2018 **Ali, Ahmed K.**, Alvarado, J., Kio\*, P., & Wang\*, Y. (2018). A case study in circular economy design transforming industrial automotive waste into building skins. In P. Lahtinen & V. Raasakka (Eds.), *Proceedings of WASCON 2018 -International Conference on the Environmental & Technical Implications of Construction with Alternative Materials. June 2018* (pp.129–134). Tampere, Finland: The International Society for the Environmental & Technical Implications of Construction with Alt. Materials. ISBN 978-951-758-631-3. ISSN 0356-9403.
- 2017 **Ali, Ahmed K.** (2017). Building posture: Glasgow school of art's driven voids of light and body dynamics. In T. Maver, P. Chapman, C. Platt, V. Portela, & D. Eaton (Eds.), *Proceedings of the 13th European Architectural Envisioning Conference (EAEA) - Envisioning architecture; Space / Time / Meaning, Glasgow, UK, 6-9 September 2017* (pp. 138–145). Glasgow, UK: Freight Publishing. ISBN: 9780957666085. Available at: <http://radar.gsa.ac.uk/5490/>  
(This paper was also reviewed, cited, and published in **Steven Myron Holl** Foundation's Critical Research archive. April 3, 2018.  
<https://www.stevenmyronhollfoundation.org/scholarship/>).
- 2017 **Ali, Ahmed K.** (2017). Architecture (disambiguation): Mapping a resource-based design process system. In R. Smith, K. Diaz Moore, & W. Zhao (Eds.), *Proceedings of ARCC 2017 Conference: Architecture of Complexity | Design, systems, society & environment, Salt Lake City, Utah, June 14-17, 2017* (pp. 402–410) Architectural Research Centers Consortium. ISBN-13: 978-1-935129-22-6. ISBN-10: 1-935129-22-8. Available at: [https://www.brikbases.org/sites/default/files/ARCC2017\\_Session4A\\_Ali\\_0.pdf](https://www.brikbases.org/sites/default/files/ARCC2017_Session4A_Ali_0.pdf)  
Acceptance Rate: 2017 | Salt Lake City (35%) 65 accepted, 185 submitted.

- 2017 **Ali, Ahmed K., & Ko\*, J.** (2017). The La'mella house - small efforts: big impacts. In L.F. Rico-Gutierrez & M. Thorne (Eds.), *Project Proceedings of the ACSA 105<sup>th</sup> Annual Meeting, Brooklyn says, "Move to Detroit", March 23-25, 2017* (pp. 026–027). Washington, DC: ACSA Press. ISBN: 978-1-944214-07-4. Available at: <https://www.acsa-arch.org/chapter/the-la-mella-houses-small-efforts-big-impacts/>  
Acceptance Rate: 2017 | Detroit (46%) 88 accepted, 191 submitted
- 2017 **Ali, Ahmed K.** (2017). Transforming architectural education at the crossroads of the world. In M. J. R. Couceiro da Costa, F. Roseta, J. P. Lages, & S. Couceiro da Costa (Eds.), *Proceedings of the EAAE / ARCC 10th International Conference: Architectural Research Addressing Societal Challenges, Lisbon, Portugal, 15-18 June 2016*. Vol. 02 (pp. 1207–1214). Boca Raton, FL: CRC Press, Taylor & Francis Group. Print ISBN: 978-1-138-02966-8, eBook ISBN: 978-1-351-84958-6, doi: 10.1201/9781315226255-185. Available at: <https://www.crcpress.com/Architectural-Research-Addressing-Societal-Challenges-Proceedings-of-the/Costa-Roseta-Lages-Costa/p/book/9781138029668>.  
Acceptance Rate: 2016 | Lisbon (25%) 120 accepted, 480 submitted.
- 2016 **Ali, Ahmed K.** (2016). Paradoxical territories between traditional and digital crafts in Japanese joinery. In R. Corser & S. Haar (Eds.), *Proceedings of the 104th ACSA Annual Meeting: Shaping New Knowledges, Seattle, Washington, March 17-19, 2016* (pp. 359–364). Washington, DC: ACSA Press. ISBN: 9781944214036. Available at: <https://www.acsa-arch.org/chapter/paradoxical-territories-of-traditional-and-digital-crafts-in-japanese-joinery/>  
Acceptance Rate: 2016 | Seattle (41%) 103 accepted, 154 submitted.
- 2016 **Ali, Ahmed K.** (2016). Transformation of emerging building materials reuse industry through mapping sustainable architectural design processes using BPMN. In K. Kähkönen & M. Keinänen (Eds.), *Proceedings of the 2016 CIB World Building Congress: Creating built environments of new opportunities, Tampere, Finland, May 30 – June 3, 2016*, Vol. 01 (pp. 552–564). Department of Civil Engineering, Construction Management and Economics, Tampere University of Technology. Tampere, Finland: Tampere University of Technology, Department of Civil Engineering. ISBN: 978-952-15-3741-7 Available at: [https://tutcris.tut.fi/portal/files/6186667/WBC16\\_Vol\\_1.pdf](https://tutcris.tut.fi/portal/files/6186667/WBC16_Vol_1.pdf).
- 2015 **Ali, Ahmed K.** (2015). Hugs and kisses in Turkish religious architecture. In H. Tulum (Ed.), *Proceedings of ARCHTHEO '15 IX. Theory and History of Architecture Conference, Eastern Mediterranean Academic Research Center, Istanbul, Turkey, November 5-7, 2015* (pp. 471–477). Istanbul, Turkey: Dakam Publishing. ISBN: 9786059207102. Available at: [https://www.researchgate.net/publication/299404020\\_Hugs\\_and\\_Kisses\\_in\\_Turkish\\_Religious\\_Architecture](https://www.researchgate.net/publication/299404020_Hugs_and_Kisses_in_Turkish_Religious_Architecture)



## PAPERS PENDING IN REFEREED CONFERENCE PROCEEDINGS (Peer Reviewed) \* denotes student as co-author.

- Under review Kio, P\*, Anumba C, **Ali, Ahmed K.**, Nwodo, M (2022). Circular economy trends - potential role of emerging technologies. In XXX, (Eds.), *Proceedings of the World Building Congress International Conference, RMIT University Australia, June 27-30, 2022* (pp. XX–XX).
- Accepted / In Press Kio, P\* & **Ali, Ahmed K.** (2022). Mapping of Research Lines on Circular Economy Practices in Cities: From Waste to Infrastructure. In XXX, (Eds.), *Proceedings of the ARCC/EAAE 2022 International Conference: Resilient City: Physical, Social, and Economic Perspectives, March 2-5, 2022, hosted by Florida International University in Miami.* (pp. XX–XX). Architectural Research Centers Consortium.
- Accepted / In Press Kio, P\* & **Ali, Ahmed K.** (2021). Building Enclosure and its Performance on the Outdoor Thermal Behavior: In situ Measurement Efficacy. In XXX, (Eds.), *Proceedings of the ARCC 2021 International Conference, Tucson, Arizona, April 7-10, 2021* (pp. XX–XX). Architectural Research Centers Consortium. ISBN: 978-0-578-51124-5.

## OTHER PUBLICATIONS (Non-Peer Reviewed)

- 2017 **Ali, Ahmed K.** & Peterhans, B. (2017). Robert L. Turner 1947- 2014: *Tempietto in the wilderness*. Monograph in collaboration with Skidmore, Owings & Merrill (SOM) and Jeff Goldberg / ESTO Architectural Photography. Madison Heights, MI: Publishing Xpress. ISBN: 978-0-692-86602-3. Available at: [https://www.academia.edu/34577659/Robert\\_L.\\_Turner\\_Tempietto\\_in\\_the\\_Wilderness](https://www.academia.edu/34577659/Robert_L._Turner_Tempietto_in_the_Wilderness)
- 2012 **Ali, Ahmed K.** (2012). *Redefining the architectural design process through building a decision-support framework for design with reused building materials and components*. (Doctoral dissertation). Virginia Polytechnic Institute and State University, Blacksburg, Virginia, United States. Available at: <https://vtechworks.lib.vt.edu/handle/10919/49549>  
As of August 12, 2021, the dissertation has been downloaded 3,217 times.
- 2012 **Ali, Ahmed K.** (2012). *The problem of building materials waste in the architectural design and construction industry: A knowledge acquisition process*. (Master of Science in Architecture Thesis). Virginia Polytechnic Institute and State University, Blacksburg, Virginia, United States.
- 2008 **Ali, Ahmed K.** (2008). *Silence, darkness, and light: The Grand Egyptian Museum*. (Invited publication of the 2004 Master of Architecture thesis at Virginia Tech). Saarbrücken, Germany: VDM Verlag Dr. Müller. ISBN 9783836468077.
- 2008 **Ali, Ahmed K.**, & Davis, J. (2008). New knowledge, new ways of seeing. *MAGAZ Design Magazine* (pp. 94–103) Issue 104, October 2008. Published by Dukor Ltd. Themistokli Dervi, 6, Papyros Building, P.C. 1702, Nicosia, Cyprus. Available at: [https://www.academia.edu/26027011/New\\_Knowledge\\_New\\_Ways\\_of\\_Seeing](https://www.academia.edu/26027011/New_Knowledge_New_Ways_of_Seeing)

- 2008 **Ali, Ahmed K.** (2008). Forward. In R. Chewning, *Reflections of Egypt* (p. 3). San Francisco, CA: Blurb Publishing. Available at: <https://www.blurb.com/b/325111-reflections-of-egypt>.
- 2004 **Ali, Ahmed K.** (2004). *Silence, darkness and light: The Grand Egyptian Museum*. (Master of Architecture Thesis), Virginia Polytechnic Institute and State University, Blacksburg, Virginia, United States. Available at: <https://vtechworks.lib.vt.edu/handle/10919/9731>.  
As of April 2, 2020, the thesis book has been downloaded 1,557 times.
- 1997 **Ali, Ahmed K.** (1997). *Music of architecture: Performing arts center in Alexandria*. (Bachelor of Architecture Thesis). Alexandria University, Alexandria, Egypt.

## CONFERENCE PRESENTATIONS

(Peer Reviewed) \* denotes student as co-author.

- 2022 Kio, P\* & **Ali, Ahmed K.** (2022). Mapping of Research Lines on Circular Economy Practices in Cities: From Waste to Infrastructure. In XXX, (Eds.), *Proceedings of the ARCC/EAAE 2022 International Conference: Resilient City: Physical, Social, and Economic Perspectives, March 2-5, 2022, hosted by Florida International University in Miami*. (pp. XX–XX). Architectural Research Centers Consortium.
- 2021 Kio, P\* & **Ali, Ahmed K.** (2021). Building Enclosure & its Performance on Outdoor Thermal Behavior: In situ Measurement Efficacy. In XXX, (Eds.), *Proceedings of the ARCC 2021 International Conference, Tucson, Arizona, April 7-10, 2021* (pp. XX–XX). Architectural Research Centers Consortium. ISBN: 978-0-578-51124-5.
- 2021 **Ali, Ahmed K.**, Kio\*, P., & Dvorak B. (2021). Urban Vertical Greening through Circular Economy. In XXX. *Seventeenth International Conference on Environmental, Cultural, Economic & Social Sustainability. February 23 - 26, 2021, Vrije Universiteit Amsterdam. Amsterdam/Netherlands*. Available at: [https://cgscholar.com/cg\\_event/events/S21/proposal/51067](https://cgscholar.com/cg_event/events/S21/proposal/51067)
- 2020 Hernández\*, S., & **Ali, Ahmed K.** (2020). Unpacking the Role of Knowledge Transfer in Masonry Bridge Construction from Spain to Guatemala. In XXX. *the EAAE-ARCC 2020 International Conference, & 2<sup>nd</sup> VIBRArch. Valencia, Spain*.
- 2020 **Ali, Ahmed K.** (2020). Single wall timber granaries box construction in Turkish and Spanish rural architecture contexts. In XXX. *Proceedings of the EAAE-ARCC 2020 International Conference, & 2<sup>nd</sup> VIBRArch. Valencia, Spain*
- 2019 **Ali, Ahmed K.**, & Dvorak B. (2019, June). *Cultivating research: Resource-based design as an activating agent for energy and water conservation*. Paper presented at the ARCC 2019 International Conference, Future Praxis: Applied Research as a Bridge Between Theory and Practice, Ryerson University, Toronto, Canada.
- 2019 Kio\*, P., & **Ali, Ahmed K.** (2019, June). *Investigating the ecology of metal double-skin living wall facades towards a circular economy*. Poster presented at the ARCC 2019 International Conference, Future Praxis: Applied Research as a Bridge Between Theory and Practice, Ryerson University, Toronto, Canada. Abstract available at: [https://www.arcc-repository.org/repository/ARCC2019\\_Ryerson%20Conference%20Proceedings.pdf](https://www.arcc-repository.org/repository/ARCC2019_Ryerson%20Conference%20Proceedings.pdf)

- 2019 **Ali, Ahmed K.**, & Kio\*, P. (2019, March). *A new (old) paradigm on metal fabrication between the automobile and the building industries*. Paper presented at the Association of Collegiate Schools of Architecture (ACSA) 107th Annual Meeting: Black Box. Articulating Architecture's Core in the Post-Digital Era, Pittsburgh, Pennsylvania, United States.
- 2019 Dvorak, B., Tataria\*, N. Joshi\*, K., **Ali, Ahmed K.**, & Huo\*, P. (2019, March). *Plant survival trails on a custom living wall system*, Abstract presented at the Council of Educators in Landscape Architecture Conference: Engaged Scholarship. University of California Davis, CA, United States. Abstract available at: <https://cela2019.ucdavis.edu/sites/g/files/dgvnsk3056/files/inline-files/CELA2019%20-%20ABSTRACTS.pdf>
- 2019 **Ali, Ahmed K.** (2019, February). *Mapping a resource-based workflow to activate a circular economy approach in building design and construction*. Paper presented at the SBE19 Brussels - BAMB-CIRCPATH International conference: Buildings as Material Banks – A Pathway for A Circular Future, Brussels, Belgium. Abstract available at (pp.11): <https://www.bamb2020.eu/wp-content/uploads/2019/02/Book-of-Abstracts.pdf>
- 2018 Kio\*, P., & **Ali, Ahmed K.** (2018, September). *Exploration in the use of scrap metal from the automotive industry as non-residential green walls*. Poster presented at the 3<sup>rd</sup> Annual Texas A&M Conference on Energy, Texas A&M University, College Station, Texas, United States.
- 2018 **Ali, Ahmed K.** & Kio\*, P. (2018, June). *From conventional recycling to creative reuse: Empowering local industrial resources through synergistic practices*. Paper presented at the 2018 Association of Collegiate Schools of Architecture (ACSA)/COAM International Conference: New Instrumentalities, Madrid, Spain. Abstract available at: <https://www.acsa-arch.org/wp-content/uploads/2018intconf-abstractbook.pdf>
- 2018 **Ali, Ahmed K.**, Alvarado, J., Kio\*, P., & Wang\*, Y. (2018, June). *A case study in circular economy design transforming industrial automotive waste into building skins*. Paper presented at the 10th International Conference on the Environmental & Technical Implications of Construction with Alternative Materials, WASCON 2018. The International Society for Environmental & Technical Implications of Construction with Alternative Materials, Finland.
- 2018 Kio\*, P., **Ali, Ahmed K.**, & Alvarado, J. (2018, June). *Alternative architectural design methods on the reuse & remanufacturing of scrap metals for commercial buildings facades*. Paper presented at the 10th International Conference on the Environmental & Technical Implications of Construction with Alternative Materials, WASCON 2018. The International Society for Environmental & Technical Implications of Construction with Alternative Materials, Finland.
- 2018 Hernández\*, S., & **Ali, Ahmed K.** (2018, May). *A critical review of the masonry construction techniques of the historical Los Esclavos bridge in Guatemala*. Abstract presented at the Construction History Society of America (CHSA) 6th Biennial Meeting, University of Maryland, Maryland, United States. Abstract available at (pp.55): <http://www.lulu.com/shop/benjamin-ibarra-sevilla/6th-chsa-biennial-meeting/paperback/product-23624269.html?ppn=1>



- 2018 **Ali, Ahmed K. & Kio\*, P.** (2018, May). *Finding perfection in imperfection: A case study in designing waste in circular economy*. Paper presented at the ARCC-EAAE International Conference: Architectural Research for a Global Community, Philadelphia, PA, United States.
- 2018 **Ali, Ahmed K.** (2018, March). *Architecture + structures: Ethics and responsibilities in academic design/build studios*. Paper presented at the 106th Association of Collegiate Schools of Architecture (ACSA) Annual Meeting: The Ethical Imperative Building Technology Educators Society (BTES) Special Focus Session: Technology Matters. Denver, Colorado, United States.
- 2018 **Ali, Ahmed K.** (2018, February). *Remanufacturing architecture: How the automobile industrial solid waste used in building construction*. Paper presented at the Architecture\_Media\_Politics\_Society (Amps) international conference: Critical practice in an age of complexity. University of Arizona, Tucson, Arizona, United States. Abstract available at: [https://architectureemps.com/wp-content/uploads/2018/02/Ahmed\\_Ali\\_Remanufacturing-Architecture\\_Abstract-UoA.pdf](https://architectureemps.com/wp-content/uploads/2018/02/Ahmed_Ali_Remanufacturing-Architecture_Abstract-UoA.pdf)
- 2017 **Ali, Ahmed K.** (2017, October). *The War-hole wall: between the ridiculous and the profound*. Paper presented at the Association of Collegiate Schools of Architecture (ACSA) 2017 Fall Conference: Crossing between the Proximate and the Remote, Marfa, Texas, United States.
- 2017 **Ali, Ahmed K.** (2017, September). *Building posture: Glasgow school of art's driven voids of light and body dynamics*. Paper presented at the 13th European Architectural Envisioning Conference (EAEA) - Envisioning architecture; Space / Time / Meaning, Glasgow, UK.
- 2017 **Ali, Ahmed K., & Bushnaq, D.** (2017, July). *Three strategies for mass timber construction in Seattle*. Paper presented at the 10th anniversary member's meeting of the Construction History Society of America (CHSA): Construction History on the Frontier. University of Washington at Seattle, Washington, United States.
- 2017 **Ali, Ahmed K.** (2017, June). *Architecture (disambiguation): Mapping a resource-based design process system*. Paper presented at the ARCC 2017 Conference: Architecture of Complexity I Design, systems, society & environment, University of Utah, Salt Lake City, Utah, USA.
- 2017 **Ali, Ahmed K., & Ko\*, J.** (2017, March). *The La'mella house – small efforts: big impacts*. Project presented at the Association of Collegiate Schools of Architecture (ACSA) 105th Annual Meeting: Brooklyn says, "Move to Detroit," Michigan, USA.
- 2016 **Ali, Ahmed K.** (2016, December). *Two models of structural knowledge integration into design-build studios*. Paper presented at the Design-Build Exchange virtual conference (dbX), Working Out: Thinking While Building II, Issues in design Build. Halifax, Nova Scotia, Canada.
- 2016 **Ali, Ahmed K.** (2016, June). *Transforming architectural education at the crossroads of the world*. Paper presented at the European Association for Architectural Education (EAAE) / ARCC 10th International Conference: Architectural Research Addressing Societal Challenges, Lisbon, Portugal.

- 2016 **Ali, Ahmed K.** (2016, June). *Transformation of emerging building materials reuse industry through mapping sustainable architectural design processes using BPMN*. Paper presented at the 2016 CIB World Building Congress: Creating built environments of new opportunities, Department of Civil Engineering, Construction Management and Economics, Tampere University of Technology, Finland.
- 2016 **Ali, Ahmed K., & O'Brien, M.** (2016, May). *Knowledge transfer: Single wall construction and modern quest for a one-component structure and enclosure*. Paper presented at the Construction History Society of America 5<sup>th</sup> Biennial Meeting, Austin, Texas, United States. Abstract available at (pp.39): <https://books.apple.com/us/book/5th-chsa-biennial-meeting/id1116274254>
- 2016 **Ali, Ahmed K., & Badinelli, R.** (2016, May). *Novel integration of sustainable & construction decisions into the design-bid-build project delivery method using BPMN*. Paper presented at the American Society of Civil Engineers (ASCE)/Elsevier International Conference on Sustainable Design, Engineering & Construction: ICSDEC 2016. Arizona State University, Tempe, Arizona.
- 2016 **Ali, Ahmed K.** (2016, March). *Paradoxical territories between traditional and digital crafts in Japanese joinery*. Paper presented at the 104<sup>th</sup> Association of Collegiate Schools of Architecture (ACSA) Annual Meeting: Shaping New Knowledges, Seattle, Washington, United States.
- 2015 **Ali, Ahmed K.** (2015, November). *Hugs and kisses in Turkish religious architecture*. Paper presented at the ARCHTHEO '15 IX. Theory and History of Architecture Conference, Eastern Mediterranean Academic Research Center, Istanbul, Turkey.
- 2013 **Ali, Ahmed K.** (2013, April). *Between design process and process design: Integrating reuse decisions into design process*. Paper presented at the Reclaim + Remake Symposium, Center for Building Stewardship, Crough Center for Architectural Studies, School of Architecture and Planning, The Catholic University of America, Washington, DC, United States.
- 2012 **Ali, Ahmed K., & Jones, J.** (2012, January). *Lessons learned from process engineering*. Paper presented at the International Conference on Environmental, Cultural, Economic & Social Sustainability: On Sustainability, University of British Columbia, Vancouver, Canada.
- 2011 **Ali, Ahmed K.** (2011, May). *Business process modeling in architectural design decisions*. Paper presented at the International Conference on Deconstruction and Material Reuse, Yale University, New Haven, Connecticut, United States.

**CONFERENCE / SYMPOSIUM PRESENTATIONS***(Non-Peer Reviewed) \* denotes student as co-author.*

- 2011 **Ali, Ahmed K.** (2011, March). *Design with reuse: mapping the process*. Poster presented at the 27<sup>th</sup> Graduate Students Association (GSA) annual Research Symposium, Virginia Tech Graduate Life Center (GLC), Blacksburg, Virginia, United States.
- 2011 **Ali, Ahmed K.** (2011, February). *Design with reuse framework development*. Poster presented at the annual Faculty Research Symposium, College of Architecture and Urban Studies, Virginia Tech Conference Center, Blacksburg, Virginia, United States.
- 2009 **Ali, Ahmed K., & Loschiavo\*, M.** (2009, May). *Collaborative neighborhoods, railroad crossing urban design project in Roanoke*. Honorable mention international design competition presented at the Roanoke Collaboration Symposium, Roanoke Higher Education Center, Roanoke, Virginia, United States.
- 2009 **Ali, Ahmed K.** (2009, April). *The problem of waste in the design and construction industry*. Paper presented at the International Conference on Deconstruction and Material Reuse, The University of Illinois-Chicago, Illinois. United States.

**SELECTED ARCHITECTURAL DESIGN COMPETITIONS***(Peer Reviewed) \* denotes student as co-author.*

- 2017 **Ali, Ahmed K., & Huo\*, P.,** (2017, August). Finalist in the international design competition *Unbuild the Wall: United States/Mexico borders*, organized by Archstorming. Entry available at: <http://www.archstorming.com/info-utw.html>
- 2008 **Ali, Ahmed K., Storms, K., Graham, & S., Loschiavo, M.** (2008, November). Merit Award in the International Design Competition *Roanoke Urban Effect*, Virginia, United States. Organized by The Competition Project, Inc. Team of Hanbury Evans Wright Vlattas & Company, Wytheville, VA. Available at: <http://competitions.org/2008/12/results-roanoke-urban-effect-2008/>
- 2005 **Ali, Ahmed K.** (2005, July). Finalist in the Arab Cultural Center in Washington, DC. International Design Competition. Organized by The Mosaic Foundation Award, Washington DC, United States.
- 2001 **Ali, Ahmed K., Rifaat, A, Fawzy, T & Ali, M.** (2001 October). Second place in the Schools of Tomorrow National design Competition, Ministry of Education, Egypt.
- 1999 **Ali, Ahmed K.** (1999, March). First place in the Pre-Ms. Architecture Studies Competition Award, Faculty of Fine Arts, Alexandria, Egypt. (Built project).

## INVITED LECTURES AND PRESENTATIONS

- 2021 Invited by **Superuse Studios**, to lecture at the Master class Fontys University in Tilburg, The Netherlands. [superuse-studios.com](http://superuse-studios.com) - Partner of [Circular Design Collective](#). June 4, 2021.
- 2021 Invited to speak at **Stantec Architecture** Practice Leadership meeting “*Design Excellence Delivered Brilliantly*”. By Brent North and Rebel Roberts, Vice Presidents, Discipline Leaders - Architecture. April 20, 2021. Vancouver, British Columbia, Canada. <https://www.stantec.com>
- 2021 Invited to speak at the **University of Manitoba** Faculty of Architecture. March 19, 2021. Winnipeg, Canada.
- 2020 Invited as a **keynote speaker** to the GreenHomeNYC's October forum on the circular economy. Since 2002, GreenHomeNYC has been promoting an energy efficient and sustainable built environment and supporting green professional development in NYC. <https://www.eventbrite.com/e/monthly-forum-circular-economy-tickets-122778099601?aff=SMLI>
- 2020 Invited to chair and moderate a session on the role of architecture in the Circular Economy at the **EAAE-ARCC International Conference** hosted by the Higher Technical School of Architecture of the Polytechnic University of Valencia, Spain. [https://www.eaae-arcc-ic.upv.es/files/2020/11/EAAE\\_ARCC\\_CE-Flyer.pdf](https://www.eaae-arcc-ic.upv.es/files/2020/11/EAAE_ARCC_CE-Flyer.pdf)
- 2018 Invited as a **keynote speaker** to the **Circular Economy Roundup**, Austin Technology Incubator, The University of Texas at Austin. Sponsored by the City of Austin and Wells Fargo. October 16, 2018.
- 2018 Invited to speak at a panel session titled: **Around the World: Global ACSA**, at the 2018 ACSA Administrators Conference / École d'architecture – Université Laval – Québec. October 25-27, 2018, I Quebec City, Canada.
- 2018 Invited to speak at the **EAAE Research Academy Workshop**, Madrid, Spain. *Research through Design Studio*, The EAAE Research Academy (RA) is a think-tank, articulating and promoting common concerns and interest in architectural research. June 15, 2018.
- 2018 Invited to speak at the **US Business Council for Sustainable Development's** South-Central Regional Meeting in Austin, Texas. March 28, 2018.
- 2018 Invited as a **keynote speaker** to the Scandinavian architecture seminar **PLÅT18 in Malmo, Sweden**, with architect Moon Hoon. Previous speakers included: Ryue Nishizawa of SANAA, Caroline Bos of UN Studio, Kengo Kuma, Karolin Schmidbaur of Coop Himmelb(l)au, Robert Greenwood of Snøhetta, Farshid Moussavi, and William Zahner. March 6-11, 2018.
- 2014 Invited to speak at **Qatar University** College of Engineering, Doha, Qatar. *New Directions in Teaching & Research in Architecture & Urban Design*. May 19, 2014.
- 2014 Invited to speak at **Texas A&M University** College of Architecture, Texas, United States. *The Design Studio as a Research Laboratory in Construction, Structure & Tectonics*. May 6, 2014.

- 2014 Invited to speak at **Drexel University** Antoinette Westphal College of Media Arts & Design, Philadelphia, United States. *Sustainable Decisions in the design studio*. March 10, 2014.
- 2014 Invited to speak at **Bilkent University** Spring Faculty Lecture Series, Ankara, Turkey. *Hysterical Optimism: The Teaching of Architecture and the Architecture of Teaching: A Critical Discourse*. February 26, 2014.
- 2013 Invited to speak at the **United States Green Building Council (USGBC)**, Washington, DC, United States. *Next Generation Materials and Resources in LEED*. June 17, 2013.
- 2013 Invited to speak at **University of Miami** School of Architecture, FL, United States. *The Role of Traditional Construction in Contemporary Architecture: Building with Salt*. May 28, 2013.
- 2013 Invited to speak at the **University of Missouri-Columbia**, Department of Architectural Studies, Missouri, United States. *Building Technology, Practice and the Design Studio*, April 15, 2013.
- 2013 Invited to speak at the **University of Texas at San Antonio**, Department of Architecture, Texas, United States. *Building Construction Knowledge in the design studio*. February 7, 2013.
- 2012 Invited to speak at **South Dakota State University**, Department of Architecture, Brookings, SD, United States. *Construction Knowledge in Architectural Education*. May 9, 2012.
- 2012 Invited to speak at the **Louisiana Tech University**, School of Architecture, Ruston, Louisiana, United States. *Research, Teaching & Practice*. April 16, 2012.
- 2012 Invited to speak at Professor Bill Galloway Building Materials & Construction seminar, **Virginia Tech**, United States. *The Use of Salt in Vernacular Architecture*. October 30, 2012.
- 2010 Invited to speak at Prof. Hans Rott Seminar on Epistemology, **Blacksburg, Virginia**, United States. *On the Question of Meaning: The Sultan Hassan Complex in Cairo*. April 27, 2010.
- 2010 Invited to speak at Prof. Kay Edge Seminar, School of architecture + design, Blacksburg, **Virginia Tech**, United States. *Critical Discourse in Islamic Architecture*. March 2, 2010.
- 2008 Invited to speak at HEWV + VT International Design Professional Study Abroad (With J. Davis, R. Dunay, and D. Dunay) **HEWV**, Norfolk, Virginia, United States. November 15, 2008.
- 2007 Invited to speak at the Fall Faculty Lecture Series "Work". Study Abroad in Egypt (With Prof. Bill Green) School of architecture + design, **Virginia Tech**, United States. October 3, 2007.

## WORK CITED IN PRINTED AND DIGITAL PRESS

- 2021 Wilson, S. (2021, October 10). Saving the world with waste: Professor finds profitable uses for industrial by-products. *Innovations in Research & Creative Works, fall 2021 edition* (pp.48-52). Retrieved from <http://publications.arch.tamu.edu/Innovations-2021/Innovations2021.html#page=49>
- 2020 Zahner, W. (2020). *Steel Surfaces: A Guide to Alloys, Finishes, Fabrication, and Maintenance in Architecture and Art*. Wiley. (TAMU Living Wall presented as modular galvanized sheet metal system as a building façade.) Available at: <https://www.wiley.com/en-us/Steel+Surfaces%3A+A+Guide+to+Alloys%2C+Finishes%2C+Fabrication+and+Maintenance+in+Architecture+and+Art-p-9781119541622>
- 2020 Entrekin, M. (2020). Mass Timber. *The Forestry Report Podcast*. Available at: <https://podcasts.apple.com/us/podcast/dr-ahmed-ali-mass-timber/id1530695377?i=1000495391247>
- 2019 Reader, D. (2019, summer issue). Living wall showcases plants. On campus news from across Texas A&M. *Spirit Magazine, Texas A&M Foundation*. Retrieved from [https://www.txamfoundation.com/Summer-2019/On-Campus.aspx?utm\\_source=spirit-subs&utm\\_medium=email&utm\\_campaign=fdn\\_spirit-email\\_drip-1-subs\\_aug-2019#livingwall](https://www.txamfoundation.com/Summer-2019/On-Campus.aspx?utm_source=spirit-subs&utm_medium=email&utm_campaign=fdn_spirit-email_drip-1-subs_aug-2019#livingwall)
- 2019 Texas ASLA eNews. (2019, August 01). Future of flora. *Texas ASLA Industry News*. Retrieved from <http://www.multibriefs.com/briefs/TASLA/>
- 2019 LAM. (2019, June 20). Future of flora. *Living Architecture Monitor: Green Roofs for Healthy Cities*. <https://livingarchitecturemonitor.com/news/2019/6/20/future-of-flora>
- 2019 Umana, K. (2019, July 08). Rooted in research: A&M students and professors create living wall with native Texas plants. *The Battalion*. Retrieved from [http://www.thebatt.com/life-arts/rooted-in-research/article\\_cb598170-a1e8-11e9-a5a4-c7cc79e537f1.html](http://www.thebatt.com/life-arts/rooted-in-research/article_cb598170-a1e8-11e9-a5a4-c7cc79e537f1.html)
- 2019 Velazquez, A. (2019, June 18). First-of-its-kind living wall at Texas A&M designed to house native plants. *Green Roofs.Com*. Retrieved from <https://www.greenroofs.com/2019/06/18/first-of-its-kind-living-wall-at-texas-am-designed-to-house-native-plants/>
- 2019 Kuhlmann, S. (2019, July 02). Student-designed smart shades reflect a more sustainable future. *Texas A&M Engineering News*. Retrieved from <https://engineering.tamu.edu/news/2019/07/student-designed-smart-shades-reflect-a-more-sustainable-future.html>
- 2019 Henkhaus, L. (2019, June 17). Future of flora: First-of-its-kind living wall at Texas A&M designed to house native plants. *The Eagle*. Retrieved from [https://www.theeagle.com/news/first-of-its-kind-living-wall-at-texas-a-m/article\\_dd02c94e-90be-11e9-8e4a-7bdc79580ace.html?](https://www.theeagle.com/news/first-of-its-kind-living-wall-at-texas-a-m/article_dd02c94e-90be-11e9-8e4a-7bdc79580ace.html?)

- 2019 Landscape online.com. (2019, January 03). Texas A&M install new green wall made from recycled metal waste. *Landscape Architect & Specifier News*. Retrieved from <http://landscapeonline.com/articles/texas-am-installs-new-green-wall/30566>.
- 2018 Research @ Texas A&M. (2018, December 10). Living wall features Texas plants and sheet metal byproducts from autos. *Research @ Texas A&M*. Retrieved from <http://research.tamu.edu/2018/12/04/living-wall-combines-sheet-metal-from-junked-cars-with-native-plants/>
- 2018 Wilson, S. (2018, November 27). Innovative 'green' wall features sheet metal, native Texas plants. *archOne news*. Retrieved from <http://one.arch.tamu.edu/news/2018/11/27/arch-landscape-arch-profs-design-innovative-green-wall-waste-metal/>.
- 2018 Nira, R. (2018, November 8). Tech startup launch features Texas A&M architecture prof. *archOne news*. Retrieved from <http://one.arch.tamu.edu/news/2018/11/8/tech-startup-launch-features-texas-m-architecture-prof/>.
- 2018 Nira, R. (2018, September 20). Steel housing tower design earns honor for graduate arch student. *archOne news*. Retrieved from <http://one.arch.tamu.edu/news/2018/9/20/steel-housing-tower-design-earns-honor-graduate-arch-student/>.
- 2018 Chicago. (2018, September 10). Winners announced in 2018 steel design student competition. *Civil + Structural Engineer Magazine*. Retrieved from <https://csengineermag.com/winners-announced-in-2018-steel-design-student-competition/>
- 2018 Kungsbrosplan Stockholm. (2018, May 31). Bilspill blir fasad. *Svensk Byggplåt*. Retrieved from <https://www.svenskbyggplat.se/bilspill-blir-fasad/>.
- 2018 Wilson, S. (2018, April 13). Grad student places in prestigious international design competition. *archOne news*. Retrieved from <http://one.arch.tamu.edu/news/2018/4/13/march-student-third-international-lyceum-competition/>.
- 2018 Virginia Tech. (2018, February 1). Architecture alumnus receives 2018 ARCC new researcher award. *School of Architecture + Design News*, Retrieved from <https://archdesign.caus.vt.edu/news/architecture-alumnus-receives-2018-arcc-new-researcher-award/>
- 2018 Wides, S. (2018, April 3). Building posture: Glasgow school of art's driven voids of light and body dynamics. *Steven Myron Holl Foundation, Critical Research*. Retrieved from <https://www.stevenmyronhollfoundation.org/scholarship/>
- 2018 Wilson, S. (2018, February 20). Prof. lauded for waste-based industrial design solutions. *archOne news*. Retrieved from <http://one.arch.tamu.edu/news/2018/2/20/prof-lauded-waste-based-industrial-design-solutions/>.
- 2017 3BL. (2017, July 27). Texas A&M students create building envelope designs from automotive manufacturing scrap. *3BL Media.Com*. Retrieved from <https://www.3blmedia.com/News/Texas-AM-Students-Create-Building-Envelope->



Designs-GM-Manufacturing-Scrap.

- 2017 Wilson, S. (2017, September 19). Students working to transform shipping containers to clinics. *archOne news*. Retrieved from <http://one.arch.tamu.edu/news/2017/9/19/students-transform-shipping-containers-clinics/>.
- 2017 News Wheel. (2017, August 21). Texas A&M students participate in GM sustainable design competition. *The News Wheel*. Retrieved from <http://thenewswheel.com/texas-am-students-participate-in-gm-sustainable-design-competition/>
- 2017 Szymkowski, S. (2017, July 28). College students design buildings from GM manufacturing scrap and waste. *GM Authority*. Retrieved from <http://gmauthority.com/blog/2017/07/college-students-design-buildings-from-gm-manufacturing-scrap-and-waste>
- 2017 Oberc, C. (2017, July 27). Texas A&M students create building envelope designs from GM manufacturing scrap. *General Motors Green*. Retrieved from [https://www.generalmotors.green/product/public/us/en/GMGreen/home.detail.html/content/Pages/news/us/en/gm\\_green/2017/0727-texas-am-students.html](https://www.generalmotors.green/product/public/us/en/GMGreen/home.detail.html/content/Pages/news/us/en/gm_green/2017/0727-texas-am-students.html)
- 2017 Nira, R. (2017, June 22). Tier one program grants promote transformational learning projects. *archOne news*. Retrieved from <http://one.arch.tamu.edu/news/2017/6/22/multidisciplinary-projects-earn-tier-one-funding/>
- 2017 Morris, A. (2017, May 16). Students' design competition at Texas A&M explores a museum of waste. *Texas Architect Magazine*. Retrieved from <https://txamagazine.org/2017/05/16/student-design-competition-texas-explores-museum-waste/>.
- 2017 ACSA News Digest newsletter. (2017, January 12). ACSA councilor & architecture professor earn 2016 J. Regan interdisciplinary prize. *ACSA Regional News*. Retrieved from <https://www.acsa-arch.org/2017/01/12/texas-am-university-3/>
- 2017 Nira, R. (2017, February 21). Students' innovative designs sweep waste museum contest. *archOne news*. Retrieved from <https://one.arch.tamu.edu/news/2017/2/21/designs-waste-museum/>.
- 2016 NELMA. (2016, September). Winning designs on eastern white pine. *Building Products Digest*. (pp.46). Retrieved from [https://issuu.com/building-products/docs/bpd\\_9-16/46](https://issuu.com/building-products/docs/bpd_9-16/46)
- 2016 Texas A&M Today. (2016, December 19). Architecture Professor earns 2016 J. Thomas Regan interdisciplinary prize. *Texas A&M Today*. Retrieved from <http://today.tamu.edu/2016/12/19/architecture-prof-earns-2016-regan-interdisciplinary-prize/>.
- 2016 Nira, R. (2016, July 21). LAND students' master plans turn historic block into city destination. *archOne news*. Retrieved from <https://one.arch.tamu.edu/news/2016/7/21/land-master-plans-turn-historic-block/>



- 2016 Nira, R. (2016, July 22). Students design & build structure to house farmers' market in Bryan. *archOne news*. Retrieved from <https://one.arch.tamu.edu/news/2016/7/22/students-design-build-structure-local-farmers-market/>.
- 2016 Nira, R. (2016, May 20). Student wins contest reimagining Kimbell Art Museum in wood. *archOne news*. Retrieved from <https://one.arch.tamu.edu/news/2016/5/20/museum-reimagined-in-wood/>.
- 2016 SVDW. (2016, April 30). Winners announced First Place. *Sustainable Versatility Design Award*. Retrieved from <http://sustainableversatility.org/past-award/2016-first/>.
- 2016 Francisco, E. (2016, March 30). A new building in Bryan, designed for a students' design competition, may soon rise. *Texas Architect Magazine*. Retrieved from <https://txamagazine.org/2016/03/26/new-building-bryan-designed-student-design-competition-may-soon-rise/>.
- 2015 Roling, P. (2015, April 20). Students' residential designs win both awards in national contest. *archOne news*. Retrieved from <https://one.arch.tamu.edu/news/2015/4/20/residential-designs-top-national/>.
- 2015 NELMA (2015, April 20). Winners announced first place: Bryan showcase house. *Sustainable Versatility Design Award*. Retrieved from <http://sustainableversatility.org/past-award/2015-first/>.
- 2015 NELMA (2015, April 20). Winners announced second place: Single family home. *Sustainable Versatility Design Award*. Retrieved from <http://sustainableversatility.org/past-award/2015-second/>.
- 2015 Roling, P. (2015, December 2). Competition yields designs for multifaceted community center. *archOne news*. Retrieved from <https://one.arch.tamu.edu/news/2015/12/2/community-center/>.
- 2014 Bilkent University (2014, September 29). Bilkent architecture students at the Venice Biennale. *Bilkent News*. Retrieved from <http://bilnews.bilkent.edu.tr/bilkent-architecture-students-at-the-venice-biennale/>.
- 2014 Bilkent Architecture (2014, May 19). The Kilim project: Full scale study model on display at the Meteksan plaza. *Bilkent News*. Retrieved from [http://arch.bilkent.edu.tr/works/1402\\_arch251.html](http://arch.bilkent.edu.tr/works/1402_arch251.html)
- 2011 Brunais, A. (2011, October 11). From Tanzania to Thailand: Virginia Tech students learn about study abroad programs. *Virginia Tech News*. Retrieved from <https://vtnews.vt.edu/articles/2011/10/101111-outreach-studyabroadfair.html>.
- 2009 Chadwick, H. R. (2009, July 1). Book featuring Grand Egyptian Museum design proposals by Ahmed Ali published. *Virginia Tech News*. Retrieved from <https://vtnews.vt.edu/articles/2009/07/2009-509.html>.
- 2009 Chadwick, H. R. (2009, May 5). Urban planning, architecture, landscape architecture projects underway for Roanoke. *Virginia Tech News*. Retrieved from <https://vtnews.vt.edu/articles/2009/05/2009-386.html>.

## TEACHING

### TEACHING AREAS

Architectural Design Studios for Graduate and Undergraduate Students  
Structure, Construction and Tectonics, Building Materials and Assemblies,  
Integrated Design and Construction, Traditional & Digital Crafts, Design + Build.

### TEACHING EXPERIENCE

#### *Design Studios, Courses and Seminars Taught*

<b>Texas A&amp;M Department of Architecture</b>	Master of Architecture Thesis/Final Studies (Graduate)
	Architectural Design Studios (Graduate and Undergraduate)
	Elements of Architecture (Building Materials and Methods Lecture Course)
	Advanced Building Materials & Construction Research in Architecture (Graduate)
	Interdisciplinary Design + Build Studio (Undergraduate)
Spring 2022	ARCH 658   Building Materials and Assemblies (Graduate)
Spring 2022	ARCH 685   Directed Studies (1 M.Arch. students)
Spring 2022	ARCH 691   Research (1 Ph.D. student)
Fall 2021	ARCH 685   Directed Studies (1 M.Arch. student)
Fall 2021	ARCH 691   Research (2 Ph.D. students)
Fall 2021	ARCH 605   Architectural Design Studio I (Graduate)
Fall 2021	ARCH 658   Building Materials and Assemblies (Graduate)
Spring 2021	ARCH 658   Building Materials and Assemblies (Graduate)
Spring 2021	ARCH 406   Architectural Design Studio (Undergraduate)
Spring 2021	ARCH 685   Directed Studies (2 M.Arch. students)
Spring 2021	ARCH 691   Research (2 Ph.D. students)
Fall 2020	ARCH 658   Building Materials and Assemblies (Graduate)
Fall 2020	ARCH 305   Architectural Design Studio (Undergraduate)
Fall 2020	ARCH 685   Directed Studies (2 M.Arch. Students)
Fall 2020	ARCH 691   Research (2 Ph.D. students)
Spring 2020	SEMINAR   Building Materials and Construction II (Graduate)
Spring 2020	ARCH 685   Directed Studies (8 M.Arch. Final Studies Graduate Students)
Spring 2020	ARCH 691   Research (2 Ph.D. students)
Fall 2019	ARCH 605   Architectural Design Studio I (Graduate)
Fall 2019	SEMINAR   Building Materials and Construction I (Graduate)
Fall 2019	ARCH 691   Research (2 Ph.D. students)
Fall 2019	ARCH 685   Directed Studies (8 M.Arch. Final Studies Graduate Students)
Summer 2019	ARCH 691   Research (1 Ph.D. student)
Spring 2019	ARCH 606   Architectural Design Studio II (Graduate)
Spring 2019	SEMINAR   Building Materials and Construction II (Graduate)
Spring 2019	ARCH 685   Directed Studies (3 M.Arch. Final Studies Graduate Students)
Spring 2019	ARCH 691   Research (1 Ph.D. student)

Fall 2018 ARCH 605 | Architectural Design Studio I (Graduate)  
 Fall 2018 SEMINAR | Building Materials and Construction I (Graduate)  
 Fall 2018 ARCH 685 | Directed Studies (1 M.Arch. student + 2 Ph.D. students)  
 Spring 2018 ARCH 606 | Architectural Design Studio II (Graduate)  
 Spring 2018 ARCH 685 | Directed Studies (4 M.Arch. Final Studies Graduate Students)

Fall 2017 ARCH 605 | Architectural Design Studio I (Graduate)  
 Fall 2017 ARCH 685 | Directed Studies (4 M.Arch. Final Studies Graduate Students)  
 Summer 2017 ARCH 603 | Career Change Architectural Design Studio (Graduate)  
 Spring 2017 ARCH 608 | Final Study Architectural Design Studio (Graduate)  
 Spring 2017 ARCH 685 | Directed Studies (2 M.Arch. Final Studies Graduate Students)

Fall 2016 ARCH 605 | Architectural Design Studio I (Graduate)  
 Fall 2016 ARCH 689 | Advanced Building Materials & Construction Research (Graduate)  
 Fall 2016 ARCH 685 | Directed Studies (2 M.Arch. Final Studies Graduate Students)  
 Summer 2016 ARCH 603 | Career Change Architectural Design Studio (Graduate)  
 Spring 2016 ARCH 693 | Professional Studies (2 M.Arch. Final Studies Graduate Students)  
 Spring 2016 ARCH 489 | Elements of Architecture (Graduate and Undergraduate)  
 Spring 2016 ARCH 406 | Design + Build Interdisciplinary Studio (Undergraduate)

Fall 2015 ARCH 685 | Directed Studies (Graduate)  
 Fall 2015 ARCH 607 | Architectural Design Studio (Graduate)  
 Summer 2015 ARCH 406 | Architectural Design Studio (Undergraduate)  
 Spring 2015 ARCH 206 | Architectural Design Studio (Undergraduate)

**Bilkent University  
Department of Architecture**

ARCH 203 | Study Abroad in Italy (with Giorgio Gasco) (Undergraduate)  
 FA 102 | Basic Design (Foundation Design Studio) (Undergraduate)  
 ARCH 252 | Design/Build Lab (Undergraduate)  
 ARCH 252 | Construction and Building Materials (Undergraduate)  
 ARCH 251 | Architectural Building Systems (Undergraduate)  
 ARCH 201 | Architectural Design Studio (Undergraduate)

**Virginia Tech  
School of architecture +  
design**

BC 4444 | Design Build Capstone Project (Undergraduate)  
 ARCH 5566 | Integrated Design and Construction (Graduate)  
 ARCH 5565 | Building Technology (Graduate)  
 ARCH 5566 | Building Materials and Construction (Graduate)  
 ARCH 5705 | Architecture and Urbanism Seminar (Graduate)  
 ARCH 5064 | Computer Applications in Design (Graduate and Undergraduate)  
 ARCH 5715 | Architecture and Urbanism Laboratory (Graduate)  
 ARCH 5716 | Thesis Book Documentation (Graduate)

**Arab Academy for Science  
and Technology**

Study Abroad in Architecture and Urbanism (Undergraduate)  
 Architecture of Egypt, Time, and Place | Summer International Course  
 (Undergraduate)  
 Architectural Design IV | Summer Design Studio (Undergraduate)

**Alexandria University Faculty  
of Fine Arts**

Foundation and Second Year Design Studios (Undergraduate)  
 Second Year Building and Construction Drawings (Undergraduate)  
 Third Year Environmental Design and Landscape Architecture (Undergraduate)  
 Fifth Year Urban Design and Planning | Final Graduation Project (Undergraduate)

**GRADUATE STUDENT ADVISING****(CHAIR) DOCTOR OF PHILOSOPHY IN ARCHITECTURE**

- Expected 12/2022 **Sandra Hernandez**, Ph.D. Student  
Dissertation Title: *Knowledge transfer in the 16<sup>th</sup> century bridge construction from Spain to Guatemala: a comparative study in construction technology, and hybridity in masonry bridges.*
- Graduated 12/2021 **Patricia Kio**, Ph.D.  
Dissertation Title: *Activating Circular Economy through Industrial Symbiosis: A Case Study of a Novel Modular Living Wall System.*

**(CHAIR) MASTER OF ARCHITECTURE**

- Expected 5/2022 **Kyle Gage**, M.Arch. Candidate  
Title: Food for Thought
- Graduated 5/2021 **Uran Sokoli**, M.Arch. Candidate  
Title: Hot Warm Cold: Reintroducing the Public Bath House to the American Society, Austin, TX. [http://dept.arch.tamu.edu/student-work/celebration-excellence/2021/2021book\\_Sokoli.pdf](http://dept.arch.tamu.edu/student-work/celebration-excellence/2021/2021book_Sokoli.pdf)
- Graduated 5/2020 **Brittany Flowers**, M.Arch. (Top overall student in the 2020 Celebration of Excellence)  
Title: *TA-TU: the relationship between Art, Architecture, and Light.* Denver, Colorado. <http://dept.arch.tamu.edu/student-work/celebration-excellence/2020/Final-Study-TA-TU-1.pdf>
- Graduated 5/2020 **Michael Irving**, M.Arch. Intern at Zahner Metals, Kansas City, MO.  
Title: *Metal Spaces: Architecture for Donald Judd Art.* Dallas, Texas. Available at: <http://dept.arch.tamu.edu/common/rich-media/final-study-books/Final-Study-2020-Architecture-as-Art.pdf>
- Graduated 5/2020 **Ziyang Li**, M.Arch.  
Title: *POLA: A Waste to Energy Center in LA, California.* Available at: <http://dept.arch.tamu.edu/student-work/celebration-excellence/2020/Final-Study-POLA.pdf>
- Graduated 5/2020 **Eric Liao**, M.Arch.  
Title: *FRAME: Independent Living Aging Community in Taiwan.* Available at : <http://dept.arch.tamu.edu/common/rich-media/final-study-books/Final-Study-2020-Frame.pdf>
- Graduated 5/2019 **Jace M. Bentle**, M.Arch. Planning Consultant at Jacobs, Dallas, TX.  
Title: *Queens Crossings: Tall Mass Timber Mixed-use Facility in Queens, New York)* ACSA Timber in the city competition 2019.
- Graduated 5/2018 **Xiao Wang**, M.Arch. Architectural Intern at Thalden Boyd Emery Architects, Saint Louis, MO.  
Title: *Finding Lost Spaces: Mixed-use mass timber construction in China Town.* Seattle, WA. (Top 5 in the Celebration of Excellence)

- Graduated 5/2018 **Yingzhe Duan**, M.Arch. Intern Architect at HKS, Inc, Dallas, TX.  
*Zaha Hadid Architects, China*  
 Title: *Benghazi Neuroscience Institute, Benghazi, Libya*
- Graduated 5/2018 **Panwang Huo**, M.Arch. Architect at Arata Isozaki, Shanghai, China.  
 Title: Memory of Maple Wood: City of Guelph Market Hall, Ontario, Canada)  
 (Award Winning entry) (Top overall student in the 2018 Celebration of Excellence)
- Graduated 5/2018 **Shellie Saqib**, M.Arch. Design Project Manager at McCann Design Group, Palm Beach, FL.  
 Title: *The Architecture of the Threshold: A Mixed-use public/private partnership in Austin, Texas*)
- Graduated 5/2017 **Sandra Hernandez**, M.Arch. Ph.D. student at Texas A&M Architecture  
 Title: *New Vernacular in Guatemala: A Museum for Traditional Construction in Los Esclavos* (Top 10 in the Celebration of Excellence)
- Graduated 5/2016 **Eric Opperman**, M.Arch., AIA. Architect at SZH Architecture, Bryan, TX.  
 Title: *Timber City: Joinery in Architecture and Urbanism, Lower East Side Manhattan, NY.*
- Graduated 5/2016 **Zach Wise**, M.Arch. Project Manager at High Plains Architects, P.C., Billings, Montana  
 Title: *Urban Marketplace: Reviving the Urban Market Place in Austin, TX.* (Top 10 in the Celebration of Excellence).

(CO-CHAIR) MASTER OF ARCHITECTURE

- Graduated 5/2021 **Dezhong Wang**, M.Arch. Candidate  
 Title: Prefabricated healthcare modules for surge hospitals, NY.
- Graduated 5/2020 **Christina Vaughn**, M.Arch.  
 Title: Three Sisters: *A Farm to Table Culinary Arts School in Texas.* Available at: <http://dept.arch.tamu.edu/student-work/celebration-excellence/2020/Final-Study-Three-Sisters-1.pdf>
- Graduated 5/2020 **Ruiwen Tang**, M.Arch.  
 Title: Architecture for Aging: *A Micro Hospital with Geriatric Emergency Department.* Available at: <http://dept.arch.tamu.edu/student-work/celebration-excellence/2020/Final-Study-Inclusive-1.pdf>
- Graduated 5/2020 **Jiaxin Yun**, M.Arch.  
 Title: Green Box: *Children's health center in a personalized, family-centered environment.* Available at: <http://dept.arch.tamu.edu/student-work/celebration-excellence/2020/Final-Study-The-Green-Box.pdf>
- Graduated 5/2017 **Jaechang Ko**, M.Arch. Gensler Technical Designer, Austin, TX  
 Title: *Diagram Architecture; the limitations of diagram architecture in healthcare design.* (Finalist in the Celebration of Excellence)

(MEMBER) MASTER OF ARCHITECTURE

- Graduated 5/2020 **Brittany Bock**, M.Arch.  
Title: *La Grange, Texas "Queen City of the Colorado Valley"* Available at:  
<http://dept.arch.tamu.edu/student-work/celebration-excellence/2020/Final-Study-LaGrange-Community-Resource-Center.pdf>
- Graduated 5/2019 **Yiming Du**, M.Arch. Project Coordinator at E4H Environments for Health Architecture, NY.  
Title: *Healthcare Facility in Salt Lake City, Utah.*
- Graduated 5/2019 **Sana Sanjeev Khadepaun**, M.Arch. Architectural Intern at GLMV Architecture, Houston, TX.  
Title: *Urban Meal Mine. A Food Market in London, UK.*

(MEMBER) MASTER OF LANDSCAPE ARCHITECTURE

- Graduated 5/2021 **Shijia Yang**, M.L.A. Candidate  
Thesis Title: Commercial redevelopment with LID, at Downtown Bryan, TX.
- Graduated 5/2016 **Jingwen Lu**, M.L.A.  
Thesis Title: *Masterplan of the Historic Hoppess Site in Downtown Bryan, TX.*

(MEMBER) MASTER OF URBAN PLANNING

- Graduated 5/2018 **Manasvini Thiagarajan**, M.U.P.  
Urban Planner at the City of Shreveport, Louisiana.  
Thesis Title: *Low-Impact Housing Development in Coastal Communities in Texas.*

(MEMBER) MASTER OF LAND AND PROPERTY DEVELOPMENT

- Graduated 5/2019 **Jace M. Bentle**, M.L.P.D .  
Thesis Title: *Land and Property Development in Texas.*

(MEMBER) MASTER OF SCIENCE IN MECHANICAL ENGINEERING

- Graduated 8/2019 **Jewel M. Williams**  
Thesis Title: *Opportunities of Applying System Analysis to the US Waste Management System; Bio-Inspired Solutions for a More Circular Economy.*  
Available at <https://oaktrust.library.tamu.edu/handle/1969.1/186416>

(MEMBER) MASTER OF CONSTRUCTION SCIENCE

- Graduated 5/2021 **Talha Bin Najam**, MS COMG  
Non-Thesis Option
- Graduated 5/2021 **Keerthana Baskaran**, MS COMG  
Non-Thesis Option

## SIGNIFICANT STUDENT RECOGNITIONS

*Mentoring / Design Competitions / Awards (Peer Reviewed)*

### 2021 **Uran Sokoli**

Awarded Second Place in the ACSA/AISC 2021 Steel Design Student Competition, Category II: Open. The Association of Collegiate Schools of Architecture (ACSA) and the American Institute of Steel Construction (AISC). <https://www.acsa-arch.org/competitions/2021-steel-competition/category-2/#toggle-id-2>. The jury included: Emily Guglielmo, Martin/Martin Consulting Engineers; Dana Gulling, North Carolina State University; & Jin Young Song, University at Buffalo, SUNY.

*Role: M.Arch. Final Study Committee Chair.*

Recipient of the Edward Allen Student Award of the year.

The Edward Allen Student Award is the highest honor given by the Building Technology Educators' Society (BTES) recognizing students—who, over their academic career—have demonstrated commitment, passion, curiosity, and excellence in the integration of building technology and architectural design. <https://btes.org/BTES/awards/ed-allen-award>

*Role: M.Arch. Final Study Committee Chair.*

### 2021 **Patricia Kio**, Ph.D. Candidate in architecture at Texas A&M University.

Invited as a keynote speaker to High-level international event on circular economy. Construction Goes Circular conference. October 12, 2021, Lahti, Finland. Presentation title: *Efficacy of the Architect in Circular Economy*.

<https://www.peikko.com/campaign/construction-goes-circular-conference/>

*Role: Ph.D. Committee Chair.*

### 2020 **Panwang Huo, Niti Tataria, Karishma Joshi, Haoyue (Karma) Yang, Yu Shi, Yuanjia Yang.**

Honor Award winner for 2020 International competition at the American Society of Landscape Architects (ASLA) Student Collaboration category. (Custom Living Wall from Industrial Waste-stream). From 560 eligible entries, of which only 35 received an award. <https://www.asla.org/2020studentawards/1305.html>

*Role: Faculty Advisor with Professor Bruce Dvorak.*

### 2020 **Brittany Flowers**

Top overall Final Studies student in the Department of Architecture Celebration of Excellence, May 2020. Best Juried project.

*Role: M.Arch. Final Study Committee Chair.*

### 2020 **Panwang Huo, Niti Tataria, Karishma Joshi, Haoyue (Karma) Yang, Yu Shi, Yuanjia Yang.**

Merit Award, 2020 Texas ASLA Student Awards (Custom Living Wall).

*Role: Faculty Sponsor with Professor Bruce Dvorak.*

### 2019 **Patricia Kio**, Ph.D. Candidate in architecture at Texas A&M University.

Best Ph.D. Research poster in the 2019 Department of Architecture Celebration of Excellence.

*Role: Ph.D. Committee Chair.*

- 2019 **Sana Khadepaun**, Architectural Intern at GLMV Architecture, Houston, TX.  
Selected as one of Top 30 shortlisted projects. URBAN MEAL MINE Sustainable farming for megacities, London, UK.  
<https://one.arch.tamu.edu/news/2019/5/2/urban-produce-growing-project-earns-honor-m-arch-student/>  
*Role: M.Arch. Final Study committee member.*
- 2018 **Kengo Kawagashira**,  
*Margin*. Awarded an Honorable Mention from 300 submissions / 900 participants in the Association of Collegiate Schools of Architecture (ACSA) and the American Institute of Steel Construction (AISC) 2018 Steel Competition (Affordable Housing Category). (pp.38-43). ACSA Press Washington DC. ISBN: 978-1-944214-17-3.  
<https://www.acsa-arch.org/competition-winners/honorable-mention-affordable-housing-margin/>  
*Role: ARCH 606 Spring 2018 Studio Instructor.*
- 2018 **Xiao Wang**, Architectural Intern at Thalden Boyd Emery Architects, Saint Louis, Missouri.  
Selected as one of the top five Final Studies students in the Department of Architecture Celebration of Excellence, May 2018. Best Juried project.  
*Role: M.Arch. Final Study Committee Chair.*
- 2018 **Sandra Hernandez**, Ph.D. student in architecture at Texas A&M University.  
Best Ph.D. Research poster in the Department of Architecture Celebration of Excellence, May 2018.  
*Role: Ph.D. Committee Chair.*
- 2018 **Panwang Huo**, Architect at Arata Isozaki, Shanghai, China.  
Top overall Final Studies student in the Department of Architecture Celebration of Excellence, May 2018. Best Juried project.  
*Role: M.Arch. Final Study Committee Chair.*
- Lyceum Fellowship winner and third prize in the City of Guelph market Hall design competition (\$3500 and one-month travel fellowship). <https://lyceum-fellowship.org/2018>  
*Role: M.Arch. Final Study Committee Chair.*
- 2017 **Jaechang Ko**, Gensler Technical Designer, Austin, TX.  
Finalist (top five) Final Studies student in the Department of Architecture Celebration of Excellence, May 2017. Best Juried project.  
*Role: M.Arch. Final Study Committee Co-Chair.*
- 2016 **Yingzhe Duan**, Intern Architect at HKS, Inc, Dallas, TX.  
Houston Museum of Waste (First Place) 2016 TAMU Students Design Competition Sponsored by GM, US BCSD, and Zahner. Dec. 12, 2016.  
<https://magazine.texasarchitects.org/2017/05/16/student-design-competition-texas-explores-museum-waste/>  
*Role: ARCH 605 Studio Instructor.*
- 2016 **Sandra Hernandez**, Ph.D. student in architecture at Texas A&M University.  
Top Ten Final Studies student in the Department of Architecture Celebration of Excellence, May 2016. Best Juried project.  
*Role: M.Arch. Final Study Committee Chair.*



- 2016 **Panwang Huo**, Architect at Arata Isozaki, Shanghai, China.  
Houston Museum of Waste (Second Place) 2016 TAMU Students Design Competition. Sponsored by GM, US BCSD, and Zahner. Dec. 12, 2016.  
*Role: ARCH 605 Studio Instructor.*
- 2016 **Jaechang Ko**, Gensler Technical Designer, Austin, TX.  
Reimagining Kimbell Art Museum in Wood (First Place) Sponsored by Northeastern Lumber Manufacturers Association (NELMA) Competition. May 2016. Published in *Building Products Digest*. Winning designs on eastern white pine. September 2016 Edition (pp.46). [https://issuu.com/building-products/docs/bpd\\_9-16/46](https://issuu.com/building-products/docs/bpd_9-16/46).  
*Role: M.Arch. Final Study Committee Co-Chair.*
- 2016 **Tianchen Nie**  
Houston Museum of Waste (Third Place) 2016 TAMU Students Design Competition. Sponsored by GM, US BCSD, and Zahner. Dec. 12, 2016.  
*Role: ARCH 605 Studio Instructor.*
- 2016 **Zach Wise**, Project Manager II at High Plains Architects, P.C., Billings, Montana.  
Top Ten Final Studies student in the Department of Architecture Celebration of Excellence, May 2016. Best Juried project.  
*Role: M.Arch. Final Study Committee Chair.*
- 2015 **Jack Searcy**, Architectural Intern at Corgan, Dallas, TX.  
Bryan Showcase House (First Place). Sponsored by Northeastern Lumber Manufacturers Association 2015 Competition. May 2015.  
<http://sustainableversatility.org/past-award/2015-first/>  
*Role: ARCH 206 Studio Instructor.*
- 2015 **Rebecca Diaz**, Interior Designer at Torregrossa Interiors, Houston, TX.  
Single Family Home (Second Place). Sponsored by Northeastern Lumber Manufacturers Association 2015 Competition. May 2015.  
<http://sustainableversatility.org/past-award/2015-second/>  
*Role: ARCH 206 Studio Instructor.*

## SERVICE

### SERVICE TO THE DISCIPLINE

- 2022 Invited member of the Scientific Committee for the third edition of the **Valencia International Biennial of Research in Architecture**, 3<sup>rd</sup>  
VIBRArch: <https://www.vibrarch2022.upv.es/>. November 9-11, 2022.
- 2022 Session Moderator, the ARCC/EAAE 2022 International Conference: Resilient City: Physical, Social, and Economic Perspectives, March 2-5, 2022, hosted by Florida International University in Miami. Architectural Research Centers Consortium.
- 2021 Invited member of the Technical Advisory Committee to the **Loopt Foundation**.  
<https://www.loopt.org>
- 2021 Invited member of the management Committee, **The Construction History Society of America** (CHSA)
- 2021 Invited guest editor to the special edition of **ENQ: The ARCC Journal**. *Architecture, Waste, and the Circular Economy*. <https://arcc-journal.org/index.php/arccjournal/index>
- 2021 Invited member/peer reviewer of the Scientific Committee for the **BTES Conference: Out of Bounds: Crossing Disciplines in Teaching Technology, and there are several topical tracks: Time, Measurement, Land, Low-Tech, High-Tech, and Practice**. Auburn University on June 10-12
- 2021 Invited member/peer reviewer of the Scientific Committee for the **ARCC 2021 Conference: Performative Environments**. The conference will be held in Tucson, AZ and will be hosted by the University of Arizona on 7-10 April 2021.
- 2020-2021 Invited juror to the Autumn 2020 and Spring 2021 third-year Architectural Design Studio at the **Universitat Politècnica de València**. Professor Débora Domingo-Calabuig. PhD.
- 2020 Invited guest reviewer to the Fall 2020 ARCH 553 Integrated Architectural Design Studio at the **University of Idaho**. Professor Carolina Manrique Hoyos, PhD.
- 2020 Nominated to the **Architectural Research Centers Consortium** (ARCC) Board of Directors at large director position 2020 elections. <http://www.arcc-arch.org/arcc-2020-board-nominations/>
- 2020 Invited to speak at the **European Association for Architectural Education (EAAE)** Research Academy meeting in Valencia, Spain. November 12, 2020.
- 2020 Invited member/peer reviewer of the Scientific Committee for the EAAE/ARCC International Conference hosted by the Higher Technical School of Architecture of the **Universitat Politècnica de València, Spain**. November 10-14, 2020.
- 2019 Invited book reviewer for **Routledge, Taylor and Francis**.

- 2019 Invited External Reviewer to the graduate architecture thesis at **North Dakota State University**, Department of Architecture, Fargo, North Dakota.
- 2019 Invited Jury Member to the **2019 Portman Prize** (with Franca Turbiano (PENN Design), Nicole R. Bouchard, University of Wisconsin Milwaukee, and Emanuel Admassu, Rhode Island School of Design, for the KSU 3<sup>rd</sup> Portman Prize at **Kennesaw State University**.
- 2018 Invited member of the peer review committee, Architectural Research Centers Consortium **ARCC 2019 Conference: Future Praxis: Applied Research as a Bridge Between Theory and Practice**. Toronto, Canada.
- 2018 Invited External Reviewer to the integrated graduate design studio of Professor Rafael Longoria. **University of Houston**, Texas. November 28, 2018.
- 2018 Appointed as a member of the **Association of Collegiate Schools of Architecture (ACSA) Leadership Committee**. International Engagement.
- 2018 Invited External Reviewer to the graduate and undergraduate design studio of Professors Peter Raab, Rafael Beneytez-Duran, Bennett Neiman, Kristine Stiphany, Armando Rigau, Charles Sharpless and Saif Haq. **Texas Tech University**, Texas., May 7, 8, 2018.
- 2017 Nominated by the ACSA Board of Directors to the At-Large Director Position for the 2018 election. **Association of Collegiate Schools of Architecture**. November 8, 2017. <https://www.acsa-arch.org/2018/02/16/2018-acsa-board-candidates-results/>
- 2017 Invited peer reviewer and member of the Scientific Committee, **The Construction History Society of America** biennial meeting at the University of Maryland on May 24-26, 2018.
- 2017 Invited Reviewer, **U.S. Environmental Protection Agency** 14th Annual P3 Awards: National Student Design Competition for Sustainability Program.
- 2018–2020 Invited Reviewer, **Journal of Engineering, Construction and Architectural Management (ECAM)**
- 2017–Present Invited member of the Editorial Advisory Board, **Cambridge Scholars Publishing**, New Castle, United Kingdom.  
<https://www.cambridgescholars.com/t/AdvisoryBoardAhmed>
- 2017–2020 Invited Reviewer, **Journal of Technology | Architecture + Design (TAD)**
- 2016–2020 Invited Reviewer, **Journal of Architectural Education (JAE)**
- 2014–2020 Invited Reviewer, **Journal of Construction Education and Research (ARC)**
- 2011–2016 Invited Associate Editor, **International Journal of Environmental, Cultural, Economic and Social Sustainability**. University of Illinois, Champaign, Illinois.

- 2016 Invited External Reviewer for the integrated graduate design studio of Professors Dietmar Froehlich, Marta Rodriguez Fernandez, Rafael Longoria, and Fernando Brave. **University of Houston**, Texas., April 25, 2016.
- 2013 Invited Thesis Review Guest Critique, **Washington Alexandria Architecture Center (WAAC)**, Alexandria, Virginia. Invited by Professor Jan Holt. Spring Semester 2013.
- 2008–2013 Invited Design Review Panel Member, **Community Design Assistance Center (CDAC)**, Town of Blacksburg, Virginia. Invited by Elizabeth Gilboy.

### SERVICE TO THE DEPARTMENT | COLLEGE | UNIVERSITY

- 2021 – Present **Chair** of the M.Arch. Committee
- 2021 **Member** of the Department of Architecture Faculty Search committee
- 2020–2021 **Member** of the Department of Architecture Scholarship committee.
- 2020 **Member** of the College of Architecture Outstanding Alumni Selection Committee.
- 2019 Invited **panelist** to the 50<sup>th</sup> Anniversary Celebration for the Texas A&M College of Architecture Discovery Day. Featuring selected faculty who are engaged in cutting edge scholarship and creative activity. November 15, 2019.
- 2019 Invited as a **session chair/moderator**: *Sustainability and Circular Economy* at the Energy Research Society for the 2019 Texas A&M Conference on Energy. September 23-25, 2019.
- 2019 **Invited reviewer** for the X-Grant Program round 2, Texas A&M University
- Fall 2018 **Invited juror** for ARCH 305 Santa Chiara Study Center Castilion Fiorintino, Italy.
- 2017–2019 **Member** of the Thomas Regan Prize selection committee.
- 2018–2021 **Member** of the Ms.Arch. and Ph.D. Committee.
- 2018 **Member**, Linda J Todd - Outstanding Support Staff Award Selection Committee
- 2016–2021 **Elected ACSA Councilor** for Texas A&M University, Association of Collegiate Schools of Architecture (ACSA).
- 2017 Invited lecturer to the College of Science, Department of Mathematics, Texas A&M. *Alternative Building Skins Design and Fabrication*. November 2, 2017.
- 2017 **Coordinator** of the inaugural ARCH 608 Final Study Studios, Spring 2017.
- 2017–2019 **Chair** of the Design Pedagogy Committee.
- 2016–2018 **Member** of the Advanced Architectural Design Committee.
- 2016–2018 **Member** of the Lecture Series Committee.

- 2016–2018 **Reviewer** of the Graduate Romieniec Fellowship.
- 2016–Present **Full Member** of the Graduate Faculty at Texas A&M University.
- 2015–2019 **Member** of the M.Arch. Committee.
- 2007–2010 **Member** of the Diversity Committee, CAUS, Virginia Tech.

### SERVICE TO THE CITY | COMMUNITY | OUTREACH

- 2019–Present Invited member to the **Houston Climate Action Plan** Team: The Climate Solutions Community, AIChE Institute for Sustainability. Climate Solutions for Texas (CSTX). To engage with the City of Houston on their Climate Action Plan.
- 2019 Bowie Elementary School Adaptive Reuse, Build Nothing | Transform Everything. A 15-story office building at the Bowie school site. **City of Bryan**, Fall 2019.
- 2018 Bowie Elementary School Adaptive Reuse, Build Nothing | Transform Everything. A Culinary Arts School of Texas (CAST) at the Bowie school site. **City of Bryan**, Fall 2018.
- 2016 Bryan Urban Farmers Market, Design + Build service-learning real project for the Brazos Valley Farmers Association, the **Hoppess Foundation**, and the **City of Bryan**. Spring 2016.
- 2016 Master plan Development for the **Coulter and Lilly Rush Hoppess Foundation** site | in collaboration with Bruce Dvorak, LAUP graduate students, and the City of Bryan. Spring 2016.
- 2015 Rio de Los Brazos de Dios Visitor Center | Design competition for the Brazos Valley Visitor Center with the **Coulter & Lilly Rush Hoppess Foundation** and the **City of Bryan**. Fall 2015.
- 2015 Elements of Architecture Catalogue | Documentation and analysis of the **City of Bryan** fifteen elements of architecture to complement the city master plan. Summer 2015.
- 2015 Downtown **Bryan Master plan 2001 Update** | Revisiting the 2001 master plan document to update the design and development of fifteen key buildings. Summer Semester 2015.
- 2015 Bryan Sustainable Versatility Single Family Housing | Schematic design proposals for fifteen single-family houses for the **City of Bryan Community Development Site**. Spring 2015.

## LEADERSHIP INITIATIVES

- 2019 / 2022 **Texas Masonry Day Competition** organized and mentored 32 graduate students in the inaugural Texas Masonry Day Competition in collaboration with the Texas Masonry Council (TMC). October 23, 2019. February 23, 2022
- 2016–Present **TAMU and US BCSD Memorandum of Understanding** “From Waste to Opportunity” College of Architecture, Texas A&M University and United States Business Council for Sustainable Development (US BCSD). June 2, 2016.
- 2016–Present **Founder and Director**, Resource-Based Design Research Lab (RBDR/Lab) College of Architecture, Texas A&M University, United States.
- 2013–2014 **Director**, Building Technology, Fabrication and Materials Lab (BT-FML) Department of Architecture, Bilkent University, Turkey.
- 2013–2014 **Program Founder and Leader**, Study Abroad in Italy Department of Architecture, Bilkent University, Turkey.
- 2007–2012 **Program Founder and Leader**, Study Abroad in Egypt College of Architecture and Urban Studies, Virginia Tech, United States.

## PROFESSIONAL MEMBERSHIPS

- 2020–Present Affiliated Member of the International Society for the Circular Economy (**IS4CE**).
- 2017–Present Architectural Research Centers Consortium (**ARCC**), Member.
- 2016–Present European Association for Architectural Education (**EAAE**), Associated Member.
- 2016–Present Construction History Society of America (**CHSA**), Member.
- 2013–Present Association of Collegiate Schools of Architecture (**ACSA**), Member.
- 1998–Present Egypt Engineers Syndicate, Licensed Member.
- 2017–Present Building Technology Educators Society (**BTES**), Member.
- 2016–2018 World Building Congress (**CIB**) Construction Materials Stewardship TG Member.
- 2003–2009 American Institute of Architects (**AIA**), Associate Member (inactive).
- 2004–2006 Society of Egyptian Architects (**SEA**), Chapter Member (inactive).

## DESIGN + BUILD INTERDISCIPLINARY RESEARCH/TEACHING PROJECTS (*Built Work in Academia*)

- 2021 **Ali, Ahmed K.**, & O'Brien, M. *Thinking Inside the Box: A Circular Economy Approach to College Students Homelessness*. Texas A&M University College Station, Texas (In progress).
- 2018 **Ali, Ahmed K.**, & Dvorak, B. *The Living Green Wall at Langford Architecture Center*, Texas A&M University College Station, Texas (Completed).  
<http://research.tamu.edu/2018/12/04/living-wall-combines-sheet-metal-from-junked-cars-with-native-plants/>. <http://one.arch.tamu.edu/news/2018/11/27/arch-landscape-arch-profs-design-innovative-green-wall-waste-metal/>
- 2016 **Ali, Ahmed K.**, & Bigelow, B. *Bryan Urban Farmers Market* in Bryan, Texas. (Completed). <https://one.arch.tamu.edu/news/2016/7/22/students-design-build->

[structure-local-farmers-market/](#)

- 2014 **Ali, Ahmed K.** *The Kilim Observation Towers* at Bilkent University, Ankara, Turkey: Full Scale Study Models. (Completed).
- 2012 Galloway, W., **Ali, Ahmed K.** *The C.U.B.E. project* at Virginia Tech's School of architecture + design (Graduate Building Materials and Construction Course TA), Blacksburg, Virginia. (Completed). <https://archdesign.caus.vt.edu/news/ad-project-receives-2016-acsa-design-build-award/>

## PROFESSIONAL PRACTICE

### SELECTED BUILT PROJECTS\*

**Master Planning** *Master planning projects involves a holistic approach to design, planning, strategic academic goals, and future investments in education, living, and knowledge. Each project included collaborating with a vast number of academic stakeholders, from students to administrators and charrettes were the medium to activate discussions, planning, and feedback incorporation.*

- 2008 Colorado School of Mines Student Life Master Plan.
- 2006 Randolph College Master Plan, Virginia.
- 2006 University of California Riverside East/Southeast Campus Master Plan.
- 2005 New Mexico State University Campus Master Plan.
- 2005 State University of New York at Oswego Master Plan.
- 2005 Florida Gulf Coast University Campus Master Plan Update.
- 2004 Bowling Green State University Residence Life Master Plan.
- 2004 Virginia Tech Campus Master Plan Update.
- 2004 Kent State University Housing Master Plan Update.
- 2004 Radford University Master Plan, Radford, VA.
- 2003 Central Washington University Comprehensive Housing Master Plan.

**Students' Housing** *Addressing students' life on the American College Campus from the dormitory detail to the whole campus. Housing of the modern college student requires careful attention to the technological advancement and the new patterns of living.*

- 2007 Virginia Tech New Residence Hall at the Career Services Site, Blacksburg, VA.
- 2004 College of William and Mary Graduate Students Housing, Virginia.
- 2003 Clemson University New Greek Housing Feasibility Study, South Carolina.
- 2003 Emory and Henry College New Student Housing, Virginia.
- 2003 Ferrum College New Residence Hall, Virginia.

**Sports Facilities** *Sports facilities are a major element of the modern college campus. Many of the American campuses depends heavily on both the healthy athletic life of their students' population and the reputation of their sports team.*

- 2008 Virginia Tech Athletic New Batting Facilities Design Studies, Virginia.
- 2007 Michigan State University Breslin Center Addition and Parking Study, Michigan.
- 2006 Cassell Coliseum at Virginia Tech Feasibility Study, Virginia.

**Residential** *Residential projects deal with the question of the intimate and the relationship between the home and the house. Projects investigate the details of life.*

- 2003 The Pavilion House in Wytheville, Virginia. (Unbuilt)
- 2000 Sobhy Aiad Residence in Bianky, El-Agamy, Alexandria, Egypt. (Additions and renovations)

**Academic** *Academic projects define curiosity, rigor and discovery. Academic buildings respond to universities' strategic planning and research trajectories.*

- 2008 Rice Pods Prefabricated Bathrooms at Rice University Students' Housing.
- 2007 Lane Hall ROTC Facility Study at Virginia Tech, Blacksburg, Virginia.
- 2006 Smith Career Services Center at Virginia Tech, Blacksburg, Virginia.
- 1998 The Plaza and Amphitheater at the Faculty of Fine Arts, Alexandria, Egypt.

**Commercial** *Retail and service projects elevate shopping experiences and balance it with both maximum exposure and refined human interactions.*

- 2002 Baker Insurance Agency Office Building, West Virginia.
- 2000 Lolita Textile Factory and Office Building, Alexandria, Egypt.
- 2000 The Print Shop, Textile and Fabrics Retail Stores (TEXMAR), Alexandria, Egypt.
- 1999 Fast Break Food Chain Restaurants, Alexandria, Egypt.
- 1999 The Document Center at the Faculty of Fine Arts, Alexandria, Egypt.

**Additions and Renovations** *Intervention and surgical projects redefine the relation between old and new. They activate the role of architecture as a continuous act of adding and subtracting to cultures and civilizations.*

- 2006 Owens Banquet Hall at Virginia Tech, Blacksburg, Virginia.
- 2006 Harley Davidson Shop of Wytheville, Virginia.
- 2005 G. Burke Johnson Student Center at Virginia Tech.
- 2005 Ferrum College Student Center, Ferrum, Virginia.
- 2004 Tech Bookstore at Virginia Tech, Virginia.

**USGBC LEED® Certified Projects** *Projects that are environmentally, socially, economically responsible and sustainable. These projects undergo a certification process by the United States Green Building Council and the LEED rating system.*

- 2008 Colorado School of Mines New Residence Hall, Colorado.
- 2007 University of Virginia College at Wise New Residence Hall.
- 2007 Wake Forest University New Residence Halls.
- 2007 University of Virginia College at Wise New Dining Hall.
- 2004 Clemson University Greek Housing Renovation and Addition, South Carolina.

**\*NOTES** *All projects were designed and developed with Hanbury Evans Wright Vlattas (HEWV) architects + planners except as noted as freelance architect & designer.*



*Summary of responsibilities included:* Leading schematic design and design development phases, Conducting design charrettes and workshops with clients and consultants. Building physical and digital models for single buildings and university campuses. Developing construction documents and specifications with CAD and BIM platforms. Coordinating with consultants. Administrating construction, coordinating with contractors and subcontractors.

**Websites & Professional Links**

[Scholars@TAMU](#)

[ResearchGate](#)

[Mendeley](#)

[Academia](#)

[Google Scholar](#)

[Texas A&M University](#)

[Linkedin](#)

[Resource-Based Design Research Lab \(RBDR/Lab\)](#)

**Other Research IDs**

<http://orcid.org/0000-0002-9513-7389>

[ResearcherID: H-7039-2013](#)

[Scopus Author ID: 57198724449](#)

*This CV submitted is most current and correct as of the date of this signature*

Signature

Date