

AZZA KAMAL, PHD, LEED AP ND

Urban Sustainability, Equity Planning, and Housing Policy Specialist

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EDUCATION

- 2019 Graduate Certificate in Geodesign
Penn State, University Park, PA
- 2018 Graduate Certificate in Geographic Information Systems (GIS)
Penn State, University Park, PA
- 2005 Master of Science in Architecture
Texas A&M University, College Station, Texas
Thesis: Morphological Themes of Informal Housing in Texas Colonias
- 2002 Doctor of Philosophy in Architecture
Cairo University, Egypt^{1, 2}
Dissertation: Framework for Key Actors' Role in Developing Small Rural Settlements in Egypt
- 1997 Master of Science in Architecture
Cairo University, Egypt^{1, 2}
Thesis: Urbanism of Crafts Districts in Cairo from the *Fatimids* to the *Mamluks*
- 1992 Bachelor of Science in Architecture¹ (five-years professional degree)
Cairo University, Egypt^{1, 2}

ACADEMIC APPOINTMENTS

University of Florida, Gainesville, FL

7/2021 - present Instructional Assistant Professor, Sustainability & the Built Environment (and) Urban & Regional Planning, College of Design, Construction and Planning

Texas State University, San Marcos, TX

1/2021 – 5/2021 Adjunct Professor of Urban & Regional Planning, Department of Geography
9/2018 – 5/2021 Visiting Critic, College of Applied Arts, Interior Design Program
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 & 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 (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, Tenure-track (Department of Architecture, College of Engineering)
1/1998- 12/2001 Assistant Lecturer (Department of Architecture, College of Engineering)

Texas A&M University, College Station, TX

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

¹ Overall University Ranking: <http://www.shanghairanking.com/ARWU2020.html>

² Ranking by Subject (Architecture): https://www.topuniversities.com/university-rankings/university-subject-rankings/2020/architecture?utm_medium=website&utm_source=archdaily.com

PROFESSIONAL PLANNING EXPERIENCE

- 3/2020 – 6/2021 Director of Research, SARAH
(US Department of Housing & Urban Development Continuum of Care Agency, Bexar County/ San Antonio, TX)
- Supervised and authored the 2020 Point-in-Time Count Report.
 - Developed SARAH's research portfolio; and integrated data-driven program assessment.
 - Established research partnerships with UTSA, Texas State University, UT Health Science, and the University of Notre Dame Created new initiatives for community data gathering and outcome dissemination.
 - Established an Internship Program with three Texas universities.
 - Supervised research and data analysis staff
 - Managed cross-agency coordination with Homeless Management Information System (HMIS) Agency.
- 8/2018 – 2/2020 Housing Policy Coordinator, City of San Antonio, TX
- Led the City of San Antonio's \$1 M "Emergency Housing Assistance and Displacement Mitigation Policy". The policy was adopted as an ordinance by the City Council in March 2019.
 - Established a longitudinal impact assessment tool to measure outcomes of the policy implementation
 - Developed a city-wide equity metric for allocating \$10 M fund on several "Home Repair Programs" using geospatial, multi-criteria, environmental and socio-economic measures.
 - Co-led a city-wide outreach campaign for the US Department of Housing and Urban Development's Analysis of Impediments (AI) to Fair Housing Choice.
- 2/2017 – 8/2018 Appointed Commissioner, Historic & Design Review Commission (HDRC)
City of San Antonio, Office of Historic Preservation
- Review projects related to exterior changes to properties that are individually designated landmarks or within one of the City's local historic districts; located within a River Improvement Overlay (RIO) district (including the Riverwalk); located within a Viewshed Protection district; or that are publicly-owned (i.e. libraries, parks, fire stations, etc.). The HDRC also reviews infill construction projects located within the "D" Downtown Business District.
- 9/2016 – 8/2018 Urban Sustainability Consultant (Freelance)
- 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.
 - Conducted a study on environmental design and nighttime lighting as predictors of crime in San Antonio neighborhoods; published and presented the outcomes in the international EAAE/ARCC conference, Philadelphia
 - Conducted a study on growth management using eCognition geospatial program to automate and estimate of the loss of urban tree canopy in San Antonio neighborhoods.

LICENSURE

- 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

- 2017-2020 Fulbright Specialist Roster
- 2016 Faculty Service to Undergraduate Research and Creative Inquiry Award, University of Texas at San Antonio
- 2003-2016 Several Academic Travel Awards (faculty awards and graduate student awards)
- 2014 & 2015 Fulbright U.S. Scholar Award
Status: Program was suspended in the region by the US Department of State

2008	Morgan State University New Course Preparation Award: (Latin American House elective)
2007	Fulbright Egyptian Scholar Award <i>Status:</i> (Declined the award due accepting job at Morgan State University)
2006	Faculty Conference Award, Tanta University, Egypt
2003	International Education Study Award, International Program Office, Texas A&M University
2002 & 2003	Association of Former Students Graduate Fellowship, Texas A&M University, TX
2002 & 2003	Community Development Society Conference Fellowship

TEACHING INTERESTS

- Urban planning methods
- Environment and social sustainability metrics
- Low impact development
- Intro & Advanced GIS
- Housing policy & development
- Planning healthy communities
- Urban design studio
- Architecture research methods

COURSES TAUGHT

Texas State University, San Marcos, TX

GEO 3320 (Community and Regional Planning): Lecture
 ID 3322 (Interior Residential Design Studio): sustainability and materials-specs studio
 ID 1320 (Interior Design Graphics I): graphic communications and presentation for designers

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

Graduate Seminars and Methods Courses

URP 5473 (Introduction to Health Planning): a project-based seminar/lab
URP 5393 (Urban Planning Methods I): GIS lab
URP 5363 (Urban Planning Methods II): project-based/lab
 ARC 6931 (Master's Project Preparation): 1-credit hour colloquium
 ARC 6973 (Master's Project Preparation): 3-credit hour research for thesis studio
COA 6433 (Research Methods), college-wide offering

Undergraduate Studios and Lectures

ARC 3433 (Architecture and Thought): lecture/lab on topics in sustainability
ARC 6973/3203 (Housing Design & Development), grad/undergrad theories seminar
 ARC 4246 (Systems Studio III): integrated systems and materials
ARC 4256 (Architecture-Research Studio), urban housing studio
 ARC 4156 (Vertical Design Studio): junior/senior architectural studio
 ARC 3226 (Architecture Studio II), urban design studio
 ARC 1214, ARC 2156, & ARC 2166 (Architecture Design I, III, & IV): foundation studios

Morgan State University, Baltimore, MD

Undergraduate Studios and Lectures

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

Undergraduate Studios and Lectures

AD: (Architectural Design I & II) and AH 3204 (Community Development)

Texas A&M University, College Station, TX

Graduate Design Studios

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

ARCH602, M. Arch III program (Architecture Design Studio): urban-focused studio

STUDENTS SUPERVISING/ ACCOMPLISHMENT

Member, Graduate Theses Committees

- Master of Science in Urban and Regional Planning Thesis, CACP, UTSA
 - Nicole Thomas: (Strengthening Spaces for Queer People of Color in Communities), Spring, 2016
 - Abdullah Karban: (Neighborhood Urban Sustainability Assessment in Saudi Arabia), 2014
 - Emily Guerrero: (The Relationship of Public Space and Public Health in San Antonio), 2013
- Master of Science in Architecture Thesis, CACP, UTSA
Jing Hong. (Analysis of current statuses of energy-saving residential buildings in the US and China), 2011

Faculty Advisor, Projects and Exhibitions

- Undergraduate Group Research Award, UTSA Center for civic Engagement, *Research Showcase Day*, UTSA, Spring 2015. Awardees: 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: (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

- Social and environmental sustainability
- Affordable housing policy
- Anti-displacement strategies
- Equity and resilient planning
- Homeless programs
- Neighborhood regeneration
- GIS and data visualization
- Participatory methods

PUBLICATIONS (*with students as co-authors)

Book Chapter

Kamal, A. (2021). Automated Analysis of Satellite Imagery to Estimate the Loss of Vegetative Land Cover and Inform Climate Adaptation Implementation Plan of San Antonio, Texas, Elsevier, (abstract accepted).

Refereed Journal Articles and Papers in Proceedings

Kamal, A. and Myers, M. (2021). Who is Left Behind? Homeless Coordination System and Permanent Supportive Housing Success Measures.

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 14th International Conference on Computer in Urban Planning and Urban Management*, July 7-10, Massachusetts Institute of Technology, 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 & Policy Ordinance*

- 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.**, (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. (accepted)
- 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, *Texas Conference on Ending Homelessness*, Houston, TX, October 4-6. (under review)
- 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*, Virtual Conference, April 12-29.
- 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 (CDDL) 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)

- 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, *2nd Oilfield Housing Solutions Conference*, May 1st, 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 Annual Meeting*, 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 24th, 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. 14th, San Antonio, TX.
- Kamal, A.** (2012), Strategic Housing Analysis: Sustainable Choices for the Growing Demand for Housing in the Eagle Ford Shale Area of South Texas. Invited Speaker at *the Governor's Small Business Forum Series*, September 20th, 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)

- 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 21st.
- 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 26th.
- 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.

FUNDED RESEARCH

Extramural Funding

- Co-Investigator (20%) with Jack Tsai, PI (80%): Eviction and Homelessness as A Potential Intervention Point to Suicide.
 Sponsor: American Foundation for Suicide Prevention, 2021-2023
 Amount: \$500,000 (*Under review for resubmission*)
- Principal Investigator (100%): 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 (100%): 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 (100%): 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 (80%); with Co-PI, Richard Tangum (20%): Impact Analysis of the HUD's Neighborhood Stabilization Program.

Sponsor: National Association for Latino Community Asset Builders [NALCAB], 2012-2013.
Amount: \$20,000

Co-PI (50%); with Co-PI, Richard Tangum (50%): Capacity Building for Economic Growth and Competitiveness: Zapata County, TX.

Sponsor: Zapata Economic Development Corporation [ZEDC], 2012-2013.
Amount: \$30,539

Principal Investigator (100%): 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 (20%), with PI: Akers, M.A. (20%), Co-PIs: VanGeest, J (20%), Loubert, L. (20%), Wong, S. (10%), and Perry, M. (10%): 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

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

PROFESSIONAL SERVICES

Reviewer:

- Journals
 - ASCE's Journal of Urban Planning and Development
 - Journal of Social Distress and Homelessness
 - Perkins + Will Research Journal
- Books
 - "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).

- Conferences
 - 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

Active Membership

- Member, American Planning Association
- Int'l Associate Member, American Institute of Architects
- Member, Advisory Council, Urban and Regional Planning Graduate Program at UTSA
- Member, Advisory Board, Palo Alto Community College, San Antonio, TX
- Treasurer, Alamo Regional Data Alliance, San Antonio, TX
- Board Member, *Culturingua*, San Antonio, TX
- Member, Deconstruction Advisory Board, Office of Historic Preservation, City of San Antonio, TX
- Member, Society of Egyptian Architects (SEA)

Past Membership

- Appointed Commissioner, Historic and Design Review Commission, City of San Antonio 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)

University of Texas at San Antonio, San Antonio: TX

- Member, Task Force for Faculty Annual Evaluation Process/Metrics (Arch.) 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 (CBEIS building). 2008 - 2009
- Member, Curriculum Development Committee, Department of Architecture School of Architecture and Planning. 2008
- Member, Project Development Team, Latin American and Caribbean Studies Program (LACAS). 2008
- Member, Applicants evaluation committee, 2+3 Master of Architecture Program School of Architecture and Planning. 2008
- Member, Communication Committee, School of Architecture and Planning. 2007

PROFESSIONAL DEVELOPMENT (selected)

- Microsoft *HoloLens* Workshop, Microsoft, Austin, Texas (2015)
- Six-week Course for Teaching Online Courses, (Summer, 2013), UTSA Provost Office.
- One-week Hybrid Course Prep. Workshop, (summer, 2012), UTSA Provost Office.
- Provost Academy for “Teaching Creative Thinking”, (Summer, 2011), UTSA Provost Office.

ARCHITECTURAL PRACTICE (built projects only)

* Award -winning projects

5/1997 – 12/2001 **SHEHAB MAZHAR ARCHITECTS, CAIRO**

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

Lead Architect and Project Coordinator

- *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

8/1993 – 4/1997 **SHAFIE-SHERIF ARCHITECTS, CAIRO**

<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.
 - *1st Prize Project, Ministry of Health National Design Competition, “*Al-Azhar*” University 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

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