

# AZZA KAMAL, PHD, LEED AP ND

Urbanist, Researcher, and Educator  
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## EDUCATION

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Graduate Certificate in Geodesign  
Penn State, University Park, PA  
Graduate Certificate in Geographic Information Systems (GIS)  
Penn State, University Park, PA  
Master of Science in Architecture (*focusing on Housing*)  
Texas A&M University, College Station, Texas  
Doctor of Philosophy in Architecture (*focusing on Urban Planning & Community Development*)  
Cairo University, Egypt<sup>1</sup>  
Master of Science in Architecture (*focusing on Historic Crafts Districts in Medieval Cairo*)  
Cairo University, Egypt<sup>1</sup>  
Bachelor of Science in Architecture (five-years professional degree)  
Cairo University, Egypt<sup>1</sup>

## ACADEMIC APPOINTMENTS

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### *University of Florida, Gainesville, FL*

7/2021 - present      Instructional Assistant Professor & Coordinator of Geodesign Specialization  
Joint appointment, Department of Urban and Regional Planning; and Program in  
Sustainability and the Built Environment (SBE)  
College of Design, Construction and Planning  
Faculty Affiliate, Center for European Studies, College of Liberal Arts and Sciences  
Fulbright Specialist to Germany (Spring 2023).

### *Invited Critic/Juror*

Spring 2022      McEwen School of Architecture, Laurentian University, Canada  
Spring 2022      City University of New York, Delhi: Architectural Design IV  
2018 - 2021      Texas State University, College of Applied Arts, Interior Design Program  
Spring 2018      University of Texas at San Antonio, Department of Architecture

### *Texas State University, San Marcos, TX*

1/2021 – 5/2021      Adjunct Professor of Urban & Regional Planning, Department of Geography  
9/2017 – 8/2018      Adjunct Professor, College of Applied Arts, Interior Design Program

### *The University of Texas at San Antonio*

9/2014 – 8/2016      Assistant Professor of Research (Architecture Department & Urban Planning Program)  
9/2011 – 8/2016      Faculty Fellow, Center for Urban and Regional Planning Research  
9/2011 – 8/2016      Faculty Fellow, Center for Cultural Sustainability  
9/2009 – 8/2014      Senior Lecturer (Architecture & Urban Planning)

### *Morgan State University, Baltimore, MD*

9/2007 – 8/2009      Assistant Professor, Tenure-track (School of Architecture and Planning)

### *Tanta University, Tanta, Egypt*

9/2005- 8/2007      Assistant Professor (Department of Architecture, College of Engineering)

### *Texas A&M University, College Station, TX*

10/2002 – 8/2005      Graduate Instructor of Architecture & Research Assistant

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<sup>1</sup> Architecture Ranking: <https://www.topuniversities.com/university-rankings/university-subject-rankings/2020/architecture-built-environment>

## PROFESSIONAL PLANNING EXPERIENCE

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Director of Research, South Alamo Regional Alliance for the Homeless [SARAH] 3/2020 – 6/2021  
US Department of Housing & Urban Development's Continuum of Care Agency, Bexar County/ San Antonio, TX

- Oversee the agency's research profile, scholarly programs, initiatives, and partnerships
- Supervisor and lead author of 2021 and 2020 Point-in-Time country-wide Reports.
- Established research partnerships with UTSA, Texas State University, UT Health Science, and the University of Notre Dame.
- Secured over \$175K of research funding in the area of impact analysis and geospatial studies.

Housing Policy Coordinator, City of San Antonio, TX 8/2018 – 2/2020

- Led the City of San Antonio's \$1 M "Emergency Housing Assistance Ordinance" [adopted in 02/2019].
- Developed a city-wide geospatial multi-criteria equity metric for allocating \$12 M of "Home Repair Programs" Federal funding.
- Co-led a county-wide outreach campaign to assess HUD's Analysis of Impediments (AI) to Fair Housing Choice to examine Affirmatively Furthering Fair Housing (AFFH) act.

Appointed Commissioner/Board Member of Historic Preservation Boards

- City of Gainesville 10/2021 – present
- City of San Antonio 2/2017 – 8/2018

Review projects related to exterior changes to properties designated as landmarks or located in the City's local historic districts and advise on historic neighborhood designation.

Urban Sustainability Consultant (Freelance) 9/2016 – 8/2018

- Commissioned by *Eva's Heroes* nonprofit organization to provide technical assistance and report on inequality and disability services per each San Antonio council district, which includes a geospatial analysis of different population cohorts with cognitive disability, and the available services and programs.
- Co-authored a study on environmental design and nighttime lighting as predictors of crime in San Antonio neighborhoods; published in the 2018 international EAAE/ARCC conference proceedings, Philadelphia
- Conducted a growth management study using eCognition geospatial automation to estimate of the loss of urban tree canopy in San Antonio districts (published in ACSP conference and Elsevier book chapter).

## LICENSURE

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- Leadership in Energy & Environmental Design (LEED) Accredited Professional in Neighborhood Development, US Green Building Council (USGBC): (# 10496901-AP-ND)
- Registered Architect, Egypt: (License # 2/1104490)

## AWARDS AND SCHOLARSHIPS

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- [Fulbright Specialist Roster](#) (4-year tenure): Invited Specialist to Germany (2023) 2022-2026
- Travel grant to Germany, Center for European Studies, University of Florida 2022
- Course enhancement grant, Center for European Studies, University of Florida 2022
- Global Learning Institute Spring Faculty Award, University of Florida 2021
- Fulbright Specialist Roster (3 year tenure) 2017-2020
- Faculty Service to Undergraduate Research and Creative Inquiry Award, University of Texas at San Antonio 2016
- Fulbright U.S. Scholar Award 2014 & 2015
  - *Status*: Program was suspended in the region by the US Department of State
- Morgan State University New Course Preparation Award 2008
- Fulbright Egyptian Scholar Award (declined due to job at Morgan State University) 2007
- Faculty Conference Award, Tanta University, Egypt 2006
- Several Academic Travel Awards (faculty awards and graduate student awards) 2003-2016
- International Education Study Award, International Program Office, Texas A&M University 2003
- Association of Former Students Graduate Fellowship, Texas A&M University, TX 2002 & 2003
- Two Community Development Society Conference Fellowships 2002 & 2003

## TEACHING INTERESTS

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- Sustainable planning and development
- Housing policy and Development
- Urban design studios
- Geographic Information systems (GIS)
- Planning healthy communities
- Sustainable and resilient infrastructure
- Planning methods

## COURSES TAUGHT

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### University of Florida (*bold denotes courses related to this position*)

**DCP 3210** (Sustainability Solutions for the Built Environment)

**DCP 2001** (Intro to Geographic Information Systems)

**LAA 1330** (Site Analysis)

DCP 4930 (Economics of Sustainability)

DCP 4215 (Leadership in Sustainability)

### Texas State University

**GEO 3320** (Community and Regional Planning)

ID 3322 (Residential Design Studio)

### The University of Texas at San Antonio

#### *Graduate*

**URP 5473** (Introduction to Health Planning)

**URP 5393** (Urban Planning Methods II)

**URP 5363** (Urban Planning Methods I)

ARC 6931 (Master's Project Preparation)

ARC 6973 (Master's Project Preparation)

**COA 6433 (Research Methods)**

#### *Undergraduate*

ARC 3433 (Architecture and Thought)

**ARC 6973/3203** (Housing Design & Development)

ARC 4246 (Systems Studio III)

**ARC 4256** (Architecture-Research Studio)

ARC 4156 (Vertical Design Studio)

ARC 3226 (Architecture Studio II)

ARC 1214, ARC 2156, & ARC 2166 (Architecture Design I, III, & IV)

### Morgan State University

**Research-based Studio V:** comprehensive studio

Design Studios IV: Systems studio

**Design Studios II, III:** urban-focused studios

**ARCH 419** (Latin American Housing): seminar

Communication Skills I & IV: graphic communications and presentations

### Tanta University, Egypt

AD: (Architectural Design I & II)

**AH 3204** (Community Development)

### Texas A&M University, College Station, TX

ARCH 601, M. Arch III program (Architecture Design Studio)

ARCH602, M. Arch III program (Architecture Design Studio)

## STUDENTS SUPERVISING/ ACCOMPLISHMENT

### Graduate Theses/Research Project Committees

Role	Student	Topic	Thesis/ Research Project	Semester/ Year
<b>Master of Urban and Regional Planning Project, University of Florida</b>				
Chair	Simone Kenny	The Effects of Different Settlement Formalization Processes on Resident Satisfaction	Master Thesis	Spring 2023
Chair	Melissa Ruth	Evaluating the Success of Integrating Affordable Housing and Transfer of Development Rights Programs in Pitkin County, Colorado	Master Research Project	Summer 2022
Chair	Pamela Pineros	What are the barriers that exist in Fairfax County, Virginia in the creation of more affordable housing options?	Master Research Project	Fall 2022
Member	Andrew Beasley	New Urbanism and Affordable Housing; A Review of Policy for Form-Based Districts in Tennessee Student awarded the	Master Research Project	Spring 2022
<b>Master of Science in Urban and Regional Planning Thesis, University of Texas at San Antonio</b>				
Member	Nicole Thomas	Strengthening Spaces for Queer People of Color in Communities	Master Thesis	Spring, 2016
Member	Abdullah Karban	Neighborhood Urban Sustainability Assessment in Saudi Arabia	Master Thesis	Spring 2015
Member	Emily Guerrero	The Relationship of Public Space and Public Health in San Antonio	Master Thesis	Spring 2013
Member	Jing Hong	Analysis of current statuses of energy-saving residential buildings in the US and China	Master Thesis	Spring 2011

### Faculty Advisor for Students Accomplishments

- Undergraduate Group Research Award, UTSA Center for civic Engagement, *Research Showcase Day*, UTSA, Spring 2015.
  - Students: Laura Bustillo and Melissa Yvonna.
- Poster Presentation at the 2015 *Texas Health and the Built Environment Conference*, Convention Center, San Antonio, TX, November 13. Students: 13 Undergraduate Students. (Fourth year design studio).
- Best Poster Presentation Award at the 2014 *Texas Health and the Built Environment Conference*, San Antonio, TX, May 7.
  - Students: Betzaida Pollet, Kimberly Hopkins, & Nicole Thomas.
- Funded Research and Poster Presentation at the 2014 Undergraduate Student Exhibition at the *Research Showcase Day*, Office of Undergraduate Research, UTSA.
  - Student: Neriah Holly.
- AIA-Baltimore's 2008 Undergraduate Research Scholarships:
  - Students: Chinyere Goddard, and Jeanne Schleicher.
- Curriculum Advisor to 50 undergraduate students in the School of Architecture and Planning, Morgan State University, Baltimore, MD.

## RESEARCH INTERESTS

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- Affordable housing policy
- Resilient planning and Low Impact Development
- Equity planning
- Geospatial and automated object analyses
- Housing programs evaluation
- Anti-displacement strategies
- Homelessness programs
- Neighborhood regeneration
- Participatory methods.

## FUNDED RESEARCH

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### Extramural Funding

Co-PI, with Billy Mahone (Co-PI and Richard Huron (Co-Investigator): The Greehey Family Foundation Grant.

Sponsor: Najim Charitable Foundation, 2021-2024

Amount: \$150,000

Principal Investigator: Impacts of Permanent Supportive Housing on Homeless Households by Subpopulation Characteristics

Sponsor: Lab for Economic Opportunities (LEO) at the University of Notre Dame, and the Corporation for Supportive Housing (CSH), 2021

Amount: \$25,000

Principal Investigator: Urban Inequality and Disability in San Antonio, TX: Mapping the Vulnerable Population with Cognitive Disability.

Sponsor: Eva's Heroes nonprofit organization, 2018.

Amount: \$5,000

Principal Investigator: Implementing Low Impact Development: A process for Best Management Practices (BMPs) Site Selection.

Sponsors: San Antonio River Authority (SARA) and Edwards Aquifer Authority (EAA), 2015- 2016.

Amount: \$30,131

Co-PI; with Richard Tangum (Co-PI): Impact Analysis of HUD's Neighborhood Stabilization Program.

Sponsor: National Association for Latino Community Asset Builders [NALCAB], 2012-2013.

Amount: \$20,000

Co-PI, with Richard Tangum (Co-PI): Capacity Building for Economic Growth and Competitiveness: Zapata County, TX.

Sponsor: Zapata Economic Development Corporation [ZEDC], 2012-2013.

Amount: \$30,539

Principal Investigator: Strategic Analysis of the Middle Rio-Grande Region: Sustainable Choices for the Growing Demand of Eagle Ford Shale Housing.

Sponsor: Institute for Economic Development, UTSA, San Antonio, TX, 2011-2012.

Amount: \$39,308

Co-Investigator, with Akers, M.A. (PI), VanGeest, J (Co-PI), Loubert, L. (Co-PI), Wong, S. (Co-PI), and Perry, M. (Co-PI): The Impact of the Baltimore Homeless Resource Center

Sponsor: City of Baltimore's Mayor Office on Human Service, Baltimore, MD, 2008-2009.

Amount: \$20,000

### University Competitive Grants

Principal Investigator (100%): Course Development Grant

Sponsor: University of Florida's Center for European Studies, 2022.

Amount: \$3,000

Co- Principal Investigator (35%); with Angela Lombardi, PI (35%); and Shelly Roff, Co-PI (30%): The Franciscan Missions of the Camino Real: Applying Geo-technology to Research for Cultural Heritage Management. Grant for Research Advancement and Transformation (GREAT).

Sponsor: Office of Vice President for Research, UTSA, 2014- 2015.

Amount: \$20,000

Principal Investigator (100%): Assessment of USDA 502 Self-help Housing Policy in Southern Maryland. Competitive Faculty Summer Research Grant.

Sponsor: The Office of Faculty Professional Development, Morgan State University, Baltimore, MD, 2008 – 2009.

Amount: \$5,000

Principal Investigator (100%): Course Development & Data Collection Grant, Rio De Janeiro, Brazil

Sponsor: Latin American and Caribbean Studies Program (LACAS), Morgan State University, Baltimore, MD, 2008.

Amount: \$3,500

Principal Investigator (100%): Inquiries of US-Mexico Border Colonias.

Sponsor: College Research and Interdisciplinary Council (CRIC) Research Award: College of Architecture, Texas A&M University, College Station, TX, 2004.

Amount: \$1,000

### **PUBLICATIONS** (\*with students as co-authors)

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#### Book Chapter

**Kamal, A.** (2022). Automated Analysis of Satellite Imagery to Estimate the Loss of Vegetative Land Cover and Inform Climate Adaptation Implementation Plan of San Antonio, Texas, in Amir Reza Khavarian-Garmsir and Ayyoob Sharifi, *Urban Climate Adaptation and Mitigation*, Elsevier, (September 2022).

#### Refereed Journal Articles and Papers in Proceedings

**Kamal, A.**, Soflaei, F., and Tweed, M. (2023). Inter/and Cross-disciplinary Structures to Integrate SDGs in Higher Education: Lessons from four US Campuses. *International Journal of Architectural Research* (forthcoming).

**Kamal, A.** and Myers, M. (2022). Who is Left Behind? Homeless Coordination System and Permanent Supportive Housing Success Measures (forthcoming).

**Kamal, A.** and Suk, J. (2018). Can Environmental Design and Street Light's Retrofit Affect Crime Trends in San Antonio? *ARCC/EAAE International Conference, Philadelphia, PA*, pp. 343-351.

**Kamal, A.**, (2017). Re-naturalizing Urban Campus Case Study: Integrated-design, Placemaking, and Ecology. *Proceedings of EAAE/ARCC International Architectural Research Conference: Architectural Research Addressing Societal Challenges*, published by Taylor and Francis Group, presented in 2016, June 15-18, Lisbon, Portugal, pp. 1229-1235, ISBN:978-1-138-02966-8.

\***Kamal, A.**, and Proma, N. (2016). Spatial Modeling for the Assessment of Residential Infill in Texas' Peri-Urban Communities. *ASCE Journal of Urban Planning and Development*. October (DOI: [http://dx.doi.org/10.1061/\(ASCE\)UP.1943-5444.0000372](http://dx.doi.org/10.1061/(ASCE)UP.1943-5444.0000372)).

**Kamal, A.**, (2016). Campus Sustainability Retrofits: A Multi-Criteria Site Selection Model for Low Impact Development. *Proceedings of Sustainable Built Environment (SBE 16) Regional Conference*, published in G. Habert and A. Schlueter (eds.), *Expanding Boundaries: Systems Thinking in the Built Environment*, June 13-17, ETH, Zurich, Switzerland, pp. 252-257, ISBN: 978-3-7281-3774-6.

- \*Kamal, A., Lombardi, A., Roff, S., & Pollet, B. (2015).** Informing Planning Decisions through GIS Documentation of San Antonio's Historic Colonial Landscape. *Proceedings of the 14<sup>th</sup> International Conference on Computer in Urban Planning and Urban Management*, July 7-10, MIT, Cambridge: MA.
- Kamal, A. (2014).** Regeneration for Urban and Economic sustainability: Assessment of the U.S. Neighborhood Stabilization Program. *Proceedings of the World Sustainable Building Conference [WSB14]: Results*, October 28-30, Barcelona: Spain, pp. 24-32. ISBN: 978-84-697-1815-5.
- Lombardi, A., **Kamal, A.**, & Roff, S. (2014). The Camino Real del los Tejas. Applying GIS to Research for Cultural Heritage Management. *Proceedings of the Experiencias Compartidas America: Cultura Visual Y Relaciones Artisticas Conference*, September 9-11, Granada, Spain. *In Spanish*.
- Kamal, A. (2014).** Suitability for Infill Development: A multi-criteria and Spatial Assessment Approach. *Proceedings of the EAAE-ARCC International Architectural Research Conference (Beyond Architecture: Making New Connections and Intersections)*, Manoa, HI, February 12-15, pp. 336-345.
- Kamal, A. (2013).** The Colonias Reader: Economy, Housing, and Public Health in the U.S.- Mexico Border Colonias. *Book Review, Camino Real Journal*, 5 (8), pp. 214-216.
- \*Jangam, S. & Kamal, A. (2013).** Assessing Accessibility to San Antonio Neighborhood Parks. *ArcNews*.34 (4), p.18.
- Kamal, A. (2013).** GIS and Site Suitability for Sustainable Residential Communities: Three case studies from the USA. *Proceedings of the Sustainable Building Conference [SB13]*, November 5-7, Cairo: Egypt, pp. 624-636.
- Kamal, A. and Hays, D. (2013).** Experiential Mock-ups in Materials and Sustainability: Linking Practice to Academia in the Research-driven Design Studio. *Sustainable Building Conference [SB13]*, November 5-7, Cairo: Egypt, pp. 667-679.
- Kamal, A. and Rashed-Ali, H. (2013)** Methods of Integrating Spatial Analysis in Assessment of Sustainable Development. *Proceedings of Architectural Research Centers Consortium Conference: The Visibility of Research*, March 27-30, Charlotte: NC, pp. 622-629.
- \*Kamal, A., Doganer, S., Ruvuna, J., Flores, J., Hernandez, E., and Nishimoto, T. (2010),** Wayfinding and Accessibility in the San Antonio RiverWalk: A Model for Urban Design Education. *International Journal of Architectural Research*, 4 (2-3), pp. 391-406.
- Kamal, A. (2010),** Integrating GIS as a Planning Tool in the Pedagogy of Architectural Research Studio. *Proceedings of Housing Education and Research Association Conference*, November 3-6, Portland: OR, pp. 124-134.
- Kamal, A. (2009),** What Comes First in Sheltering Needs: Patterns of Colonias Housing Production. *Proceedings of Architectural Research Centers Consortium Conference: Leadership in Architectural Research, Between Academia and the Profession*, April 15-18, San Antonio: TX, pp. 277-285.

#### Technical Reports & Policies\*

- Kamal, A., Alvarez, L., and Vela, K., (2021),** Point-in-Time Report for San Antonio/ Bexar County: Sheltered and Street Outreach Counts, South Alamo Regional Alliance for the Homeless, San Antonio, TX, May 2021.
- Kamal, A., Mascorro, B., Alvarez, L., Vela, K., and Medina, S. (2020),** Point-in-Time Report for Bexar County/San Antonio, South Alamo Regional Alliance for the Homeless, San Antonio, TX, May 2020.
- Kamal, A. (2020)** Risk Mitigation Fund: Policy Implementation and Assessment Report. City of San Antonio, Neighborhood and Housing Services Department, San Antonio, TX, January 2020.
- \*Kamal, A. (2019)** San Antonio Risk Mitigation Policy (A displacement Prevention & Mitigation Policy & Ordinance). City of San Antonio, Neighborhood and Housing Services Department, San Antonio, TX (Adopted by City Council in March 2019).
- Kamal, A. (2018),** Urban Inequality and Disability in San Antonio, TX: Mapping the Vulnerable Population with Cognitive Disability. Report for Eva's Heroes Organization, San Antonio, TX: 30 pages.

- Kamal, A.**, Morales, F., Butler, D., Bustillos, L., and Li, Jingqi. (2016), Implementing Low Impact Development: A Process for BMPs Site Selection. *Policy Report for San Antonio River Authority (SARA) and the State of Texas' Edwards Aquifer Authority (EAA)*: 190 pages.  
URL: <http://www.aquiferalliance.net/wp-content/uploads/2015/09/7.27-LID-Report-reduced.pdf>
- Lombardi, A., **Kamal, A.**, and Roff, S. (2015), The Franciscan Missions of the Camino Real: Applying Geo-technology to Research for Cultural Heritage Management. *Report for the UTSA Office of Vice President for Research*, San Antonio, TX: 30 pages.
- Kamal, A.** and Tangum, R. (2013), Impact Analysis of the HUD's Neighborhood Stabilization Program. *Report for the National Association for Latino Community Asset Builders*. San Antonio, TX: 70 pages.
- Tangum, R. and **Kamal, A.** (2013), Capacity Building for Economic Growth and Competitiveness: Zapata County, TX. *Report for Zapata Economic Development Corporation*. Zapata County, TX: 120 pages.  
URL: <http://www.zapataedc.com/project-report-eda08-86-04723>
- Kamal, A.** (2012), Strategic Analysis of the Middle Rio-Grande Region: Sustainable Choices for the Growing Demand of Eagle Ford Shale Housing. *Report for the Rural Business Program, the Institute for Economic Development*, UTSA: 110 pages. URL: <http://www.eagleford.org/images/Eagle-Ford-Housing-UTSA-Report.pdf>
- Akers, M. A., VanGeest, J., **Kamal, A.**, Loubert, L., Perry, M., and Wong, S. (2008), The Impact of the Baltimore Housing Resource Center. *Report for the Office of Homeless Services*, City of Baltimore, Maryland.
- Refereed Abstracts & Presentations
- \***Kamal, A.** and Hayes, J. (2022), Examining the Relationship Between Craft Breweries and Gentrification in Jacksonville, Florida, *Annual conference of the Association of Collegiate Schools of Planning*, Toronto, Canada, November 3-6 (accepted).
- \***Kamal, A.** and Johnson, D. (2022), A Living Definition for Historic Preservation with Resiliency in Mind, *Annual conference of the Association of Collegiate Schools of Planning*, Toronto, Canada, November 3-6 (accepted).
- Kamal, A.**, (2021), Infill or Resilience? Estimating the Loss of Urban Tree Canopy Using Automated Feature Extraction of Satellite Imagery, *Annual conference of the Association of Collegiate Schools of Planning*, Miami, FL, October 21-24 [virtual].
- Kamal, A.**, Gooch, A., and Carolla, M. (2021), Launching a Meaningful Equity Initiative: CoC Governance, Homelessness Prevention and Lived-experience Integration, *National human Services Data Consortium: A Year of Crisis; Using Human Services Data to Recover from the Pandemic*, April 12-29 [virtual].
- Kamal, A.**, Bailey, J., and Colvin, C. (2019), How to Stabilize Housing: An Anti-Displacement Pilot Policy. *American Planning Association Texas Chapter Conference*, Waco, TX, November 6-8.
- Roff, S., Lombardi, A., & **Kamal, A.**, (2015). Measurement and Proportion in the Design of Mission San José y San Miguel de Aguayo. *Southeast chapter, the Society of Architectural Historians*, Oct. 14-17, San Antonio, TX.
- \*Collins, K., **Kamal, A.**, and Barbosa-Ramirez, L. (2012), Emerging Demand of Oil and Gas Workforce Housing in South Texas: Lessons from Local and State Policies and Practices. *Proceedings of International Association of People Environment Studies, Human Experience in the Natural and Built Environment: Implications for Research Policy and Practice*, June 24-29, Glasgow, Scotland.
- Kamal, A.** (2010), GIS as a Tool for Affordable Housing Supply and Renovation: An approach through Experiential Research Studio. *Online Proceedings of Texas GIS Forum*, October 25-28, Austin: TX.
- Kamal, A.** (2008), Race in Baltimore City Neighborhoods: Impacts on the Market and Conditions of Housing. *Proceedings of 46th International Making Cities Livable Conference*. Jun. 1-5, Santa Fe, NM.
- Kamal, A.** (2008), Community-based Design Learning (CBDL) Model for Sheltering the Homeless: Methods and Learning Outcomes. *EDRA 40 Re: The Ethical Design of Places*, May 27-31, Kansas City, MO.
- Kamal, A.** (2006), Acquaintances and Shaping Housing Identity in Informal Settlements: Case Study from the US-Mexico Colonias. *Proc. of XVI ISA World Congress of Sociology*, Jul. 23-29. Durban, S. Africa.



**Kamal, A.** (2003), Developing small settlements in rural Egypt: Current needs, and social and physical features. *Presentation at the International Conference of the Community Development Society*. Cornell University, Ithaca, NY: Community Development Society, Jul. 20-23.

**Kamal, A.** (2003), Social and architectural features of crafts districts in Medieval Cairo. *Presented at the 18th Middle East history and theory conference*. Univ. of Chicago, IL: Center for Middle Eastern Studies, May 9-10.

#### Newsletters

**Kamal, A.** (2014). Could Small Communities adopt Smart Growth? Assessing the Potentials for Infill Development in South Texas. Invited author, *Eagle Ford Shale Community Development Program newsletter*, 3 (January). URL: <http://files.ctctcdn.com/a1b29990301/a7a956b1-8891-4815-914d-2a3535f5f779.pdf>

**Kamal, A.** (2012), Sustainable Choices: Job Boom Creates Housing Crisis, Texas Eagle Ford Shale. *Newsletter of Architectural Research Centers Consortium*, 36 (1), spring. URL: <file:///C:/Users/azza/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/61UUG27C/ARCC%20Newsletter%20Spring%202012.pdf>

#### **INVITED SPEAKER & PANELIST** (selected)

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**Kamal, A.**, (2023), Sustainability and Ecological Urbanism: Using Geodesign Technology to Boost Outcomes, Invited Keynote Speaker, *National Conference on Creating Sustainable Human Settlements- A vision for new India-2023*, Gautam Buddha University, India, (Forthcoming, January 31). [virtual].

**Kamal, A.**, (2022), Strategies of Equity Planning and Geodesign Applications for Decision Making, *Invited speaker on ArchiNet Scholars and Practitioners Platform* [virtual], October 10, in Arabic.

Vela, K., **Kamal, A.**, Jett, E., and Xiong, L. (2021), How the Pandemic Year Yielded our Community Consensus to Prevent and End Homelessness. The Bexar County/San Antonio Comprehensive Data & Equity-driven Framework, Invited panelist at *Texas Homeless Network webinar series* [virtual], November 9.

**Kamal, A.** (2020), Increasing Affordable Housing Options in San Antonio. Invited panelist at the *San Antonio Housing Authority 2025 Virtual Housing Symposium*, October 15, San Antonio, TX.

**Kamal, A.** (2019), Coordinated Housing System and Displacement Prevention and Mitigation. Invited speaker at the *San Antonio Board of Realtors (SABOR) Quarterly Meeting*, June 27, San Antonio, TX.

**Kamal, A.** and Ankamah, B. (2019), Housing Programs and Risk Mitigation Policy. Invited speaker at the *Alamo Area Council of Government (AACOG) Monthly Meeting*, June 25, San Antonio, TX.

Tangum, R. and **Kamal, A.** (2014), Sustainable Healthy Communities: Policy and Implementation for Small Communities in the Eagle Ford Shale and South Texas. Invited speaker at the *Eagle Ford Shale Community Development Program Best Practices Conference*, May 14, San Antonio, TX.

Bella, P.; Vina, C.; Osten, J., and **Kamal, A.** (2014), Measuring Success in Urbanism and Planning Education. Invited Panelist in the Planning for Health Panel Discussion, *Public Health and the Built Environment Conference*, May 7, San Antonio, TX.

**Kamal, A.** (2014), Housing Solutions: A Sustainable Urbanism Approach for Small Communities in the Eagle Ford Shale and South Texas. Invited speaker, *2<sup>nd</sup> Oilfield Housing Solutions Conference*, May 1<sup>st</sup>, Houston, TX.

Potter, L., Tangum, R., **Kamal, A.**, Teasley, M., and Ortiz, G., (2014), Panelist in the Social Science Perspectives on the Eagle Ford Shale, *Southwestern Social Science Association Conference*, April 17-19, San Antonio, TX.

**Kamal, A.** (2013), Housing Solutions for Economic Boom Regions: Western Eagle Ford Shale. Invited Panelist in Providing Affordable Housing in Economic Boom Areas Panel, *Texas Community Economic Development Policy Summit*, September 24<sup>th</sup>, Texas State Capitol, Austin, TX.

**Kamal, A.** (2013), Workforce Housing Assessment: A Strategic Analysis for the Western Eagle Ford Shale Region. Invited speaker at *the Oilfield Housing Solutions Conference*, May 9-10, San Antonio, TX.

- Kamal, A.** (2012), Measures of the Eagle Ford Shale housing and population forecasts. Panelist in the Eagle Ford Shale, *San Antonio Region's Meeting of Advancing Women in Transportation Society*, Nov. 14<sup>th</sup>, San Antonio, TX.
- Kamal, A.** (2012), Strategic Housing Analysis: Sustainable Choices for the Growing Demand for Housing in the Eagle Ford Shale. Invited Speaker at *the Governor's Small Business Forum*, September 20<sup>th</sup>, Carrizo Springs, TX.
- Kamal, A.** (2012), Sustainable Choices for the Growing Demand of the Eagle Ford Shale Housing: Indicators from the Western-Shale Counties. Invited Speaker at *Eagle Ford Shale Consortium Conference*, February 29-March 2, San Antonio, TX.

## PRESENTATIONS *(selected)*

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- Kamal, A.** (2021), Anti-Displacement Strategies; Program-based Equity Intervention Tools for Mitigating Housing Instability in Bexar County, *DCP Faculty Seminar Series*, University of Florida, Gainesville, September 10<sup>st</sup>.
- Kamal, A.** (2014), Suitability for Infill Development: A multi-criteria and Spatial Assessment Approach. *Presentation at the College of Architecture, Construction and Planning (CACP) Faculty Research Symposium*, The University of Texas at San Antonio, San Antonio, TX, November 21.
- Kamal, A.** (2011), LEED in Buildings and Neighborhoods, *A presentation in The Order of the Arrow Scouting's National Honor Society*, San Antonio, TX, February 26<sup>th</sup>.
- Kamal, A.** (2004). North Africa region report: suggested and anticipated strategy 2004/2007. Report, *The Annual Board Meeting of the IACD*. Budapest, Hungary, March 23-29.
- Kamal, A.** (2003), Cross-cultural influences on housing policies in Texas' Colonias. *Poster presentation, the College of Architecture Graduate Students Symposium*, Texas A&M University, College Station, TX.
- Kamal, A.** (2002), Using the analysis of visual elements in developing rural settlements: Case from Egypt. *Poster presentation, Annual Conference of the Community Development Society*. Delta State University. Cleveland, MS: Community Development Society, July 21-25.

## ORGANIZED WORKSHOPS AND PANEL

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- Kamal, A.**, Wellner, K., Van der Kuil, P., Sidiki, J. (2023), Co-organizer, moderator, and speaker, *International Symposium on Sustainable Urban Development and Real Estate Finance*, Co-funded by Fulbright US Program/ and Technical University - Berlin, Germany, January 9-13 (forthcoming). [Hybrid]
- Wahba, S., Sarkozy, S., Knowles, A., Hess, M., Carney, J., and **Kamal, A.** (2021), Panel Organizer and Moderator: Future Visioning; Exploring Equity and Resilience, *13<sup>th</sup> Annual DCP Research Symposium*, University of Florida, Gainesville, November 9.
- Kamal, A.** (2020), Panel Organizer and Moderator: Housing Instability in San Antonio and Bexar County, Texas, SARAH, San Antonio, TX, December 9. [virtual]

## PROFESSIONAL SERVICES

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### Journals Scientific Committee

- Scientific Committee Member, Akdeniz University Journal of the Faculty of Architecture, Turkey.

### Journals Reviewer

- ASCE's Journal of Urban Planning and Development
- Journal of Social Distress and Homelessness
- Perkins + Will Research Journal

### Book Reviewer

- "Interior Design Research Methods", by Robinson, L., Fairchild Books, NYC (Forthcoming: December 2022).
- "Research Inspired Design: Methods of Inquiry and Analysis for Interior Designers", by Lily Robinson and Alexandra Parman Pitts. Published by Fairchild Books, Bloomsbury Publishing, New York, NY (2016).
- "The Colonias Reader: Economy, Housing, and Public Health in U.S.-Mexico Border Colonias" by Angela J. Donelson and Adrian X. Esparza, eds. Published by: The University of Arizona Press, Tucson: AZ (2013).

#### Conference Paper Reviewer

- Int'l EAAE/ARCC Conference Papers: Philadelphia, PA (2018)
- Int'l EAAE/ARCC Conference Papers: Lisbon, Portugal, (2016)
- Architecture Research Centers Consortium (ARCC) Conference Papers: Chicago, IL (2015)
- Int'l EAAE/ARCC Conference Papers: Manoa, Hawaii (2014)

#### Fulbright External Reviewer

- Fulbright Egyptian Scholar Program, (2007/2008).

### **AFFILIATIONS & PROFESSIONAL SERVICE**

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#### Active Membership

- Board Member & Chair of Award and Scholarship Committee, Women in GIS (WiGIS)
- Member, Historic Preservation Advisory Board, City of Gainesville, FL
- Member, American Planning Association
- Member, Association of Collegiate Schools of Planning
- Member, Society of Egyptian Architects (SEA)

#### Past Membership

- Appointed Commissioner, Historic and Design Review Commission, City of San Antonio 2017-2018
- Member, Deconstruction Advisory Board, City of San Antonio, TX 2017-2018
- Advisory Board Member, Historic Designation Board, City of San Antonio 2017-2018
- Member, City of San Antonio Comprehensive Planning Committee Taskforce 2015-2016
- Board Member, *Prospera* Housing & Community Services Inc. 2015-2018
- Co-founder, and Chairperson, San Antonio New Urbanists (SANU). 2014-2016
- Co-chair, Membership Committee, Active Living Council of San Antonio, 2012-2015
- Member, Access to Parks Taskforce, San Antonio 2020 Vision 2014-2015
- Board Member, International Association for Community Development (IACD), 2003–2006

### **ACADEMIC SERVICE** *(selected)*

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#### University of Florida

- Member, Steering Committee, University's Conservation Area Land Management Plans 2022 - present
- Member, Housing Research Group, A consortium of Florida housing researchers 2022 - present
- Chair, Geodesign Advisory Committee, College of Design, Construction & Planning 2021 - present
- Member, Diversity, Equity and Inclusion Committee, College of DCP 2021 - present

#### University of Texas at San Antonio

- Member, Task Force for Faculty Evaluation Metrics (Architecture) 2015 - 2016
- Member, Faculty Annual Evaluation Committee (Architecture) 2014
- Member, Task Force for SACS assessment of core courses (Architecture) 2010 - 2016
- Member, Graduate Program Council Committee (Architecture) 2012 – 2016
- Member, Graduate Scholarship Committee (Architecture) 2012
- Member, Graduate Scholarship Committee (Urban Planning) 2013
- Member of the Graduate Faculty, College of Architecture 2009 – 2016
- Member, The Presidential Recognition Scholarship selection committee 2009

#### Morgan State University, Baltimore, MD

- Member, Committee for the New Building of the School of Architecture and Planning 2008 - 2009
- Member, Curriculum Development Committee, Department of Architecture 2008
- School of Architecture and Planning.
- Member, Project Development Team, Latin American and Caribbean Studies Program 2008
- Member, Applicants' evaluation committee, 2+3 Master of Architecture Program 2008
- School of Architecture and Planning.
- Member, Communication Committee, School of Architecture and Planning. 2007

## MEDIA INTERVIEWS

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- Spring 2016 UTSA Discovery Magazine, Vol. 8.  
[https://issuu.com/utsaresearch/docs/discovery\\_issuu](https://issuu.com/utsaresearch/docs/discovery_issuu)
- December 2014 UTSA Discovery Magazine, Vol. 7, pp. 9-12. Available at:  
[http://issuu.com/utsanantonio/docs/discovery\\_vol\\_7](http://issuu.com/utsanantonio/docs/discovery_vol_7)
- December 2012, UTSA Discovery Magazine, Vol. 5. Available at:  
<http://utsa.edu/discovery/2012/story/feature-modern-gold-rush.html>
- July, 2012, San Antonio Express News. 07/11/2012. Available at:  
<http://www.mysanantonio.com/business/article/Eagle-Ford-housing-crunch-continues-3697480.php>
- July, 2012, Rigzone online magazine. 07/10/2012. Available at:  
[http://www.rigzone.com/news/article.asp?hpf=1&a\\_id=119228](http://www.rigzone.com/news/article.asp?hpf=1&a_id=119228)
- July, 2012, UTSA Today, an online publication of UTSA. 07/06/2012. Available at:  
<http://utsa.edu/today/2012/07/housingstudy.html>
- March, 2012, San Antonio Express News. 03/01/2012. Available at:  
<http://www.mysanantonio.com/business/article/Eagle-Ford-Shale-boom-also-brings-problems-3371992.php>
- February, 2012, UTSA Today, an online publication of UTSA. 02/29/2012. Available at:  
<http://utsa.edu/today/2012/02/eaglefordshale.html>

## ARCHITECTURAL PRACTICE *(built projects only; \* Award -winning projects)*

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### SHEHAB MAZHAR ARCHITECTS, CAIRO

1997 –2001

<http://www.shehabmazhar.com/>

Lead Architect and Urban Designer

- \*Global Human Settlements Award-winning Project, “*El-Gouna*” Master Planned Community, Egypt (Awarded by the United Nations Environment Program for Global Green Towns): Design development and construction documents of Phase IV detached residences.
- *City-View*, a Planned Unit Development (PUD) with multi-typology residential units in Cairo

### SHAFIE-SHERIF ARCHITECTS, CAIRO

1993 –1997

<http://sh-sh-b.com/CategoryProjects.aspx?CategoryId=5>

Project Architect

- Participated in the construction documents and shop drawings of the buildings and/or landscape details of the following healthcare facilities:
  - National Defense Council Hospital in Cairo.
  - \*1<sup>st</sup> Prize Project, Ministry of Health National Design Competition, *Al-Azhar* University General Hospital, a 500-bed facility.
  - *Imbaba* Hospital Renovation: participated in the as-built survey drawings, and the design development of some departments.
  - Psychiatric Disorder Hospital of *Dr. Adel Sadek*.

## SOFTWARE PROFICIENCY

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- ArcGIS for desktop
- ArcGIS Pro
- Remote Sensing and Lidar Imagery Analysis
- eCognition 9.1. for Object Based Image Analysis (OBIA)
- Statistical Package for the Social Sciences (SPSS)
- Adobe Creative Suite (Photoshop, InDesign, Acrobat Pro)
- SketchUp
- PythonWin
- Autodesk AutoCAD
- MS Office suite.