

# AZZA KAMAL, PHD, LEED AP ND

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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      Assistant Professor (Instruction-stream) and Coordinator of Geodesign Specialization  
Joint appointment [Program in Sustainability and the Built Environment and Department of  
Urban and Regional Planning], College of Design, Construction and Planning  
Faculty Affiliate, Center for European Studies, College of Liberal Arts and Sciences

### **Technische Universität Berlin, Germany**

July 2023              Research Tutorials Abroad Award: Collaborative Research with PI (Kristin Wellner) on GIS  
as A Decision-Support System for Climate Adaptation of Churches Historic Structures.

January 2023          Invited Fulbright Specialist/ Scholar: leading workshops, lecturing on Sustainable Urban  
Development and ESG Reporting in Real Estate, moderating discussions, and invited critic

### **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 of Interior Design, College of Applied Arts

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

9/2014 – 8/2016      Assistant Professor of Research (joint appointment; Architecture and Urban Planning)  
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 (joint appointment; Architecture and Urban Planning)

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

9/2007 – 8/2009      Assistant Professor, Tenure-track, Architecture & Environmental Design Program

### **Tanta University, 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/2023/architecture-built-environment>

## INVITED PLANNING AND ARCHITECTURE STUDIO CRITIC (*selected*)

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Spring 2023	Master of Urban Design, Technische Universität Berlin, Germany (Instructors: Kristin Wellner, Ben Gabriel, Aylin Akyildiz, Birgit Klauck)
Spring 2022	Master of Architecture Thesis Studio, Laurentian University, Canada (Instructor: Kai Mah)
Spring 2022	Undergraduate Junior Architecture Resilience Studio, State University of New York, Delhi. (Instructor: Farzaneh Soflaei and Michael Tweed).
Fall 2022	Graduate Urban Planning Studio, University of Florida (Instructor: Ruth Steiner and Emre Tepe).
Spring 2020	Undergraduate Senior Architecture Design Studio, University of Texas at San Antonio (Instructor: Hazem Rashed-Ali)
Spring 2017	Undergraduate Junior Housing Studio, Texas State University (Instructor: Sarah Urquhart)
Spring 2016	Graduate Architecture Design Studio, University of Texas at San Antonio (Instructor: Rahman Azari)

## 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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- Research Tutorials Abroad Award [to Germany], The International Center and Center for European Studies, University of Florida. Summer 2023
- Fulbright Specialist Award, *Technische Universität Berlin*, Germany. January 2023
- [Fulbright Specialist Roster](#) (4-year tenure): Bureau of Educational and Cultural Affairs, The U.S. Department of State. 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, International Center, 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
- Urban design studios
- Architecture design studios
- Housing policy and Development
- Intro & Intermediate Geographic Information systems (GIS)
- Sustainable and resilient infrastructure
- Qualitative and quantitative research methods

## **COURSES TAUGHT**

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

LAA 1330 (Site Analysis)- [100% online: Asynchronous]  
DCP 2001 (Intro to GIS I)  
DCP 2002 (Intro to GIS II)  
DCP 3210 (Sustainability Solutions for the Built Environment)  
DCP 4930 (Economics of Sustainability)  
DCP 4215 (Leadership in Sustainability)

### Texas State University

GEO 3320 (Community and Regional Planning) – [100% Online: Synchronous]  
ID 3322 (Residential Design Studio)

### The University of Texas at San Antonio

#### *Graduate*

ARC 6931 (Master's Project Methods)  
ARC 6973 (Master's Project Methods)  
COA 6433 (Research Methods)  
URP 5473 (Introduction to Health Planning)  
URP 5363 (Urban Planning Methods I)  
URP 5393 (Urban Planning Methods II)

#### *Undergraduate*

ARC 3433 (Architecture and Thought)  
ARC 6973/3203 (Housing Design & Development)  
ARC 4246 (Systems Studio III)  
ARC 4256 (Architecture-Research Studio)  
ARC 4156 (Architecture Studio IV)  
ARC 3226 (Architecture Studio II)  
ARC 1214, ARC 2156, & ARC 2166 (Architecture Design I, III, & IV)

### Morgan State University

Research-Design 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 Studio I & II)  
AH 3204 (Community Development) lecture

### 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/ Prof. Report	Semester
<b>University of Florida</b>				
Co-Chair	Yesenia Castaneda	Affordable and Sustainable Housing Policy Reform at the State Level: Lessons from EU	Master Thesis (URP)	Spring 2024
Co-Chair	Jessica Hays	Motel Retrofit Plans to Expand Affordable Housing in Central Florida	Master Thesis (URP)	Fall 2023
Chair	Simone Kenny	Flagler Estates: A Spatiotemporal Land Use Change Detection and Policy Comparison of Antiquated Subdivision Regulatory Approaches.	Master Thesis (URP)	Spring 2023
Co-Chair	Jasmen Macdonald	How do Closed Military Bases Reintegrate Back into Their Surrounding Communities?	Master Research Project (URP)	Spring 2023
Member	Drew Johnson	Lincolnvile: A Model for Community Resilience	Master Thesis (Historic Preservation)	Spring 2023
Chair	Pamela Pineros	What are the barriers that exist in Fairfax County, Virginia in the creation of more affordable housing options?	Master Research Project (URP)	Fall 2022
Chair	Melissa Ruth	Evaluating the Success of Integrating Affordable Housing and Transfer of Development Rights Programs in Pitkin County, Colorado	Master Research Project (URP)	Summer 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 (URP)	Spring 2022
<b>University of Texas at San Antonio</b>				
Member	Nicole Thomas	Strengthening Spaces for Queer People of Color in Communities	Master Thesis (URP)	Spring, 2016
Member	Abdullah Karban	Neighborhood Urban Sustainability Assessment in Saudi Arabia	Master Thesis (URP)	Spring 2015
Member	Emily Guerrero	The Relationship of Public Space and Public Health in San Antonio	Master Thesis (URP)	Spring 2013
Member	Jing Hong	Analysis of current statues of energy-saving residential buildings in the US and China	Master Thesis (ARCH)	Spring 2011

### Students Advising and their Accomplishments (*selected*)

- *Mario Ripol* Memorial Award for an outstanding master's in urban planning student who specializes in information technology for planning, Department of Urban and Regional Planning Annual Awards, University of Florida, spring 2023.
  - Student: Simone Kenny
- Best 3MT Presentation and Best Poster Award, Undergraduate Capstone Research Showcase, University of Florida College of Design, Construction and Planning, Spring 2023.
  - Student: Jenna Cavano.
- Undergraduate Student Scholar Award, University of Florida College of Design, Construction and Planning, Academic Year (2023-2024).
  - Students: Gabriel Matos.
- 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 *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, 2015.
  - Students: Betzaida Pollet, Kimberly Hopkins, & Nicole Thomas.
- Funded Research and Poster Presentation at the Undergraduate Student Exhibition at the *Research Showcase Day*, Office of Undergraduate Research, UTSA, 2014.
  - Student: Neriah Holly.
- AIA-Baltimore's Undergraduate Research Scholarships, 2008
  - Students: Chinyere Goddard, and Jeanne Schleicher.
- Curriculum Advisor to 50 undergraduate students in the School of Architecture and Planning, Morgan State University, Baltimore, MD.

### Supervised Capstone Research (Undergraduate Thesis)

Year	Semester	Name	Topic
2023	Summer	Kaley Arboleda	Urban Revitalization in Flood Risk Areas: Resilience and Adaptation Planning in Jacksonville, FL
	Summer	Christina Roberts	Food for Thoughts: Can Technology Bridge the Gap?
	Summer	Mya Reid	Green Transportation Infrastructure and Suburban Insight
	Spring	Samantha Cohen	Literacy and Legacy: A Seed to Plant for Alachua County's Good Anthropocene
	Spring	Jenna Cavano	Examining the Relationship between Higher Education and Gentrification in Gainesville, Florida
	Spring	Adrian Santiago	Green Infrastructure: Assessing the Socioeconomic Impacts of Brownfield Remediation in Depot Park, Gainesville, Florida
	Spring	Nicole Manso	Climate gentrification and how minority communities are left to bear climate-related burdens: The case of Little Haiti
	Spring	Danielle Popkin	A Review of Sustainable Social Housing Projects in the Global South
	Spring	Yesenia Castaneda	What can the United States Learn from Europe's Energy Efficient and Affordable Housing Initiatives?
2022	Fall	Kathaleen Simmons	Flood Mitigation Strategies in Tampa, Florida
	Summer	Cayden Welch	Sustainability and Fast Fashion: The Impact of Fast Fashion Industry on the World and What Can be done about it.
	Spring	Alexis Romero	The Influence of Eco-Friendly Materials Demand on Construction and U.S. Housing Policy
	Spring	Drew Johnson	Resiliency and Historic Preservation
	Spring	Jack Rummier	Resiliency for A Better Duval: A Literature Review and Case Study Analysis of Resilience Planning and Applications in Jacksonville, Florida
	Spring	Jessica Hays	Examining the Relationship Between Gentrification and Craft Breweries in Jacksonville, Florida
2021	Fall	Liam Mcguire	Disparities of Natural Hazards' Impact on Residents with Various Socio-demographic Classes

### RESEARCH INTERESTS

- Resilient Infrastructure and Low Impact Development
- Affordable housing policy
- Housing informality
- Infill Development
- Neighborhood regeneration
- Geospatial and automated tools for change detection
- Equitable planning
- Anti-displacement government programs

## 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

Research Tutorials Abroad (in the area of European Studies)

Sponsor: University of Florida's International Center, 2023.

Amount: \$11,740

Course Enhancement Grant (for Economics of Sustainability in the Built Environment Grad/Undergrad Course)

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

Amount: \$3,000

Travel Grant to Establish Collaboration with *Technische Universität Berlin*, Germany

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

Amount: \$1,500

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

- \*Arboleda, K. and **Kamal, A.** (2024), Revitalizing and Repurposing Urban Vacancy for Enhancing Resiliency in Vulnerable Communities in Jacksonville, Florida, *Association of Collegiate Schools of Architecture*, Vancouver, BC, March 14-16 [Under review].
- Kamal, A.** (2024), Scenario Modeling for Designing and Planning Sustainable Housing in At-Risk and Marginalized Economies in South Texas, *Association of Collegiate Schools of Architecture*, Vancouver, BC, March 14-16 [Under review].
- Maarouf, N.** and Kamal, A. (2023). A Spatiotemporal Narration of Urban Spaces in Cairo's 2011 Uprise, *International Conference of the Society of Architectural Historians*, April 17–21, Albuquerque, New Mexico [Under review].
- 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. (2023). 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

\*Ruth, M. and **Kamal, A.** (2023), Exploring Affordable Housing Integration in Land Conservation Policy in Pitkin County, Colorado, *Annual conference of the Association of Collegiate Schools of Planning*, Miami, Florida, October 19-21 [Accepted].

\***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.

\***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.

**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.**, (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** *(selected)*

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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 DEVELOPMENT/ TRAINING**

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- First Year Faculty Teaching Academy (FYFTA), University of Florida Center for Teaching Excellence, July 28 – 30, [virtual].
- Teaching Online Courses Training, six-week workshop, University of Texas at San Antonio.
- The Provost Teaching Academy, The University of Texas at San Antonio, .
- Grant Writing Workshop, Office of Sponsored Programs, Morgan State University, 2008

## **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 Awards and Scholarships Committee, [Women in GIS](#)
- Member, American Planning Association
- Member, Association of Collegiate Schools of Planning
- Member, Society of Egyptian Architects

#### Past Membership

- Member, Historic Preservation Advisory Board, City of Gainesville, FL 2021-2023
- 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**

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#### University of Florida

- Chair, Geodesign Advisory Committee, College of Design, Construction & Planning 2021 - present
- Steering Committee Member, University’s Conservation Area Land Management Plans 2022 - present
- Member, Housing Research Group, A consortium of Florida housing researchers 2022 - 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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- December 2021 Interview by Texas Homeless Network,  
<https://www.youtube.com/watch?v=Eb17lv4Zb1k>
- 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>

## 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 – 5/2023
- 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

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).

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

**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, 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*.

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## SOFTWARE & TECHNICAL PROFICIENCY

- ArcGIS Pro
- ArcGIS for desktop
- Autodesk AutoCAD
- Autodesk Revit
- 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
- MS Office suite.

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## LANGUAGE PROFICIENCY

- English (fluent)
- Arabic (native)
- German (Conversational)