

PLANNING COMMISSION BOARD OF DIRECTORS

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DEEMED INELIGIBLE:				
FRANK MUNOZ – Does not claim residency in San Antonio. Pursuant to its Bylaws as a Charter-appointed Board, the Planning Commission does not allow for non-residents to serve on the Board.				

DEPARTMENT: Office of the City Clerk

DEPARTMENT HEAD: Debbie Racca-Sittre

COUNCIL DISTRICTS IMPACTED: City-Wide

SUBJECT:

Consideration of At Large Appointments to the Planning Commission (5 available seats) [Debbie Racca-Sittre, Office of the City Clerk; Michael Shannon, Development Services Department]

SUMMARY:

The Planning Commission is comprised of 9 At-Large Board Members appointed by the City Council for overlapping staggered two-year terms. There are 5 available positions with the current commissioners in place serving in holdover status until those positions are filled for a new term of office to expire October 6, 2024.

BACKGROUND INFORMATION:

The nine member At-Large Planning Commission is appointed by the City Council for overlapping staggered two-year terms. Commissioners should represent as nearly as practicable various areas of the City. In addition to the nine members, there are four Ex-Officio members that include: the City Manager, a Councilmember designated by City Council, the Chairman of the Zoning Commission, and the Chairman of the Zoning Board of Adjustment. The Ex-Officio members may vote but their votes do not count towards a quorum.

The Planning Commission has the principal duty of acting as an advisory body to the City Council to consider comprehensive, City-wide development consisting of the following:

- Final approving body for Subdivision Plats, Subdivision Variances, and Planned Unit Developments (PUDs) in the City and extraterritorial jurisdiction
- Appellate body for Rights Determinations (vested rights), Master Development Plans (MDPs), and Certificates of Determination (plat exceptions)
- Recommending body to City Council for street closures, street name changes, license agreements, encroachments, land transactions, Unified Development Code (UDC) Amendments, the Parks Plan, Capital Improvements Program (CIP), Annexation, Master Plan amendments (including Neighborhood, Community and Sector plans), and Major Thoroughfare Plan Amendments

The City is currently seeking applicants to fill 5 available At-Large Citizen positions which include 4 possible reappointments and 1 vacancy. All five seats will have a new term of office to expire October 6, 2024. A Press Release was issued on October 11, 2022 announcing the 5 available seats and a total of 8 applications were received.

ISSUE:

Board appointments require full City Council approval. Terms are for two (2) years with no term limitations. The recommended appointments will serve a new term of office to expire October 6, 2024.

ALTERNATIVES:

The Governance Council Committee could elect to not make recommendations and the Office of the City Clerk would continue to promote vacancies.

FISCAL IMPACT:

There is no fiscal impact.

RECOMMENDATION:

The Development Services Department recommends approval of the Governance Council Committee's recommendation for appointments to the Planning Commission. The recommended appointments will be submitted to the full City Council at the next available City Council Meeting for approval.

City of San Antonio Boards and Commissions

Planning Commission

Term: Two Year Staggered Term Term Limit: Liaison: Jennifer Hyatt (210) 207-0169

Name	Representing	Date Appointed	Date Reappointed	Date 2nd Reappointed	Date Expires
					•
Julia Carrillo Haynes	At Large	-	Dec 3, 2020	Dec 3, 2020	Oct 6, 2022
Samer Dessouky	At Large	Dec 3, 2020			Oct 6, 2022
Michael A. Garcia Jr.	At Large	Nov 21, 2013	Jan 16, 2020	Jan 27, 2022	Oct 6, 2023
Bryan A. Lopez	At Large	Jan 27, 2022			Oct 6, 2023
Anamari C. Milam	At Large	Jan 27, 2022			Oct 6, 2023
Planning Commission Vice Chair					
George W. Peck	At Large	Oct 13, 2012	Dec 3, 2020	Dec 3, 2020	Oct 6, 2022
Planning Commission Chair Pro Tem	l				
Matthew D. Proffitt	At Large	Jan 16, 2020	Dec 3, 2020	Dec 3, 2020	Oct 6, 2022
Britney E. Schindler	At Large	Jan 27, 2022			Oct 6, 2023
Meredith Siegel	At Large	Dec 3, 2020			Oct 6, 2022
John Bustamante (ex-officio)	Other	Oct 13, 2019			May 31, 2021
Ex-Officio - Zoning Commission Cha	air				
John Courage (ex-officio)	Other	Aug 5, 2021			May 31, 2023
Ex-Officio - Councilmember					
Donald Oroian (ex-officio)	Other	Aug 8, 2019			May 31, 2021
Ex-officio - Zoning Board of Adjustn	nent Chair				
Erik Walsh (ex-officio)	Other	Jun 1, 2019			May 31, 2023
City Manager					

Ethnic/Gender Breakdown

Planning Commission

Name	Residential District	Ethnicity	Gender
John Bustamante (ex-officio)	Other	Н	М
Julia Carrillo Haynes	District 9		F
John Courage (ex-officio)	Other	W	М
Samer Dessouky	District 8	ME	М
Michael A. Garcia Jr.	District 8	Н	М
Bryan A. Lopez	District 8	Н	М
Anamari C. Milam	District 2	W	F
Donald Oroian (ex-officio)	Other	W	М
George W. Peck	District 8	W	М
Matthew D. Proffitt	District 10	W	М
Britney E. Schindler	District 9	W	F
Meredith Siegel	District 1	W	F
Erik Walsh (ex-officio)	Other	W	М

Total Members: 13

GENDER		%	ETHNICITY		%
FEMALES: MALES:	4 9	30.8% 69.2%	B=African American: H=Hispanic: I=American Indian/Alaska Native: O=Other: P=Asian or Pacific Islander: U=Unknown:	0 3 0 0 0 0	0.0% 23.1% 0.0% 0.0% 0.0% 0.0% 61.5%
			W=Non-Minority:	8	01.5%

Gender: M=Male; F=Female

Ethnicity: B=African American; H=Hispanic; I=American Indian/Alaska Native; O=Other, P= Asian/Pacific Islander; U=Unknown; W=Non-Minority

NAME OF BOARD/COMMISSION: Planning Commission

REPORTING PERIOD: October 1, 2022 to December 31, 2022

Board Member Attendance Report

Submitted by Jennifer Hyatt Department Development Services Telephone 210-207-0169

MEMBER'S NAME	Appointed Term Date (refer to Board Roster)	Date Term Expires (refer to Board Roster)	Provide District or indicate if At Large	Total # of Meetings held (10/1-12/31/22)	# of Meetings Attended (10/1-12/31/22)	% of Meetings Attended [#Meetings attended ÷ #Meetings Held x 100]	Missing 3 consecutive meetings or more? Yes or No	Reason for missing?	Missed Meeting Dates
Anamari Camis Milam	1/27/2022	10/6/2023	At Large	4	4	100.0%	No		
George Peck	10/13/2012	10/6/2022	At Large	4	3	75.0%	No		26-Oct
Matthew Proffitt	1/16/2020	10/6/2022	At Large	4	2	50.0%	No		10/12/2022 and 12/14/22
Julia Carrillo Haynes	11/29/2018	10/6/2022	At Large	4	4	100.0%	No		
Michael Garcia Jr.	11/21/2013	10/6/2023	At Large	4	4	100.0%	No		
Meredith Siegel	12/3/2020	10/6/2022	At Large	4	4	100.0%	No		
Samar Dessouky	12/3/2020	10/6/2022	At Large	4	3	75.0%	No		11/16/2022
Brittney Schindler	1/27/2022	10/6/2023		4	4	100.0%	No		
Bryan Lopez	1/27/2022	10/6/2023	•	4	4	100.0%	No		

Planning Commission Applicant Demographics

Prefix	Last_Name	First_Name	Middle_Name	Suffix	Gender	Ethnicity	Residential District	Title	City	Zip	Employer	Job_Title	Occupation
Mr.	Balch	John	Wainwright		Male	White/Non-Hispanic	District 9	J.W. Balch, PE, CFM	San Antonio	78258	Westwood Professional Services	Project Engineer	Civil Engineer
						Middle Eastern or North						Professor of Civil and Environmental	
Dr.	Dessouky	Samer			Male	African	District 8	Ph.D, P.E., F. ASCE	Helotes	78023	University of Texas at San Antonio	Engineering	Civil Engineering
Ms	Faulkner	Stephanie	Michelle		Female	White/Non-Hispanic	District 1		San Antonio	78210	Federal Government	Contracting Officer	Construction and A/E Contracts Mgt
Mr.	McLeaird	Ryan			Male	White/Non-Hispanic	District 9		San Antonio	78216	Silver Spur Ventures LLC	Owner	Real Estate
												Vice President, Regional Practice	
Mr.	Peck	George	W.		Male	White/Non-Hispanic	District 8		San Antonio	78231	KCI Technologies, Inc.	Leader	Civil Engineer
Mr.	Proffitt	Matthew	David		Male	White/Non-Hispanic	District 9		San Antonio	78258	Terramark Urban Homes	Development Manager	Manager
Ms.	Siegel	Meredith			Female	White/Non-Hispanic	District 1		San Antonio	78210	Merced Housing Texas	Construction Project Manager	Construction Project Manager

Planning Commission At Large	Application No: No: 20221012150106_13072
ELIGIBILITY	
PROFILE	
Prefix	Mr
Last Name	Balch
First Name	John
Middle Name	Wainwright
Suffix	
Preferred Name	J.W. Balch
Title	J.W. Balch, PE, CFM
Are you a City of San Antonio resident?	Yes
San Antonio Resident Length Years	05
In which City Council District do you reside?	09
How many years have you lived in the City Council District where you reside?	02
Address Type?	Residence
Address	
City	San Antonio
State	TX
Zip	78258
Phone Type?	Cell
Phone number	
Phone 2 Type?	Business
Phone 2 number	1
Address 2 Type?	Business
Address 2	1718 Dry Creek Way, Suite 110
City 2	San Antonio
State 2	TX
Zip 2	78259
eMail	
Employer	Westwood Professional Services
Job Title	Project Engineer
Occupation	Civil Engineer
Board/Commission/Committee Name	Planning Commission~At Large~~04
DEMOGRAPHIC INFORMATION	

The City of San Antonio strives for boards and commissions to be representative of our diverse community. Providing the following demographic information is voluntary, and will only be used for statistical and reporting purposes.	
Race/Ethnicity (Please select all that apply):	White/Non-Hispanic
Gender	Male
Age:	25 to 34
Do you identify as a sexual minority (such as lesbian, gay, bisexual, queer, etc)?	No
QUESTIONS	
If this board position requires residency within Bexar County, the City of San Antonio city limits or within a particular council district, do you meet those residency requirements?	Yes
Do you or any of your immediate family members or any businesses that you or they own currently have any direct or indirect financial interest in any contract(s) with the City, including subcontracts?	No
Will you or any of your immediate family members or any businesses that you or they own seek a contract(s) with the City in the foreseeable future?	No
Do you or any of your immediate family members or any businesses that you or they own have any financial interest, direct or indirect, in any sale to the City of any land, materials, supplies, or service?	No
Will you or any of your immediate family members of any businesses that you or they own seek or take part, either directly or indirectly, in any sale of land, materials, supplies, or service to the City in the foreseeable future?	No
Does your employer or an employer of your immediate family members have a contract with the City?	No
Do you or any of your family members currently serve or in the past year served as an administrative aide to a Councilmember?	No
Do you currently serve in any elected or appointed public government office?	No
Are you a member and/or officer and/or employee of any boards, commissions, corporations, non profit entities, agencies, or other entities?	No
Do you intend to seek election or appointment to any public office or board or commission in the foreseeable future?	No
Have you ever been hired for a position with the City of San Antonio?	No
Describe your Educational history	Bachelors in Civil Engineering, Texas Tech University
Describe your Professional History & Certification designations (Current and historical).	Civil Engineer working in the greater San Antonio Area Licensed PE, Certified Floodplain Manager
Describe your Volunteer Experience & Community Service	I donate blood every couple months. Occasionally work on community service projects

	with Westwood Professional Services.
Please provide a brief narrative outlining your reasons for seeking appointment to this board or commission:	I believe I could be of benefit to the board due to my occupation as a civil engineer in the land development industry. I work in many municipalities across Texas and have knowledge of different Unified Development Codes. I specialize in flood risk management and drainage engineering, and am current on CoSA and SARA code.
APPLICATION SIGN-OFF	
As a board, commission, or committee member, you will be asked to adhere to: Code of Ordinances, City of San Antonio, Part II, Chapter 2, Article IX, Sec.2-534. All board and commission members must file a Financial Disclosure Report with the Office of the City Clerk upon appointment, and annually thereafter, throughout the member's erm. Failure to file a Financial Disclosure Report within the time required by the City's Ethics Code will be considered an automatic removal.	
understand that if any member of the public makes a request for nformation included in this Application for Appointment, most of the nformation must be disclosed under the Public Information Act. I understand that the City of San Antonio will attempt to maintain the confidentiality of highly private matters by seeking an Attorney General's opinion in accordance with the Public Information Act. understand that it may not be legally possible to maintain the confidentiality of such information, and I hereby release the City of San Antonio, and its agents, employees and officers, from any and all iability whatsoever if the information must be released pursuant to the Public Information Act or any other law requiring its release.	Acknowledged
recognize that I am an applicant for Planning Commission~At Large~ ~04, as a City of San Antonio board or commission that s more than advisory in nature. As a city officer, I understand that I, ny immediate family members, and any business in which I and/or hey hold a 10% or greater ownership interest will be prohibited from seeking or accepting contracts with the city for the duration of my service on this board. I further understand that this restriction will extend with regard to many types of discretionary contracts for a period of one year after leaving city service.	Acknowledged
DATH: I have read and understand the guidelines set out in this application. The foregoing statements are true, accurate, and complete. agree that any misrepresentation or omission of facts may result in my disqualification for appointment.	Acknowledged
	J.W. Balch
Enter Your Name	

official may choose whether to allow the public access to the information in the custody of the City that contains your home address, home telephone number, or reveals whether you have family members. Please note that this does not apply to business addresses, which are subject to public disclosure. If an open records request is filed requesting to view or obtain records that contain your personal information, the City will take steps to protect your personal information as authorized by the Texas Public Information Act, but only if you have elected to protect personal information.	
I want the public to have access to my Home Address.	No
I want the public to have access to my Home Telephone Number.	No
I want the public to have access to my Social Security Number.	No
I want the public to have access to my Emergency Contact Information.	No
I want the public to have access to my Family Information.	No
Please attach any additional information, such as a current resume, using the Attachments panel at the bottom of this page.	

Planning Commission At Large	Application No: No: 20221027083043 13114				
ELIGIBILITY					
PROFILE					
Prefix	Dr				
Last Name	Dessouky				
First Name	Samer				
Middle Name					
Suffix					
Preferred Name					
Title	Ph.D, P.E., F. ASCE				
Are you a City of San Antonio resident?	Yes				
San Antonio Resident Length Years	15				
In which City Council District do you reside?	08				
How many years have you lived in the City Council District where you reside?	15				
Address Type?	Residence				
Address					
City	Helotes				
State	TX				
Zip	78023				
Phone Type?	Cell				
Phone number					
Phone 2 Type?	Business				
Phone 2 number					
Address 2 Type?	Business				
Address 2	One UTSA Circle, School of Civil and Environmental Engineering and Construction Management				
City 2	San Antonio				
State 2	TX				
Zip 2	78249				
eMail					
Employer	University of Texas at San Antonio				
Job Title	Professor of Civil and Environmental Engineering				
Occupation	Civil Engineering				
Board/Commission/Committee Name	Planning Commission~At Large~~04				

community. Providing the following demographic information is voluntary, and will only be used for statistical and reporting purposes	
Race/Ethnicity (Please select all that apply):	Middle Eastern or North African
Gender:	Male
Age:	45 to 54
Do you identify as a sexual minority (such as lesbian, gay, bisexual, queer, etc.)?	No
QUESTIONS	
If this board position requires residency within Bexar County, the City of San Antonio city limits or within a particular council district, do you meet those residency requirements?	Yes
Do you or any of your immediate family members or any businesses that you or they own currently have any direct or indirect financial interest in any contract(s) with the City, including subcontracts?	Yes
Identify anticipated parties to the contract(s)and describe contract(s).	Through UTSA, I served as principal investigator for several service agreements (Research/technical services) with COSA Transportation and Capital improvements offices to provide best practices and guidelines in improving pavement durability, safety for pedestrians and motorists. This year I completed a service agreement with the COSA street division to provide best practices of using recycled pavement materials in construction of concrete side walks we currently working with SARA under supervision of COSA on best practices of using vegetation along roadways in Edwards Aquifer recharge and contributing zones for storm water management and water quality improvement
Will you or any of your immediate family members or any businesses that you or they own seek a contract(s) with the City in the foreseeable future?	Yes
Identify anticipated parties to the contract(s) and describe anticipated contract(s).	As a faculty member at UTSA, I continue to seek collaboration with COSA through service agreements to assist transportation and sustainability offices with solution to current challenges in roadways durability and safety.
Do you or any of your immediate family members or any businesses that you or they own have any financial interest, direct or indirect, in any sale to the City of any land, materials, supplies, or service?	No
Will you or any of your immediate family	No

members of any businesses that you or they own seek or take part, either directly or indirectly, in any sale of land, materials, supplies, or service to the City in the foreseeable future?	
Does your employer or an employer of your immediate family members have a contract with the City?	Yes
List name of employer, family member and describe contract.	UTSA continuously has its faculty members engaged in research and service contracts with COSA
Do you or any of your family members currently serve or in the past year served as an administrative aide to a Councilmember?	No
Do you currently serve in any elected or appointed public government office?	No
Are you a member and/or officer and/or employee of any boards, commissions, corporations, non-profit entities, agencies, or other entities?	Yes
Give the title and dates of any position which you have held in such organization:	I with my wife owns LLCs that rent Single Family Residence (SFR) properties
Do you receive any compensation for service on this entity(ies)?	Yes
If yes, please describe compensation, for example - \$20 per meeting.	Rental proceeds from our properties
Do you intend to seek election or appointment to any public office or board or commission in the foreseeable future?	No
Have you ever been hired for a position with the City of San Antonio?	No
Describe your Educational history.	PhD: Civil Engineering, Texas A and M University, College Station, Texas (May 2005). Dissertation Title: Multi-scale Approach for Modeling Hot Mix Asphalt. Master of Science: Civil and Environmental Engineering, Washington State University (WSU), Pullman, Washington (December 2001). Thesis Title: Performance Prediction of Asphalt Mixes Using The Superpave Gyratory Compactor. Bachelor of Science: Civil Engineering, Ain Shams University (ASU), Cairo, Egypt (June 1996).
Describe your Professional History & Certification designations (Current and historical).	Assistant Director and Professor, School of Civil and Environmental Engineering and Construction Management, UTSA (Oct 2021, present) Commissioner: Member of Planning Commission of City of San Antonio (Oct 2020-Oct 2022) Associate Editor: Journal of Materials in Civil Engineering Part B: Pavement, ASCE. Chair: Bituminous Pavement Committee (BMC) of Construction Institute (ASCE): 01/2018-01/2020) Chair: Transportation Research Board Subcommittee Alternative Uses of Right-of-

	Ways, Infrastructure, and Facilities AMS20(2) (Sep 2021-Sep 2024) Associate Director: TRAN-SET regional University Transportation Center (09/2017-12/2024) funded by USDOT Research Scientist, Department of Civil and Environmental Engineering, University of Illinois at Urbana-Champaign (05/2005-07/2007).
Describe your Volunteer Experience & Community Service	Judge for ExxonMobil Texas Science and Engineering Fair, San Antonio, TX (2008, 2009, 2012, 2015) Judge for School of Science and Technology (SST), San Antonio, TX (2009) Speak to elementary, middle and high schools students on the Civil Engineering Profession.
Please provide a brief narrative outlining your reasons for seeking appointment to this board or commission:	After serving one term as a planning commissioner I am willing to continue my service in this role for one more term. I gained the knowledge and expertise needed to provide unbiased votes and thoughts to City planning division on issues related to plots, plan amendments, variances and annexations. I also provide input and feedback to future planning initiatives such as Community Area Plan Administrative. I also served in the alternative in the PCTAC to provide input to the revised UDC effort that takes place every five years.
APPLICATION SIGN-OFF	
As a board, commission, or committee member, you will be asked to adhere to: Code of Ordinances, City of San Antonio, Part II, Chapter 2, Article IX, Sec.2-534. All board and commission members must file a Financial Disclosure Report with the Office of the City Clerk upon appointment, and annually thereafter, throughout the member's term. Failure to file a Financial Disclosure Report within the time required by the City's Ethics Code will be considered an automatic removal.	
I understand that if any member of the public makes a request for information included in this Application for Appointment, most of the information must be disclosed under the Public Information Act. I understand that the City of San Antonio will attempt to maintain the confidentiality of highly private matters by seeking an Attorney General's opinion in accordance with the Public Information Act. I understand that it may not be legally possible to maintain the confidentiality of such information, and I hereby release the City of San Antonio, and its agents, employees and officers, from any and all liability whatsoever if the information must be released pursuant to the Public	Acknowledged

Information Act or any other law requiring its release.	
I recognize that I am an applicant for Planning Commission~At Large~ ~04, as a City of San Antonio board or commission that is more than advisory in nature. As a city officer, I understand that I, my immediate family members, and any business in which I and/or they hold a 10% or greater ownership interest will be prohibited from seeking or accepting contracts with the city for the duration of my service on this board. I further understand that this restriction will extend with regard to many types of discretionary contracts for a period of one year after leaving city service.	Acknowledged
OATH I have read and understand the guidelines set out in this application. The foregoing statements are true, accurate, and complete. I agree that any misrepresentation or omission of facts may result in my disqualification for appointment.	Acknowledged
Enter Your Name	Samer Dessouky
Date of submission	10/27/2022
The Texas Public Information Act provides that each government official may choose whether to allow the public access to the information in the custody of the City that contains your home address, home telephone number, or reveals whether you have family members. Please note that this does not apply to business addresses, which are subject to public disclosure. If an open records request is filed requesting to view or obtain records that contain your personal information, the City will take steps to protect your personal information as authorized by the Texas Public Information Act, but only if you have elected to protect personal information.	
I want the public to have access to my Home Address.	No
I want the public to have access to my Home Telephone Number.	No
I want the public to have access to my Social Security Number	No
I want the public to have access to my Emergency Contact Information.	No
I want the public to have access to my Family Information.	No
Please attach any additional information, such as a current resume, using the Attachments panel at the bottom of this page.	

Samer Dessouky, PhD, P.E., Fellow ASCE

Professor at School of Civil and Environmental Engineering and Construction Management University of Texas at San Antonio

ACADEMIC TRAINING

- PhD: Civil Engineering, Texas A&M University, College Station, Texas (May 2005). Dissertation Title: "Multi-scale Approach for Modeling Hot Mix Asphalt."
- MSc: Civil and Environmental Engineering, Washington State University (WSU), Pullman, Washington (December 2001). Thesis Title: "Performance Prediction of Asphalt Mixes Using The Superpave Gyratory Compactor."
- > BSc: Civil Engineering, Ain Shams University (ASU), Cairo, Egypt (June 1996).

PROFESSIONAL EXPERIENCE

- Assistant Director, School of Civil and Environmental Engineering and Construction Management (Oct 2021, present)
- Commissioner: Member of Planning Commission of City of San Antonio (Dec 2020-Dec 2022)
- > Associate Editor: Journal of Materials in Civil Engineering Part B: Pavement, ASCE.
- Chair: Bituminous Pavement Committee (BMC) of Construction Institute (ASCE): 01/2018-01/2020)
- Chair: Transportation Research Board Subcommittee "Alternative Uses of Right-of-Ways, Infrastructure, and Facilities AMS20(2) (Sep 2021-Sep 2024)
- Associate Director: TRAN-SET regional University Transportation Center (09/2017-12/2024) funded by USDOT
- Professor, School of Civil and Environmental Engineering and Construction Management University of Texas at San Antonio (09/2017-present)
- Associate Professor, Department of Civil and Environmental Engineering, University of Texas at San Antonio (09/2013-08/17)
- Assistant Professor, Department of Civil and Environmental Engineering, University of Texas at San Antonio (08/2007-08/2013). Engaged in teaching, research and services
- Research Scientist, Department of Civil and Environmental Engineering, University of Illinois at Urbana-Champaign (05/2005-07/2007). Engaged in multiple research projects in studying low volume roads reinforcement using geogrids, crack sealants specifications development, and wide-base tire effect in pavement.
- Teaching and Research Assistant, Civil Engineering Department, Texas A&M University, College Station, TX (01/2003 – 05/2005).
- Research Assistant, Washington Center of Asphalt Technology (WCAT), Washington State University, Pullman, WA and University of Idaho, Moscow, ID (05/2000 - 12/2002).
- Teaching Assistant, Faculty of Engineering, Ain Shams University, Cairo, Egypt (9/1996 04/2000).
- Highway Design Engineer, Highway Engineering Consultancy Unit (HECU), Cairo, Egypt (06/1996 - 04/2000).

HONORS AND AWARDS

- 1. 2nd place winner for Age Group Two (post-secondary/college/graduate level) in the Safety Category by the American Road & Transportation Builders Association-Student Transportation Video Contest (2019) (https://www.youtube.com/watch?v=hMBLfV8BQ44)
- 2. Transportation Achievement Award-Design on the innovation entitled "Highway Integrated Sensing and Energy Conversion Module (HI-SEM)" by the Institute of Transportation Engineers (2018).
- *3.* Overall Best New Concept, Most Innovative in the Green Engineering topic category, and Best Value in the Next Generation Transportation topic category for the innovation "Pavement Energy harvesting and Cooling (PE-Cool) System" by the ASCE Innovation Contest (2017)
- 4. Second place winner in the Airport Environmental Interactions design challenge category by the Airport Cooperative Research Program (ACRP) University Design Competition. Submission titled "Developing Energy Harvesting Prototypes to Generate Electricity from Runway Pavement Infrastructure of Airports". (2017)
- 5. College of Engineering award on exceeding research expenditures (2017, 2019, 2021)
- 6. Elected Fellow to the American Society of Civil Engineers (ASCE), Feb 2017
- 7. "Most Innovative in Green Engineering" international award by ASCE Innovation Contest (2016) for the invention of "Hybrid Energy Harvesting and Battery-less Wireless Sensing and Monitoring System For The Next Generation Smart Transportation Infrastructure."
- 8. Best Paper Award in the 2015 American Society for Engineering Education Gulf Southwest (ASEE-GSW) Section Annual Conference "Feasibility Study to Harvest Electric Power from Highway Pavements using Laboratory Investigation", San Antonio, TX
- 9. Faculty Internship to NASA Ames Research Center, Moffett Field, CA (Summer 2011& 2012)
- 10. Outstanding reviewer for Journal of Construction and Building Materials, Elseiver (2015)
- 11. Faculty Research Award, UTSA (2008).
- 12. Nominated for the "K. B. Best Paper Award" on the paper entitled "Dynamic Analysis and In-Situ Validation of Perpetual Pavement Response to Vehicular Loading," by Transportation Research Board (2008).
- *13.* "Grant Mickle Best Paper Award" on the paper entitled "A Viscoelastic Model to Describe the Mechanical Response of Bituminous Sealants at Low Temperature" by the Transportation Research Board (2006).
- 14. International Education Study Grant, International Student Services, Texas A&M University, May 2004.

Research /Scholar Activities Summary

Dr. Dessouky is a professor in the division of Civil and Environmental Engineering and assistant director of school of Civil and Environmental Engineering and Construction Management. He has more than 20 years of experience in roadways sustainability, maintenance, pavement management and traffic safety. Prior to his arrival to UTSA, he participated in several state and national projects during the employment at Texas A&M University, University of Illinois and Washington State University. His current research projects are sponsored by federal, state and private sector. His funding at UTSA exceeds \$10.6 million from FHWA, USDOT, TxDOT, City of San Antonio, CPS energy, SARA, Howlett Packard, Institute of International Education and SWRI.

Dr. Dessouky is a current panelist and reviewer for the NCHRP program, Air Force Faculty Fellowship Program, Fulbright and NASA graduate fellowship program. He has 126 refereed technical publications in peer-reviewed journals on bituminous materials, computational micromechanics of asphalt mixtures, pavement sustainability, geogrid reinforcement, energy harvesting from roadways and motorists safety. He is the recipient of the Grant Mickle best paper award by the TRB in 2006, and his recent Energy harvesting innovation won the best innovative green engineering technology by ASCE in 2016 and the best paper award by ASEE in 2015 with his students. Dr. Dessouky continuously participates in outreach activities to attract K-12 and community college minority students to pursue transportation engineering career at UTSA. He has been a frequent judge at the Texas science and Engineering fair to represent UTSA and COE. He was granted two summer fellowships by NASA Ames Research Center to promote STEM education to minority students. His undergraduate student involved with his research won the best poster awards by UTSA funded Department of Education minority program. He chaired and co-chaired 3 visiting scholars, 6 PhD, 29 MSc. and 27 Undergraduates. Dr. Dessouky served as the Principal investigator of a multi-million innovative research project managing more than 30 researchers, students and faculty members from three institutions. He served as a keynote speaker, chair and co-chair for numerous national and international conferences to present the current state of practice in pavement sustainability. Dr. Dessouky chaired the bituminous committee of the ASCE construction institute and the serve in the board of Middle East Society of Asphalt Technologists. He is the associate editor of journal of materials Type B Pavement. At the University level, Dr. Dessouky has served as the vice chair of UTSA Faculty Senate and was the COE representative in University Intellectual Property and Conflict of Interest committee for two terms (2 yr. each). Dr. Dessouky is a Professional Engineer in Ohio and Texas.

SCHOLARLY PUBLICATIONS

PATENTS:

Balcar Z., Baha Biten A., Ahmed S., **Dessouky S.**, and Helffrich J. (2022) "Passive Infrared Sensing And Detection For Traffic" Provisional Serial No.: 62/833,209; Filing Date: April 12, 2019. PCT Application No. PCT/US2020/027159

Dessouky S., Datta U. and Papagiannakis A.T. (2017) "A low-cost prototype to harvest thermal energy from pavement and convert into electric power" Patent disclosure filed

Papagiannakis A.T, Ahmed S., Gopal Vishwakarma, Mohamadreza Khalili, **Dessouky S.**, (2022) "Self-Powered Weigh-in-Motion System" (pending)

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- *90.* **Dessouky S.** (2018) "Experimental and Assessment of Thermoelectric Energy harvesting from Asphalt Pavements, 4th MESAT conference: Sustainable Asphalt Roads in the Middle East, , July 4-6, 2018, Beirut, Lebanon (**Keynote Speaker**)
- *91.* Khoeini S.**, **Dessouky S**. A. T. Papagiannakis, Walubita L., Abbas A. (2018) "Laboratory Evaluation Of Polymer-Based Mixes" Advances in Materials, Pavement Performance and Prediction, Qatar

- *92.* Datta U.**, **Dessouky S.** and A.T. Papagiannakis. (2018) "Economic Feasibility of Thermal Energy Harvesting from Asphalt Pavements" **Transportation Research Record: Journal of the Transportation Research Board proceeding.**
- *93.* Datta U.**, **Dessouky S.**, Papagiannakis A.T. (2018) "Thermal Energy Harvesting from Asphalt Roadway Pavement" Advancement in the Design and Performance of Sustainable Asphalt Pavements. GeoMEast 2017. Sustainable Civil Infrastructures. Springer, Cham (<u>https://doi.org/10.1007/978-3-319-61908-8_20</u>)
- 94. Roshani H.**, Dessouky S., Montoya A., Papagiannakis A.T., Abbas A. (2018) "Development and Finite Element Analysis of Piezoelectric-Based Prototypes for Harvesting Energy from Roadway Pavement". Advancement in the Design and Performance of Sustainable Asphalt Pavements. GeoMEast 2017. Sustainable Civil Infrastructures. Springer, Cham (https://doi.org/10.1007/978-3-319-61908-8 1)
- 95. CI summit Dallas Fort Worth
- 96. Advances in Materials and Pavement Performance Prediction Doha, Qatar
- 97. 2018 TRB ADC60 Summer Workshop, July 15-17, WSU, Spokane, WA (Keynote Speaker)
- 98. Datta U.**, Dessouky S., Papagiannakis A.T. (2017) "Thermal Energy Harvesting from Asphalt Roadway Pavement" The 10th International Conference on the Bearing Capacity of Roads, Railways and Airfields. DOI: 10.1201/9781315100333-303
- *99.* Roshani H.**, **Dessouky S.**, A.T. Montoya and Papagiannakis, (2016) "Laboratory and Finite Element Simulation of PZT Transducers for Potential Energy Harvesting from Roadway Pavements" 4th Sustainable Construction Materials & Technologies (SCMT4), Las Vegas, NV, August 7-11. (Accepted but not published in the proceeding)
- 100. Papagiannakis A.T., Dessouky S., A. Montoya and H. Roshani**. (2016) "Energy Harvesting from Roadways" The 6th International Conference on Sustainable Energy Information Technology (SEIT 2016), Journal of Procedia Computer Science, Vol. 83, pp. 758 765 (DOI: 10.1016/j.procs.2016.04.164)
- *101.* **Dessouky S.** and Papagiannakis, A.T (2016) "Prioritization for Rehabilitation and Preventive Maintenance of Pavement Projects in Texas" 6th Eurasphalt and Eurobitume (E&E) Congress, Prague, Czech Republic, June 1-3.
- 102. Dessouky, S., Contreras, D.**, Sanchez**, J., and Park, D. (2015) "Anti-Oxidants' Effect on Bitumen Rheology and Mixes' Mechanical Performance". Innovative Materials and Design for Sustainable Transportation Infrastructure: International Symposium on Systematic Approaches to Environmental Sustainability in Transportation, pp. 8-18. August 2–5, Fairbanks, Alaska
- *103.* **Dessouky S.** Pothuganti A.** and Walubita L. (2015) "Predicting Mechanical Performance of Asphalt Mixes using Workability and Compactability Assessment in

Laboratory" 3rd MiddleEast Society of Asphalt Technology Conference, American University in Dubai, UAE, April 6-8.

- *104.* **Dessouky S.** and Ilias M.** (2015) "Field Performance of Various Pavement Repairs in Low-Volume Roads over Expansive Soil" 3rd MiddleEast Society of Asphalt Technology Conference, American University in Dubai, UAE, April 6-8.
- *105.* **Dessouky S**. (2015) "Laboratory and Field Evaluation of Asphalt Concrete Mixture Workability and Compactability" The International Airfield & Highway Pavements Specialty Conference, Miami, FL, June 7-10
- 106. Dessouky S. and Ilias M.** (2015) "Long-Term Performance Of Pavement Repair Methods In Low-Volume Roads Built Over Expansive Soil" International Symposium Shrink-Swell Processes in Soils climate and Construction, Paris, France, June 18-19, (Keynote Speaker)
- 107. Roshani H.** and Dessouky S. (2015) ."Feasibility Study to Harvest Electric Power from Highway Pavements using Laboratory Investigation" ASEE-GSW Annual Conference, American Society for Engineering Education (ASEE), University of Texas at San Antonio, Texas (Best Student Paper Award)
- *108.* **Dessouky S.** and Diaz, M. (2015) "Evaluation of Asphalt Mixes Workability and Compactability Using Laboratory and Accelerated Field Testing" TMS Middle East -Mediterranean Materials Congress on Energy and Infrastructure Systems, January 11-14, Doha, Qatar.
- *109.* **Dessouky S.** and Diaz, M. (2015) "Improving Asphalt Mixtures Performance by Mitigating Oxidation Using Anti-Oxidants Additives" TMS Middle East Mediterranean Materials Congress on Energy and Infrastructure Systems, January 11-14, Doha, Qatar.
- 110. Park D., Dessouky S. and Sung-Do Hwang (2014) "Thermophysical properties of graphitemodified asphalt mixture and numerical analyses for snow melting pavement" Sustainability, Eco-efficiency and Conservation in Transportation Infrastructure Asset Management, Proceedings of the 3rd International Conference on Tranportation Infrastructure, ICTI, pp. 87-94.
- *111.* **Dessouky S.,** Krugler P., A.T. Papagiannakis and Freeman T. (2013) "Current Practices for the Prioritization of Rehabilitation and Preventive Maintenance of Pavement Projects in Texas" Transportation Research Board 92th Annual Meeting, Washington, D.C.
- *112.* **Dessouky S.,** Ho J., Bourland M., Ilias M.**, Lee S.I. and Park D.(2013) "Performance of Various Pavement Repairs in Low-Volume Roadways over Expansive Soil". Transportation Research Board 92th Annual Meeting, Washington, D.C.
- *113.* **Dessouky S.** and A.T. Papagiannakis (2012). "Influence of Anti-Oxidants on Bitumen Rheology" The 7th international conference on Maintenance and Rehabilitation of pavement and technological control, Aug 28-30, Auckland, New Zealand.

- *114.* **Dessouky, S.**, and A. T. Papagiannakis, (2012). "Evaluation of the Current Practices for the Selection of Rehabilitation and Preventive Maintenance of Pavement Projects in Texas". American Society of Civil Engineers-Texas Section meeting, San Antonio, TX.
- *115.* **Dessouky,** S., A.T. Papagiannakis, and E. Masad (2009). "Numerical implementation of elasto-viscoplastic model in bituminous mixtures microstructure". 17th International Conference on Soil Mechanics and Geotechnical Engineering (ICSMGE), Alexandria, Egypt, October 5-9.
- *116.* Al-Qadi, I. L., **Dessouky, S.** and E. Tutumluer, (2008) "Geogrid-Reinforced Low-Volume Flexible Pavement Response to Various Tire Configurations Loading". The 4th International Gulf Conference on Roads, Doha, Qatar
- 117. Al-Qadi, I. L., Dessouky, S., E. Tutumluer and J., Kwon (2008). "Geogrid-Reinforced Low Volume Flexible Pavements: Pavement Response and Geogrid Optimal Location." Transportation Research Board 86th Annual Meeting, Washington, D.C. (CD Publications)
- *118.* Kwon J., E. Tutumluer, Al-Qadi, I. L. and **Dessouky, S.** (2008). Mechanistic Model Response Predictions of Geogrid Base Reinforced Flexible Pavements". The First Pan American Geosynthetics Conference & Exhibition 2-5 March, Cancun, Mexico
- *119.* **Dessouky, S.**, I. L. Al-Qadi, and J. Pyeong (2007). "Full-Depth Flexible Pavement Response to Different Truck Tire Loadings." Paper No. 07-3460, Transportation Research Board 86th Annual Meeting, Washington, D.C. **(CD Publications)**
- *120.* Al-Qadi, I. L., E. Tutumluer, J., Kwon and **Dessouky, S.** (2007). "Accelerated Full-Scale Testing Of Geogrid-Reinforced Flexible Pavements." Paper No. 07-2317, Transportation Research Board 86th Annual Meeting, Washington, D.C. **(CD Publications)**
- *121.* **Dessouky S.** and Al-Qadi, I.L., (2007). "Development of Viscoelastic Mechanistic Response Model for Crack Sealant at Low Temperature." International Conference on the Advanced Characterization of Pavement and Soil Engineering Materials, June 20–22, Athens, Greece.
- 122. Al-Qadi, I. L., E. Tutumluer, **Dessouky, S.** and J., Kwon (2007). "Responses of Geogrid-Reinforced Flexible Pavement to Truck- Tire Configuration Using Accelerated Loading." International Conference on the Advanced Characterization of Pavement and Soil Engineering Materials, Athens, Greece.
- *123.* Al-Qadi, I. L., E. Tutumluer, **Dessouky, S.** and J., Kwon (2007). "Mechanistic Response Measurements of Geogrid Reinforced Flexible Pavements to Vehicular Loading." Geosynthetics, Washington, D.C.
- 124. Al-Qadi, I. L., Tutumluer E. and Dessouky S. (2006). "Construction and Instrumentation of Full-Scale Geogrid-Reinforced Flexible Pavement Test Sections." Airfield & Highway Pavements, Proceedings of the 2006 Airfield and Highway Pavement Specialty Conference, ASCE, April 30 - May 3, Atlanta, GA, pp. 131-142.

- *125.* Fini, E., Al-Qadi I.L., **Dessouky S.**, and Masson J-F. (2006). "Adhesion of Bituminous Crack Sealants to Aggregates." Paper No. 06-2888, Transportation Research Board 85th Annual Meeting, Washington, D.C. **(CD Publications)**
- *126.* Al-Qadi, I.L., **Dessouky S.** and Tutumluer E. (2006). "Reinforced Low-Volume Flexible Pavement Response to Accelerated Loading." Proceedings of the 8th International Conference on Geosynthetics (8ICG), Yokohama, Japan, September 18-22.
- 127. Saadeh, S., Masad, E., **Dessouky, S.**, and Little, D. (2005). "Experimental Verification of Anisotropic Elasto-Visco-Plastic Model for Hot Mix Asphalt under Different Loading Conditions," Proceedings of the 2005 Joint ASCE/ASME/SES Conference on Mechanics and Materials, June 1-3, Baton Rouge, Louisiana.
- *128.* **Dessouky, S.,** Masad, E., Saadeh, S., and Little, D. (2005). "Development and Finite Element Implementation of Anisotropic Viscoplastic Model for Hot Mix Asphalt," Proceedings of The 2005 Joint ASCE/ASME/SES Conference on Mechanics and Materials, June 1-3, Baton Rouge, Louisiana.
- *129.* **Dessouky S.**, Saadeh S., Masad E., and Little D. (2004). "Microstructural Viscoplastic Continuum model for asphalt mixes," International Conference on Computational & Experimental Engineering and Sciences (ICCES'04), Madeira, Portugal, July 26-29.
- *130.* **Dessouky, S.**, Masad, E., Zbib, H., Little, D. (2003). "Finite Element Analysis of Thin Film Deformation in Asphalt Mixes Using Gradient Elasticity," Proceedings of the 16th Engineering Mechanics Conference, ASCE, University of Washington July 16-18, Seattle, WA.
- *131.* **Dessouky, S.**, Masad, E., Zbib, H., Little, D. (2003). "Gradient Elasticity Finite Element Model for the Analysis of Bituminous Material Microstructure," Proceedings of the Second MIT Conference on Computational Fluid and Solid Mechanics, June 17-20, 2003, Cambridge, Massachusetts.
- *132.* **Dessouky, S.**, Masad, E., and Bayomy, F., (2002). "Analysis and Measurement of Asphalt Mix Stability Using the Superpave Gyratory Compactor," *The* 6th *International Conference on the Bearing Capacity of Roads, Railways, and Airfields (BCRA'02), Lisbon, Portugal.*
- *133.* **Dessouky, S.**, Masad, E., and Bayomy, F., (2002). "New Method for Evaluating Asphalt Mix Stability Using the Superpave Gyratory Compactor," *First Gulf Conference on Roads,* Kuwait.

TECHNICAL REPORTS (**GRADUATE STUDENT)

134. Mena Souliman, Samer Dessouky, Nitish R. Bastola Expanding the Concept of Comprehensive Area Ratio Parameter to the South-Central States: Towards Simplifying the Structural Evaluation of Flexible Pavements at the Network Level" Tran-SET Project: 20PUTSA34, https://digitalcommons.lsu.edu/transet_pubs/119/

- 135. Amid Tahami Seyed and Samer Dessouky (2021) "An Innovative Thermo-Energy Harvesting Module for Asphalt Roadway Pavement Tran-SET Project: 20PUTSA42, https://digitalcommons.lsu.edu/transet_pubs/120/
- *136.* Hatim Sharif, Samer Dessouky. (2021) "Urban Transportation Infrastructure and Cyclist and Pedestrian Safety" Tran-SET Project: 20SAUTSA35, https://digitalcommons.lsu.edu/transet_pubs/123/
- *137.* Ahmed, S., Dessouky, S., & Downing, R. (2020). Development of a Low Power, Low Cost Rural Railway Intersection Smart Detection and Warning System. Tran-SET Project: 19SAUTSA03, <u>https://digitalcommons.lsu.edu/transet_pubs/95</u>
- *138.* Papagiannakis, A., Ahmed, S., Dessouky, S., Khalili, R., & Vishwakarma, G. (2020). Development of a Self-Powered Weigh-in-Motion System. Tran-SET Project: 19ITSUTSA01, <u>https://digitalcommons.lsu.edu/transet_pubs/94</u>
- *139.* Hassan, H., Dessouky, S., Talebpour, A., & Rahim, M. (2020). Investigating the Impacts of Truck Platooning on Transportation Infrastructure in the South-Central Region. Tran-SET Project: 19PITSLSU14, <u>https://digitalcommons.lsu.edu/transet_pubs/84</u>
- Ahmed, S., Ahn, E., Taha, M. R., Dessouky, S., Genedy, M., Fernandez, D., Sebestian, A., & Raby, P. (2019). Smart Charging of Future Electric Vehicles Using Roadway Infrastructure. Retrieved from <u>https://digitalcommons.lsu.edu/transet_pubs/45</u>
- 141. Kapoor, V., Hutchinson, J., & Dessouky, S. (2019). Evaluation and Enhancement of Carbon Sequestration Potential of Existing Vegetation along Roadsides. Tran-SET Project No. 18HSTSA01, <u>https://digitalcommons.lsu.edu/transet pubs/41</u>
- *142.* Sharif, H., & Dessouky, S. (2019). Portable Roadway High Water Detection System for Driver Safety and Infrastructure Assessment. Tran-SET Project No. 18SATSA05, https://digitalcommons.lsu.edu/transet_pubs/51
- *143.* Souliman, Mena; Romanoschi, Stefan; and **Dessouky, S.** (2018). "Simplified Approach for Structural Evaluation of Flexible Pavements at the Network Level" Tran-Set Final Report. 22. Louisiana State University, LA. <u>https://digitalcommons.lsu.edu/transet_pubs/22</u>
- 144. Karsilaya A, Dessouky, S. and Papagiannakis, A. (2018) "Development of a Self-Powered Structural Health Monitoring System for Transportation Infrastructure". Tran-SET Project No. 17PTAM03, Louisiana State University, LA. https://digitalcommons.lsu.edu/transet pubs/27
- 145. Sharif H., and Dessouky S. (2018) "Relationship between Road Network Characteristics and Traffic Safety" Tran-SET Project No. 17ITSTSA01, Louisiana State University, LA. <u>https://digitalcommons.lsu.edu/transet_pubs/18</u>
- *146.* Huang J., Cleveland T., Sharif H., **Dessouky S.**, Hernandez E., and Zheng C. (2017) "Evaluating Use Of Sub-Grade Drains With PFC For Stormwater Drainage" FHWA/TX-17/0-6843-1. Technical Report for Texas Department of Transportation, Austin, TX.

- 147. Datta U., **Dessouky S**., and A.T. Papagiannakis (2017) "Developing Energy Harvesting Prototype to Generate Electricity from Runway Pavement Infrastructures of Airports" Airport Cooperative Research Program (ACRP) University Design Competition (<u>http://vsgc.odu.edu/ACRPDesignCompetition/competitionwinners/2017/01 2017%20De</u> sign%20Comp environmental/2017%20ACRP%20Design%20Competition 2nd Environme ntal.pdf)
- *148.* Sharif H., Weissmann J., **Dessouky S.** and Weissmann A. (2017) "Traffic Safety Challenges and Strategies In The Eagle Ford Shale Area" FHWA/TX-14/0-6899-1, Technical Report for Texas Department of Transportation, Austin, TX.
- 149. Dessouky S., Guo R., Bhalla A., Montoya A., A.T. Papagiannakis and Roshani H.** (2016) "Development of Highway Sensing and Energy Conversion (HiSEC) Modules For Generating Power" FHWA/TX-16/0-6871, Technical Report for Texas Department of Transportation, Austin, TX.
- *150.* Sharif H., Weissmann J. and **Dessouky S.** (2016) "Safety and economic impacts of Texas travel information centers-An Update". Technical Report for Texas Department of Transportation, Austin, TX.
- *151.* Sharif H., Weissmann J. and **Dessouky S.** (2014) "Safety and economic impacts of Texas travel information centers". FHWA/TX-15/0-6821-1 Technical Report for Texas Department of Transportation, Austin, TX.
- *152.* **Dessouky S.** and A.T. Papagiannakis (2014). "Guidelines and Best Practices of Slurry Seal Operation for City of San Antonio (CoSA)" UTSA report No. 014-001, University of Texas at San Antonio, TX.
- 153. Nasir G. Gharaibeh, Paul Narciso, Youngkwon Cha, Jeongho Oh, Jose Rafael Menendez, Dessouky S., and Andrew Wimsatt. (2014) "A Methodology to Support the Development of 4-Year Pavement Management Plan," FHWA/TX-14/0-6683-1, Technical Report for Texas Department of Transportation, Texas Transportation institute, College Station, TX.
- *154.* **Dessouky S.** and A.T. Papagiannakis (2013) "Synthesis of Best Practices for the Placement of Long and Short Patches for Ride Quality" FHWA/TX-11/0-6667-1, Technical Report for Texas Department of Transportation, University of Texas at San Antonio, TX.
- 155. Kassem E., Scullion T., Masad E., Chowdhury A., Liu W., Estakhri C., and Dessouky S. (2012) "Comprehensive Evaluation of Compaction of Asphalt Pavements and Development of Compaction Monitoring System" FHWA/TX-12/0-6992-2, Technical Report for Texas Department of Transportation, Texas Transportation institute, College Station, TX.
- *156.* **Dessouky S.** and A.T. Papagiannakis (2012) "Best Practices for Level-Up Patching Operation" FHWA/TX-11/0-6667-P1, Technical Report for Texas Department of Transportation, University of Texas at San Antonio, TX.
- 157. **Dessouky S.**, Yang M., Ilias M.**, Ho J., Freeman T., Bourland M., and Jao M. (2012) "Pavement Repair Strategies For 2R and Routine Maintenance (RMC) Projects." FHWA/TX-

11/0-6589-1, Technical Report for Texas Department of Transportation, University of Texas at San Antonio, TX.

- *158.* **Dessouky S.,** Krugler P., A.T. Papagiannakis and Freeman T. (2011) "Review of Best Practices for the Selection of Rehab and Preventative Maintenance Projects." FHWA/TX-11/0-6586-1, Technical Report for Texas Department of Transportation, University of Texas at San Antonio, TX.
- *159.* **Dessouky S.** and A.T. Papagiannakis (2010) "Full-Depth Reclamation (FDR) Evaluation for City of San Antonio (CoSA)." UTSA report No. 010-003, University of Texas at San Antonio, TX.
- 160. L. Walubita, V. Umashankar, X. Hu, B. Jamison, F. Zhou, T. Scullion, A. Martin, and S. Dessouky (2010) "New Generation Mix-Designs: Laboratory Testing and Construction of the APT Test Sections." FHWA/TX-09/0-6132-1, Texas Transportation institute, College Station, TX.
- *161.* Al-Qadi, I., Yang S-H., Elseifi M., **Dessouky, S.,** M, Loulizi A., Masson J-F., McGhee K. (2008) "Characterization of Low Temperature Creep Properties of Crack Sealants Using Bending Beam Rheometer." *Research Report FHWA-ICT-08-029, Illinois Center for Transportation,* Rantoul, IL.
- *162.* **Dessouky, S**., Masad, E., Little, D., (2005) "Mechanistic Model to Predict the Impact of the aggregate Matrix on the Permanent Deformation of asphalt Mixtures." *Technical Report 0-1707-6* Submitted to Texas Department of Transportation and Federal Highway Administration.
- *163.* Bayomy, F., Masad E., and **Dessouky S**. (2004) "Development and performance prediction of Idaho Superpave mixes" *Interim Report of ITD-NIATT Project KLK464, National Institute for Advanced Transportation Technology; University of Idaho.*

NON-REFEREED CONFERENCE PRESENTATIONS (*ABSTRACT, **GRAD STUDENT)

- 1. Desouky (2021) "Innovation of Energy Harvesting in Roadways" University of Illinois Urbana Champaign. Nov 11, 2021 (**Kent Lecture keynote speaker**)
- *2.* Keynote speaker at the Transportation Research Council (2021) "Innovated Approaches of Energy Harvesting for Smart Roadway" Nov 4, 2021, (Virtual to China)
- *3.* KSAT TV interview (2021) on pavement potholes and damage after Sever Rainfall in San Antonio. July 8.
- 4. Dessouky and Sharif (2021) Presented energy technology on Infrastructure to the SACIV UTSA (African delegation), Jun 28. San Antonio TX.
- *5.* Dessouky (2020) level-up Pavement Pavement Webinar, Lockwood, Andrews and Newnam Inc. (keynote speaker) Sep 23. San Antonio TX. (Webinar to 70 practitioners)

- *6.* Dessouky (2020) Building Smart Roadways Through Energy Harvesting Innovation. Arab Web Science Weak (**Keynote speaker**) July 8-9
- 7. Dessouky (2020) "Innovative Technologies to Harvest Useable Power from Roadway Infrastructure" ASCE Young members Technical Session, San Antonio, TX. Feb 5.
- 8. Dessouky (2019) "Advancements in Pavement Technology" GeoMeast 2019, Cairo, Egypt, Nov 11-14 (**Invited keynote speaker**)
- *9.* Dessouky (2019) "Seminars on Advancements in Pavement Technology" Mansoura University, Egypt, October 8 (**Invited keynote speaker**)
- *10.* Desouky (2019) "Innovation of Energy Harvesting in Roadways" EPIcenter Summit Plug Me In: Smart.Connected.Electrified. June 19, 2019 (**Invited keynote speaker**)
- *11.* Dessouky (2019) "Harvesting Energy alternatives from Roadways pavement" 4th International Conference on Transportation Infrastructure and Materials, Jinan, China, June 1-4. **(Invited keynote speaker).**
- *12.* Utpal D.**, **Dessouky S.**, A.T. Papagiannakis (2018) "Pavement Energy Harvesting and Cooling (PE-Cool) System" Transportation Research Board ACD60 committee. January 8.
- 13. Utpal D.**, Dessouky S., A.T. Papagiannakis (2017) "Pavement Energy Harvesting and Cooling (PE-Cool) System" ASCE Innovation Contest 2017, Reston, VA. (Invited Award presentation)
- 14. Roshani H.**, Utpal D.**, Dessouky S., A.T. Papagiannakis (2017) "Pavement Energy Harvesting and Cooling (PE-Cool) System" ASCE Congress of Technical Advancement, Sustainable Asphalt pavements: Materials and Performance, Duluth, MN, Sep. 11, 2017. (invited)
- *15.* **Dessouky, S.** (2017) "Next Generation Smart Pavement Using Innovative Energy Harvesting and Self-Powered Sensing Technology" Infrastructure Advancement Institute Summit, San Antonio, TX, October 31st. **(Keynote speech)**
- *16.* **Dessouky, S.** (2017) "Next Generation Smart Pavement Using Innovative Energy Harvesting and Self-Powered Sensing Technology" Texas Civil Engineering Conference, San Marcos, TX, Sep 20-22. **(Keynote speech)**
- 17. Roshani H.**, Dessouky S. and A.T. Papagiannakis (2017) "Experimental Investigation of Energy Harvesting Prototypes for Asphalt Roadways" International Conference On Highway Pavements & Airfield Technology, Philadelphia, PA.
- *18.* Roshani H.**, Jagtap P.**, **Dessouky S.** and A.T. Papagiannakis Montoya A. (2017) "Experimental and Theoretical Evaluation of Two Roadway Energy Harvesting Prototypes" Transportation Research Board, 96rd Annual Meeting, Washington, D.C., January 8-12

- Dessouky S. (2016) "Energy Harvesting and Self-power Monitoring System for the Next Generation Smart Roadways" 2016 CESTiCC Webinar Series, Fairbanks, AK, December 7. (Invited webinar speaker).
- 20. Dessouky S., H. Roshani^{**}, R. Guo, A. Montoya, J. Helffrich L. Walubita and A.T. Papagiannakis (2016) "Energy Harvesting and Self-power Monitoring System for the Next Generation Smart Roadways" 2016 CESTICC Summer Workshop, Bozeman, MT, August 12. (Invited speech)
- 21. *Dessouky S., H. Roshani**, R. Guo, A. Montoya, J. Helffrich L. Walubita and A.T. Papagiannakis (2016) "Hybrid Energy Harvesting and self-power Wireless Sensing and Monitoring System For Next Generation Smart Transportation Infrastructure" TRB Committees on Resource Conservation & Recovery and Geo-Environmental Processes, Asheville, NC, July 26-29.
- 22. Dessouky S., H. Roshani^{**}, R. Guo, A. Montoya, J. Helffrich L. Walubita and A.T. Papagiannakis (2016). "Hybrid Energy Harvesting and self-power Wireless Sensing and Monitoring System For Next Generation Smart Transportation Infrastructure" Kunsan National University, Republic of Korea, June 13. (Invited Speech)
- 23. Dessouky S., H. Roshani^{**}, R. Guo, A. Montoya, J. Helffrich L. Walubita and A.T. Papagiannakis (2016). "Hybrid Energy Harvesting and self-power Wireless Sensing and Monitoring System For Next Generation Smart Transportation Infrastructure" Korea Institute of Civil Engineering and Building Technology, Republic of Korea, June 10. (Invited Speech)
- 24. Dessouky S. (2016) "Mechanistic Modeling of Permanent Deformation Asphalt Mixes with The Effect in of Aggregate Characteristics" International Workshop on the Genome of Stone-based Civil Infrastructure Materials, Beijing, China, June 8-9. (Invited Speech)
- 25. Dessouky S., H. Roshani^{**}, R. Guo, A. Montoya, J. Helffrich L. Walubita and A.T. Papagiannakis (2016) "Hybrid Energy Harvesting and self-power Wireless Sensing and Monitoring System For Next Generation Smart Transportation Infrastructure" Transportation Research Council, Beijing, China, June 6-7. (Invited Speech)
- 26. Dessouky S., H. Roshani^{**}, R. Guo, A. Montoya, J. Helffrich L. Walubita and A.T. Papagiannakis (2016) "Hybrid Energy Harvesting and Battery-less Wireless Sensing and Monitoring System For Next Generation Smart Transportation Infrastructure" ASCE Innovation Contest, American Society of Civil Enginners, Reston, VA, May 17-18. <u>(Invited speech for the ASCE Most Innovative Green Engineering award)</u>
- *27.* **Dessouky S.** (2016) "Hybrid Energy Harvesting and Battery-less Wireless Sensing and Monitoring System For Next Generation Smart Transportation Infrastructure" Women in Transportation Seminar Series, San Antonio, TX, May 11 (**Invited Speech**)
- 28. *Roshani H.**, **Dessouky S.**, Montoya A. Guo R., Papagiannakis, A.T. (2016) "Hybrid Energy Harvesting and Battery-less Wireless Sensing and Monitoring System For The Next

Generation Smart Transportation Infrastructure" Transportation Research Board, 95th Annual Meeting, Washington, D.C., January 10-14.

- *29.* ***Dessouky S.**, Papagiannakis, A.T and Abbas A. (2016) "A Practical Tool for Prioritizing Rehabilitation and Preventive Maintenance in Pavements" Transportation Research Board, 95th Annual Meeting, Washington, D.C., January 10-14.
- 30. *Roshani H.** and Dessouky S. (2016) " Energy Harvesting from Roadways Vehicle-Induced Stresses: A Feasibility Study" Transportation Research Board, 95th Annual Meeting, Washington, D.C., January 10-14.
- *31.* **Dessouky S.,** Roshani H., Montoya A. Guo R. Helffrich J. (2015) Roadway Sensing and Energy Conversion (RySEC) Module For Power Generation". Defense Innovation Summit, Austin, TX. Nov 30-Dec 3.
- *32.* *Sharif H. Joseph, J. and **Dessouky S.** (2015) Undergraduate Students as Effective Climate Change Communicators San Diego Conference" 7th Conference on Understanding Interventions that Broaden Participation in Science Careers, San Diego, CA, May 15-17.
- *33.* **Dessouky S.** (2015) "Geogrid-Reinforced Low-Volume Flexible Pavement Response to Loadings by Various Tire Configurations" Institute of Transportation Engineers-San Antonio Chapter. **(Invited speech)**
- *34.* ***Dessouky S.**, Mohammed Ilias**, Jeremy Sanchez** and David Contreras** (2014) "Investigating The Role of Anti-oxidant Agents to Improve Mechanical Properties of Asphalt Mixes" Transportation and Development Institute (TD&I), ASCE, Orlando, FL June 8-11.
- *35.* ***Dessouky S.** (2014) "Best Practices for the Placement of Long and Short Ride Quality Patches in Texas" Transportation Research Board, 93rd Annual Meeting, Washington, D.C., January 12-16
- *36.* ***Dessouky S.** and Arvind Reddy** (2014) "Laboratory assessment on the asphalt mixes constructability and field performance" Transportation Research Board, 93rd Annual Meeting, Washington, D.C., January 12-16.
- *37.* ***Dessouky S.,** I. Sel, H. B. Özhan and S. Mermer (2013) "Laboratory Evaluation of the Workability and Compactability of Asphaltic Materials prior to Road Construction". 6th asphalt symposium, 27-28 November, Ankara, Turkey.
- *38.* *Contreras D.**, **Dessouky S.**, A.T. Papagiannakis. (2011) "Rheological Evaluation of Asphalt bitumen blended with Antioxidants to control aging" Engineering Mechanics Institute Annual Conference June 2 4, Northeastern University, Boston, Massachusetts
- *39.* ***Dessouky S.** (2010). "Influence of Anti-Oxidants on Bitumen Rheology" GeoShanghai International Conference, ASCE, June 3-5, Shanghai, China.
- *40.* ***Dessouky S.**, Contreras D**, A.T. Papagiannakis (2010). "Effect of Anti-Oxidants to Reduce Degradation of Polymer-Modified Bitumen" First Meeting and Technical Conference of the Middle East Society of Asphalt Technologists, July 5-8, Beirut, Lebanon.

- *41.* **Dessouky S.** (2010). "Geogrid-Reinforced Low-Volume Flexible Pavement Response to Loadings by Various Tire Configurations" Seminar for the City of San Antonio, public works division, San Antonio, TX. (Invited speech)
- 42. ***Dessouky S.** and Masad E. (2007) "Numerical Implementation of an Elasto-Viscoplastic Microstructure-Based Continuum Model for Asphalt Concrete". Symposium in Mechanics and Characterization of Infrastructure Materials, 44th Annual Technical Meeting, Society of Engineering Science October 21–24, College Station, TX.
- *43.* ***Dessouky S.** Mahdy, H, and Masad E. (2007) "Numerical Implementation of an Elasto-Viscoplastic Microstructure-Based Continuum Model for Asphalt Concrete". 18th Engineering Mechanics Division, American Society of Civil Engineering, Virginia Tech University, Blacksburg, VA.
- *44.* ***Dessouky, S**. (2007). "Effectiveness of Geogrids Reinforcement in Low Volume Roads: Accelerated Testing and Finite Element Modeling." Department of Civil and Environmental Engineering, Louisiana State University, May 9th, Baton Rouge, LA. **(Invited speech)**
- *45.* ***Dessouky, S**. (2007). "Effectiveness of Geogrid Reinforcement in Flexible Pavements: Accelerated Testing and Modeling." Department of Civil and Environmental Engineering, Washington State University, April 3rd, Pullman, WA. **(Invited speech)**
- *46.* ***Dessouky, S.** (2007). "Mechanistic Modeling of Rutting in Asphalt Mixes with the Effect of Aggregate Characteristics." Department of Civil Engineering, University of Texas at San Antonio, March 23rd, San Antonio, TX. **(Invited speech)**
- 47. ***Dessouky, S**. (2006). "Mechanistic Modeling of Permanent Deformation in Hot-Mix Asphalt." Department of Civil Engineering, University of Alaska at Anchorage, October 31st, Anchorage, AK. **(Invited speech)**
- 48. *Dessouky, S. (2005). "Multiscale Approach for Modeling Hot Mix Asphalt." Department of Civil and Environmental Engineering, University of Illinois at Urbana-Champaign, April 13th, Urbana, IL. (Invited speech)
- *49.* ***Dessouky, S.** (2004). "Development and finite element implementation of gradient elastoviscoplastic model for asphalt mixes." Department of Civil Engineering and Construction, Bradley University, November 10th, Peoria, IL **(Invited speech)**

GRANTING ACTIVITIES (\$10.6 MILLIONS)

CURRENT

1. Regional University Transportation Center "Transportation Consortium of South-Central States (TRAN-SET), **Role PI and consortium member director** (Co-PI: A. T. Papagiannakis; Arturo Montoya and Adolfo Matamoros), Louisiana State Univ. lead center, 11/16-12/24, \$1,615,000).

- "Evaluation of the vegetation along roadways in Edwards Aquifer recharge and contributing zones for storm water management and water quality improvement" Role Co-PI (Hutchinson (PI) and Kapoor), San Antonio River Authority-Edward Aquifer Protection Program, \$798,636
- *3.* Develop Roadway and Parking Design Criteria to Accommodate Automated and Autonomous Vehicles, **Role CO-PI**, (Amit Kumar, PI) TxDOT, \$323k
- 4. "Evaluate Alternative Methods to Examine Visibility of Pavement Markings" TxDOT (09-2021-08-2024), \$72,892. Role PI.

Teaching Grant

- *5.* HIVE: Sustainability in Roadway Pavement Institute of International Education, \$6,979, **Role PI**.
- *6.* HIVER: Special topics in Roadway and Airport Engineering: Institute of International Education, \$6,251, **Role PI**.
- 7. "CEE Course Re-Design Using Active Learning" Sponsor: UTSA through NSF grant, 01/2016-12/2017, **Role Co-PI (25%)**, (Montoya (PI), Shipley and Joseph)

COMPLETED

- *8.* "Analyzing Asphalt Mixture Microstructure Using Auto-Correlation Function towards Developing Cracking-Free Pavements. Sponsor: UTSA, 11/2007-08/2008, **Role: PI**, \$5,000
- *9.* "Knowledge Dissemination Enhancement Using HP Mobile Technology", Sponsor: 6/2008-5/2010, Hewlett Packard, **Role: Co-PI**, (Tom Papagiannakis (PI) and Mijia Yang) \$87,000.
- 10. "Review of Best Practices for the Selection of Rehab and Preventative Maintenance Projects." Sponsor: Texas Department of Transportation, 09/2009-08/2010, Role: PI, Co-PIs (Paul Krugler, Tom Freeman, and A.T. Papagiannakis), \$125,000
- 11. "Pavement Repair Strategies for 2R and Routine Maintenance (RMC) Projects." Sponsor: Texas Department of Transportation,09/2009-08/2010, **Role: PI**, Co-PIs (Jeongho Oh, Tom Freeman, Mijia Yang, Mark Bourland) \$135,000
- *12.* "Develop Practical Field Guidelines for the Compaction of HMA or WMA" Sponsor: Texas Department of Transportation,09/2009-08/2011, **Role: Co-PI**, (Tom Scullion (PI), Emad Kassem, Arif Chawdhry) \$379,004
- *13.* "Technical Assistance Agreement between UTSA and The City of San Antonio (CSA)" Sponsor: City of San Antonio,10/2009-9/2010 **Role: PI**, Co-PI (Tom Papagiannakis), \$34,254
- *14.* TRAC: Innovative Eco-Concrete Sustainable Design using Peridotite Rocks to Enhance CO2 Absorption. Sponsor: UTSA, 09/2010-08/2011, **Role: PI**, \$22,000
- *15.* Synthesis of Best Practices for the Placement of Long and Short Patches for Ride Quality (TxDOT 0-6667), 11/2010-08/2011, **Role PI**, Co-PI (Tom Papagiannakis), \$50,000
- 16. Develop a Pavement Project Evaluation Index to Support the 4-Year Pavement Management Plan: (TxDOT 0-6683), 09/2011-08/2013, Role: Co-PI, (Nasir Gharibeh (PI), Jeongho Oh, Andrew Wimsatt) \$294,157
- 17. Asphalt Pavement Material Testing and Services for Runways. Sponsor: Southwest Research Institute,7/2010-10/2014, **Role PI**, \$23,200
- 18. Phase III: technical assistance agreement between the Univ. of Texas-San Antonio (UTSA) and The City Of San Antonio (COSA), Role PI, Co-PI (A.T. Papagiannakis, Jie Huang), City of San Antonio, 4/13-09/14, \$50,000.
- *19.* "Safety Impact of Texas Travel Information Centers (TIC)", **Role Co-PI**, PI (Hatim Sharif and Jose Weissmann), TxDOT 14-43, 03/14-11/14, \$127,281.

- *20.* Safety Impact of Texas Travel Information Centers (TIC) Update" **Role Co-PI (30%)**, (Hatim Sharif (PI) and Jose Weissmann), TxDOT 02/16-11/16, \$80,000
- 21. "Development of Highway Sensing and Energy Conversion (HISEC) Modules for Generating Power". Texas Department of Transportation, 03/2015-08/2016, Role PI (40%), (Ruyan Guo; Amar Bhalla; Athanassios T. Papagiannakis; Arturo Montoya; Faruk, Abu; Walubita, Lubinda; Scullion, Tom and Helffrich, Jerome) \$1,320,583.
- Incorporating Wildlife Crossings into TxDOT's Project Development, Design and Operations Processes Role Co-PI (30%), (Hatim Sharif (PI) and J. Weissmann), TxDOT 09/16-08/17, \$87,346 (Terminated by sponsor after six month)
- *23.* "Evaluating Use of Sub-Grade Drains with PFC for Storm water Drainage" Sponsor: Texas Department of Transportation, 02/2015-02/2017, **Role Co-PI (10%)**, (Jie Huang (PI), Hatim Sharif, Ted Cleveland) \$281,664.
- *24.* "Traffic Safety Challenges and Strategies in the Eagle Ford Shale Area" **Role Co-PI (30%)**, PI (Hatim Sharif and Jose Weissmann), TxDOT 16-18, 09/15-08/17, \$266,603.
- 25. UAV-Based Thermal Infrared Remote Sensing for Enhancing UTSA Campus Sustainability, Urban Planning and Students Learning - **Role PI** (Co-PI: Hatim Sharif, Hazem Rashid-Ali, Prasanna Kolar, Kiran Bhaganagar and Hongjie Xie) UTSA-OIT, \$10,000.
- *26.* Assessing the Safety Issues Associated with Isolated Rural Intersections **Role Co-PI** (30%), (Hatim Sharif (PI) and Jose Weissmann), TxDOT 09/16-08/18, \$350,249
- *27.* "Reducing Traffic Crashes at Road Construction Access Points" **Role Co-PI (30%)**, PI (Hatim Sharif and Jose Weissmann), TxDOT 0-6964, 09/17-08/19, \$298,509.
- 28. "CONNECT: Promoting Sustainability and Safety for Texas Rural Roadways Through Self-Power Sensing and Detection Systems" UTSA-VPR, 09/17-08/18, Role PI (Helffrich, Jerome, SWRI); \$125,000
- *29.* "Exploratory Investigation on the Origin of Wrong-Way Drivers in SAT" TxDOT-San Antonio district. **Role Co-PI** (\$70,000) (Jan 2019-Aug 2019)
- *30.* "Testing trenchless pipe rehabilitation methods of Corrugated Metal Pipe as part of the Testing Phase" COSA, 06/2019- 10/2019, \$750,000, **Role Co-PI (PI: Sharif)**
- *31.* A Hybrid Integrated Sensing and Energy Conversion (HISEC) System For Harvesting Mechanical and Thermal Energy from Roadways. CPS, 09/2017-08/2019, **Role PI**, (Ruyan Guo; Amar Bhalla; Athanassios T. Papagiannakis; Arturo Montoya); \$598,881
- *32.* "Hydrology Infrastructure Data Collection and Analysis Services" Texas General Land Office (GLO), 2/1/19 10/31/19, **Co-PI (PI: Sharif)**, \$1,459,598.
- *33.* "Technical Assistance Agreement between UTSA and City of San Antonio-Traffic Study" **Role PI** (Co-PI: Hatim Sharif), COSA, \$150,000.
- *34.* Promoting Sustainability and Safety for University of Texas at San Antonio Through Self-Powered Sensing, Warning and Detection Systems. UTSA Office of Sustainability, **Role Co-PI** (Sara Ahmed, PI) \$38,921.
- *35.* Developing Peak Rate Factor (PRF) Guidance in Hydrologic Modeling, TxDOT, **Role Co-PI** \$81,555, 09/19-08/20
- *36.* "TECHNICAL ASSISTANCE AGREEMENT BETWEEN UTSA AND CITY OF SAN ANTONIO-Traffic study" \$49,500, **Role PI** (01/2021 – 05/2022)
- *37.* Develop Guidelines and Best Practices for Bonding Hot-Mix Asphalt to Portland Cement Concrete Pavement, **Role PI-UTSA (UT-Austin PI)**, TxDOT (\$50k) (09/2020-08/2022)
- *38.* Thermal Energy Harvesting for Netherlands Roadways application, Mis7, 2019-10-04 \$8,227, **Role PI.**

TEACHING AND MENTORING ACTIVITIES

COURSES: (U: UNDERGRADUATE, GR: GRADUATE, F: FALL, S: SPRING)

- EGR 2103 (U): Statics, S14
- EGR 3301 (U): Engineering Co-Op: F08, S09
- CE 3243 (U): Properties and Behaviors of Engineering Materials: F07, S08, F08, S09, S10, F11, S12, F12, F13, F14, F15, F16, F17, F18, F20, F21, F22
- > CE 3223 (U): Highway Engineering: F10, S12, S13, S14, S15, S16, S18, S19, S20, S22
- CE 4913 (U): Independent study, S10
- > CE 6953 (U): Independent Study: S09
- CE 1301 (U): Intro to Civil Engineering: S17
- > CE 4913 (U): Independent Study: Summer 2013
- CE 5403 (GR): Advanced Characterization for Highway Materials: F09,
- CE 4403/5403 (U/GR): Advanced Char. for Highway Materials: S11, S13, S15, S16, S17, S18
- CE 5983 (GR): Master's Thesis: F09, S10, F10, S11, F11, S12
- CE 5991 (GR): Graduate Seminar: F11
- > CE 4543 (UG): Project Design and Construction Management: F19

STUDENTS AND SCHOLARS MENTORED

Post-doctoral and visiting scholars

- 1. Prof. Yong-Yee Kim, Kunsan National University, South Korea (2015-2016)
- 2. Prof. Sang Ho Bae, Daelim University College, South Korea (2012-2013)
- 3. Prof. Deawook Park, Kunsan National University, South Korea (2010-2011)

Graduate students: (Role: Main advisor)

- 1. PhD: Ahmad Masad
- 2. MSc: Abid Rahman
- 3. PhD: Gamal Mabrouk
- 4. PhD/MCE: Seyed Yasha
- 5. MSc: Musfira Rahman
- 6. MSc: Jeebika Sharma
- 7. MSc: Farman Mia
- 8. PhD: Mohammadreza Gholikhani (Expected Aug 2019)
- 9. PhD: Seyed Amid Tahami (Expected Aug 2020)
- 10. MSc: Fahim Tanvir:
- 11. MSc: Haider Salih:
- 12. MSc.: Andrew Ortega "Optimization Of Thermal Energy Harvesting Prototype To Maximize Electric Energy From Asphalt Pavement" (Dec 2017)
- MSc.: Shahin Khoeini "Using polymer stabilized aggregate as asphalt pavement replacement" (May 2017)
- 14. PhD: Hossein Roshani "Feasibility Study Of Piezoelectric Energy Harvesting From Roadways Vehicle-Induced Stresses" (Aug. 2016)
- 15. MSc.: Fahad Elshatti "Analysis of Motorcycle Crashes and Fatalities including the impact of distracted drivers in Texas" (Dec 2016)
- 16. MSc.: Yousuf Sadeqi "Data Analysis of Crashes Involving Distracted Driving in Texas" (Dec 2016)

- 17. MSc.: Utpal Datta "Harvesting of Thermoelectric Energy from Asphalt Pavements" (Dec 2016)
- 18. MSc: Jeremy Sanchez "The Effect Of Curing Time And Mix Parameters On The Sequestration Of Carbon Dioxide In Concrete " (August 2012)
- 19. MSc: Chris Reyes "Influence of Anti-Oxidant Modifications In Asphalt Binder Physio-Chemical Properties and Mixes Performance" (May 2012)
- 20. MSc. David Contreras, " Antioxidants Blend Effect On Neat And Polymer Modified Binders And Mixes" (Dec. 2011)
- 21. MSc: Mohammad Ilias, " Characterization Of Modified-Binder Using Two Co-Polymers And Its Performance In Asphalt Mixes" (Dec. 2011)
- 22. MSc: Arvind Reddy, "Development of compactability and workability index for TxDOT asphalt mixes" (Dec. 2010)

Graduate students (Role: co-advisor and financially supported under my grants)

- 1. MSc: Daniel Fernandez: Electrical Engineering (Aug 2019)
- 2. MSc. Sarah Legette: Mechanical Engineering (June 2019)
- 3. MSc. Zachary Balcar: Electrical Engineering (April 2019)
- 4. MSc.: Max Estrada: Electrical Engineering (Aug 2019)
- 5. MSc: Pranav Jagtap, Mechanical Engineering (Dec 2016)
- 6. MSc and PhD: Bryan Gamboa, Electrical Engineering (Aug 2016/Aug 2020)
- 7. MSc: Mayur Pole, Electrical Engineering (Aug 2016) "Degradation of piezoelectric device as an energy harvester for equivalent traffic stress condition"
- 8. MSc: George Nall, Electrical Engineering (Dec 2016)
- 9. MSc: Pratheek Gopalakrishnan, Electrical Engineering (Aug 2016)
- 10. MSc: Kalyan Chakravarthy, Electrical Engineering (Aug 2016)
- 11. MSc: Gonuguntla, Chandrasekhar, Electrical Engineering (Dec 2015)
- 12. MSc: Wasim Dipon, Electrical Engineering "Ultra Low Power Embedded System With Sensing And Data Logging For Sustainable Energy Due Road Traffic " (Dec 2016)
- 13. PhD: Tamez, Juan, Electrical Engineering (Dec 2016)

Graduate students (Role: Committee member)

- 1. MSc: de Leon Naoko (2019)
- 2. MSc: Ahmed Masad (2019)
- 3. PhD: Marzieh Jafary (2018) "Analyzing End-Use Electricity Consumption Data To Investigate Residential Buildings Consumption Patterns"
- 4. MSc: Adegbite, Qasim (2018) "Statistical and Spatial Analysis of Intersection Crashes in San Antonio, Texas"
- 5. MSc: Kaphle, Rajesh (2018) "improving the Thermal Properties of Asphalt Concrete to Reduce Urban Heat Island Effects"
- 6. PhD: Ehsan Omranian (2018) "Evaluation of Remote Sensing Products and Their Application in Transportation Safety Analysis Over Texas"
- 7. MSc: Oyameda, Oziegbe Justin (2018) "Analyzing and Modeling the Effects of Independent Variables on Texas Severe Work Zone Crashes".
- 8. MSc: Sabbir Misu (2018)
- 9. MSc: Zaid Subhi (2017) "Rainfall Analysis And Trends For The State of Texas In 2015"
- 10. MSc: KM Alim Raji (2017)
- 11. MSc: Jahnavi Tadi (2017)
- 12. MSc: Sushant Mahagaokar (2017)
- 13. MSc: Erxuan Sheng (2017) "Statistical Analysis of Motor Vehicle Crashes in Texas"

- 14. MSc: Razi, Alim (2017) "Numerical Evaluation of Deflection and Swelling Pressure on Slab-On-Grade Foundation for Using Void Box in High Plasticity Soil"
- 15. PhD: Rezaeimalek, Sepehr (2016) "Curing method and performance evaluation for cohesive and cohesionless soils stabilized with liquid polymers"
- 16. PhD: K M Saifur Rahman (2015): Impacts of rainfall on flexible pavement performance models for Texas highways
- 17. PhD: Terrance Jackson (2015)"Weather Impacts On Transportation Safety: Rainfall In Texas"
- 18. MSc: Hyung Seok Hong (2014) "Review Of Maximum Superelevation Utilized In Current Method Provided In Highway Design"
- 19. MSc: Simon Gilazghi (2014) "Unconfined compressive strength and free swelling potential of polymer stabilized sulfate bearing soils"
- 20. MSc: Vinh Le (2013) "Model tests and numerical analysis of subsidence of reinforced soil over a cavity"
- 21. MSc: Shuang Wang (2012) "The Effect of Bacillus Cell Fractions As Supplementary Cementitious Materials"
- 22. MSc:Cengiz Alpsar (2011)"Sustainability of Energy and Carbon Capture And Storage For Turkey"
- 23. MSc: Rania Bashar (2010) "Contamination of surface water associated with birds nesting on highway bridges"
- 24. MSc: Ali Kausar (2010) "Stability analysis of temporary concrete traffic barriers during extreme flood"
- 25. MSc: Ireen Azfar (2009) "Evaluation of pervious concrete as a best management practice for stormwater in Edward aquifer region"
- 26. MCE (Non thesis Option): Pradeep Ramakrishna, (May 2009)

Undergraduate students: (** Joined graduate school to pursue MSc.)

- 1. Albert Flores: (2017-2018) Thermal Energy Harvesting from roadways
- 2. Mohammed Sharif: (2017-2018) Gender impact on traffic crashes.
- 3. Katie Marshall: (2017-2018)
- 4. Max Estrada**: Electrical Engineering (join UTSA graduate school)
- 5. Miguel Montoya**: Join MSc. program at Purdue University
- 6. Anjulie Hira: Lab testing of polymer-based stabilizer: Awarded the VPR's Undergraduate Research Scholarship for spring 2016
- 7. Jacob Holguin: Energy harvesting testing from roadway. Awarded the Minority Opportunities for Research Experiences in Earth/Environmental Sciences and Environmental Engineering scholarship for summer 2016-2017
- 8. Rontez Manning: Energy harvesting Awarded the Minority Opportunities for Research Experiences in Earth/Environmental Sciences and Environmental Engineering scholarship for summer 2017
- 9. Karem Alfaro: MORESE program, Ranked 3rd place in final presentation competition
- 10. Bernardo Clamont: Asphalt binder and mixes testing and characterization
- 11. Laura Torres-Diaz: Development of geological maps for soil-moisture data in Texas. Work performed at the Earth Science division of NASA-Ames Research Center
- 12. Katherine Schwille: Lab testing
- 13. Chris Reyes**: Effect of vitamin E in bitumen oxidation (join UTSA graduate school)
- 14. Jeremy Sanchez**: Effect of sulfur in bitumen rheology (join UTSA graduate school)
- 15. David Contreras**: Pre-heating time effect in bitumen performance (join UTSA graduate)
- 16. Zachry Kircus: The use of crumb rubber in cement concrete
- 17. Oscar Godinez: Variability of ASTM method for measuring aggregate SG

- 18. Osama Ismail: Lab assistant
- 19. Xavier Vasquez: Effect of shingles in bitumen rheology
- 20. Stephen Wendorf: variability of ASTM method for measuring aggregate SG
- 21. Fred Ruiz: Lab Assistant
- 22. Frank Aguillon: Establishing the AMRL accreditation
- 23. Ruben Carrasco: Establishing the AMRL accreditation
- 24. David Russell: Lab Assistant
- 25. Trang Nguyen: Lab Assistant
- 26. Omar Carrasco: Research assistant (2014)
- 27. Jesus Juarez: Research assistant (2014-16)

Co-op students (Role: Main advisor)

- 1. Richard Blake: undergraduate
- 2. Silvia Ruiz: undergraduate

High school students

- 1. Sajid Leelani, School of Science and Technology, San Antonio, Tx
- 2. Christina Riou, NorthEast side school district, San Antonio, Tx

SERVICE ACTIVITIES

LIST OF COMMITTEE ASSIGNMENTS

UNIVERSITY SERVICES

- 1. COE representative in the Committee on Conflict of Interest in Research & Intellectual Property (CCOI) (Sep 2015-Aug 2019)
- 2. Member of the University Senate (Sep 2014 Aug 2017)
- 3. Vice Chair of University Senate (Sep 2015-Aug 2016)
- 4. Member of graduate council university committee (Fall 2010 Fall 2012)

COLLEGE SERVICES

- 5. College Faculty Advisory committee (CFAC) (Jan 2015-Dec 2016)
- 6. Search committee for faculty hiring (2017)
- 7. College Research Committee-member (2017-date)
- 8. College Executive Advisory Committee (CEAC) (2018-2019)
- 9. College Research committee Chair (2021-2022)

DEPARTMENT SERVICES

- 10. Member of ESE Doctoral Committee (Charge: Qualifier and Recruitment) (2017-date)
- 11. Member of graduate studies department committee Charge: Required Recruitment Plan, Graduate student culture (Aug 2007 – date)
- 12. DFRAC member (2013-date)
- 13. Member of Eisenhower scholarship committee (2009-date)

- 14. CEE Annual Evaluation Committee member- Charge: Process and explanation for scoring of annual (2016, 2018)
- 15. Faculty search committee member (Fall 2015)
- 16. Lead the effort towards national accreditation by AMRL for the Superpave facility. (Jan 2008 current): The Superpave Bitumen Laboratory is fully accredited and certified by AASHTO since 2008.
- 17. Manager of the UTSA Superpave facility engaged in: (2008-date)
 - a. Asphalt binder and mixes testing, Microstructure analysis of geo-materials and portland cement concrete testing.
 - b. Managing the AMRL certification process
 - c. Providing training for lab technicians and students
- 18. Chair of Safety committee (2008 2016): The chair is in charge of maintaining the UTSA safety regulations of the dept. laboratories.
- 19. Member of Laboratory Development (2008 2016).
- 20. Member of Electrical Engineering Outstanding Graduate Research Award (OGRA) Committee (2013)

PROFESSIONAL SERVICE ACTIVITIES

BOARD MEMBER

- 1. 2022 TranSET Conference Chair and Organizer, Austin TX (Aug 29-Sep 2, 2022). Chairing the 2022 TranSET conference in Austin, TX. More than 60 attendees with activities include keynote speeches, Panel discussion, students poster session and parallel technical sessions.
- 2. Associate Editor Journal of Materials Part: B Pavement, ASCE (May 2019-Present)
- *3.* Chair of the Construction-institute Bituminous Materials Committee: ASCE (2019-2020)
- *4.* Board Member of the Construction-institute Bituminous Materials Committee: ASCE (2013-2018)
- *5.* Chair of subcommittee Resource Conservation and Recovery Committee AMS20(1) (2022-2025)
- 6. Member of the Transportation Research Board Resource Conservation and Recovery Committee AMS20 (2018- 2024)
- 7. International Board Member, Middle East Society of Asphalt Technologists (2015-date)
- 8. Editorial Board, journal of Transportation and Transit Systems-specialty of Frontiers in Built Environment and Environmental Science. (2016-present)
- 9. Associate editor, International Journal of Engineering (IJE) (2016-present)
- 10. Editorial board, MAYFEB Journal of Civil Engineering (2016-present)
- 11. Editorial board, MedCrave Journal of Civil Engineering (2016-present)
- 12. Editorial board, the Scientific World Journal of Civil Engineering Journal (2013)

PANEL SERVICE

- 1. Member of the national FE exam committee by the NCEES (2018-Present)
- 2. Panelist reviewer for NASA Education Aeronautics Scholarship and Advanced STEM Training and Research (AS&ASTAR) Fellowship (Aug 2016)
- 3. NCHRP panel in project 20-102(07) Implications of Automation for Motor Vehicle Codes (2016-present)
- 4. Panel reviewer for Air Force Summer Faculty Fellowship Program (Feb 2015-date)
- 5. Panelist reviewer for the National Defense Science and Engineering Graduate Fellowship Program (Jan 2017-date)

PROPOSAL REVIEWER

- 1. Pilot Funding for New Research (Pfund) Program, Louisiana State University, Baton Rouge. (2008 2009)
- 2. King Abdulaziz City for Science and Technology (KACST) (2013)
- *3.* Qatar Foundation (2013-2015)

CONFERENCE/SESSION CHAIR

- 1. Co-Chair of the 2019 Tran-Set Conference, San Antonio, April 10-12, 2019
- *2.* Session chair, International Conference On Highway Pavements & Airfield Technology, Philadelphia, PA, August 27-30, 2017
- *3.* Session chair, the 4th Sustainable Construction Materials & Technologies (SCMT4) conference, Las Vegas, NV, August 7-11, 2016.
- 4. Academic committee member for the 10th International Conference on Road and Airfield Pavement Technology, Hong Kong Polytechnic University (2016-2017)
- 5. Session chair, Engineering mechanics Institute conference, ASCE, Boston, MA, June 1-4, 2011
- 6. Session chair, pavement multiple scale modeling, Engineering mechanics Institute conference, ASCE, Los Angeles, CA, August 8-11, 2010
- 7. Session chair, Concrete pavement technology, GeoShanghai International Conference Shanghai, China, June 3–5, 2010
- 8. Session chair, The 4th International Gulf Conference on Roads, Doha, Qatar, November 2008.
- 9. Professional license: Ohio #71368 and Texas #122908
- 10. Registered Engineer: Egyptian Syndicate of Engineers, Cairo #2301/20

COMMUNITY SERVICES

- 1. Member of team San Antonio, Texas Proving ground (2017-)
- 2. Member of the Operations & Infrastructure Working Group (2017-) of Texas Innovation Alliance
- *3.* Judge for ExxonMobil Texas Science and Engineering Fair, San Antonio, TX (2008, 2009, 2012, 2015)
- 4. Judge for School of Science and Technology (SST), San Antonio, TX (2009)

MEMBERSHIP IN PROFESSIONAL COMMITTEES

- 1. American Society of Civil Engineers (ASCE) (2005-date)
- 2. Institute of Transportation Engineering (ITE) (2018-date) # 1071898
- 3. ASTM Roadway and Paving Materials Committee (D04) (2010 2013)
- 4. American Society of Engineering Education (2009 2011)
- 5. Minerals, Metals & Materials Society (TMS) (2015-2016)
- 6. Association of Asphalt Paving Technologists (AAPT)
- 7. Individual affiliate member in the transportation research board
- 8. Member in Geo-Institute pavement committee, ASCE
- 9. Member in AFK50(1) Advanced Models Subcommittee, TRB

MEDIA AND PRESS COVERAGE

- 1. ASCE Construction Institute Newsletter (June 2016) http://app.message.asce.org/e/es?s=1360&e=108787&elq=f9e2b11cadba4c0ca368684d18 8ed425
- 2. ASCE newsletter: <u>http://news.asce.org/first-innovation-contest-event-spurs-creative-connections/?utm campaign=CI-20160613-</u> June%20CI%20Field%20Report&utm medium=email&utm source=Eloqua (May 2016)
- ASCE newsletter: <u>http://news.asce.org/pavement-breakthroughs-make-texas-professor-a-two-time-innovation-contest-winner/</u> (June 2017)
- 4. Research featured on Time Warner cable <u>http://www.twcnews.com/tx/san-antonio/news/2016/03/30/researchers-look-to-roads-for-power.html</u> (Mar 30, 2016)
- 5. Research featured on KSAT 12 (ABC news) <u>http://www.ksat.com/news/utsa-engineering-team-harvests-energy-from-roads</u> (Dec 9, 2015)
- 6. Research featured on Texas Standard radio show (NPR) <u>http://www.texasstandard.org/stories/how-rush-hour-traffic-could-become-more-productive/</u> (Jan 19, 2016)
- 7. Research featured on WOAI radio (Dec 10, 2015)- <u>http://woai.iheart.com/articles/local-news-119078/utsa-studying-generating-power-from-road-14191433/</u>
- 8. UTSA today: <u>http://www.utsa.edu/innovations/fall2015/story/story-clean-energy.html</u>
- 9. Global Spec (Dec 21, 2015): <u>http://insights.globalspec.com/article/1872/piezoelectric-sensors-could-generate-energy-on-texas-roads</u>
- *10.* Research featured on roadtraffic <u>http://www.roadtraffic-technology.com/news/newsus-</u> researchers-to-develop-sensors-to-tap-clean-energy-from-moving-vehicles-on-roads-4747233
- 11. Research featured on highbeam <u>https://www.highbeam.com/doc/1P3-3887097901.html</u>
- 12. Research featured on energy harvesting http://www.energyharvestingjournal.com/articles/8784/sensors-that-could-harvest-cleanenergy-from-traffic-on-texas-roads (Dec. 2015)
- 13. San Antonio Current: <u>http://www.sacurrent.com/the-daily/archives/2015/12/07/utsa-gets-grant-to-research-smart-road-technology</u> (Dec 7, 2015)
- 14. <u>http://www.smart2zero.com/news/smart-roads-harvest-clean-power-traffic</u> (Dec 11, 2015)
- 15. <u>http://www.traffictechnologytoday.com/news.php?NewsID=75881</u> (Dec 9, 2015)
- *16.* Media Coverage of Research article (2010) "Paving the way: Engineer explores ways to give Texas drivers smoother roads." UTSA Discovery Magazine

Planning Commission At Large	Application No: No: 20221109175046_13147
ELIGIBILITY	
PROFILE	
Prefix	Ms
Last Name	Faulkner
First Name	Stephanie
Middle Name	Michelle
Suffix	
Preferred Name	Stephanie
Title	
Are you a City of San Antonio resident?	Yes
San Antonio Resident Length Years	08
In which City Council District do you reside?	01
How many years have you lived in the City Council District where you reside?	06
Address Type?	Residence
Address	
City	San Antonio
State	TX
Zip	78210
Phone Type?	Cell
Phone number	
Phone 2 Type?	
Phone 2 number	
Address 2 Type?	Business
Address 2	
City 2	San Antonio
State 2	TX
Zip 2	
eMail	
Employer	Federal Government
Job Title	Contracting Officer
Occupation	Construction and A/E Contracts Mgt
Board/Commission/Committee Name	Planning Commission~At Large~~04
DEMOGRAPHIC INFORMATION	

The City of San Antonio strives for boards and commissions to be representative of our diverse community. Providing the following demographic information is voluntary, and will only be used for statistical and reporting purposes.	
Race/Ethnicity (Please select all that apply):	White/Non-Hispanic
Gender	Female
Age:	35 to 44
Do you identify as a sexual minority (such as lesbian, gay, bisexual, queer, etc)?	No
QUESTIONS	
If this board position requires residency within Bexar County, the City of San Antonio city limits or within a particular council district, do you meet those residency requirements?	Yes
Do you or any of your immediate family members or any businesses that you or they own currently have any direct or indirect financial interest in any contract(s) with the City, including subcontracts?	No
Will you or any of your immediate family members or any businesses that you or they own seek a contract(s) with the City in the foreseeable future?	No
Do you or any of your immediate family members or any businesses that you or they own have any financial interest, direct or indirect, in any sale to the City of any land, materials, supplies, or service?	No
Will you or any of your immediate family members of any businesses that you or they own seek or take part, either directly or indirectly, in any sale of land, materials, supplies, or service to the City in the foreseeable future?	No
Does your employer or an employer of your immediate family members have a contract with the City?	No
Do you or any of your family members currently serve or in the past year served as an administrative aide to a Councilmember?	No
Do you currently serve in any elected or appointed public government office?	No
Are you a member and/or officer and/or employee of any boards, commissions, corporations, non profit entities, agencies, or other entities?	Yes
Give the title and dates of any position which you have held in such organization:	The Board of Governors of the Federal Reserve System current employment
Do you receive any compensation for service on this entity(ies)?	Yes
If yes, please describe compensation, for example - \$20 per meeting.	salaried
Do you intend to seek election or appointment to any public office or board or commission in the foreseeable future?	No
Have you ever been hired for a position with the City of San Antonio?	No
Describe your Educational history.	BBA Marketing MBA International Business MS Construction

	Mgmt/Sustainability (ongoing)
Describe your Professional History & Certification designations (Current and historical).	Federal Contracting (Construction, Services, Base Operations) 12.5 years Insurance Property Adjuster 2years Residential Home Inspector 2 years Project Mgmt Professional Certification 2020 Project Mgmt Graduate Certificate - Georgetown Univ Federal Contracting Certification Level III (DAWIA Expired)
Describe your Volunteer Experience & Community Service	Japanese Fall Festival 2022 - San Antonio Habitat for Humanity San Antonio,TX Philadelphia, PA Camden, NJ Miriams Kitchen Washington DC Soup Kitchen Camden NJ Food Banks San Antonio, TX Denver, CO
Please provide a brief narrative outlining your reasons for seeking appointment to this board or commission:	I would like to actively contribute to the development and maintenance of our city. My personal, professional, and volunteer curiosities and capabilities make me a great candidate for these types of positions.
APPLICATION SIGN OFF	-
As a board, commission, or committee member, you will be asked to adhere to: Code of Ordinances, City of San Antonio, Part II, Chapter 2, Article IX, Sec.2-534. All board and commission members must file a Financial Disclosure Report with the Office of the City Clerk upon appointment, and annually thereafter, throughout the member's term. Failure to file a Financial Disclosure Report within the time required by the City's Ethics Code will be considered an automatic removal.	
I understand that if any member of the public makes a request for information included in this Application for Appointment, most of the information must be disclosed under the Public Information Act I understand that the City of San Antonio will attempt to maintain the confidentiality of highly private matters by seeking an Attorney General's opinion in accordance with the Public Information Act. I understand that it may not be legally possible to maintain the confidentiality of such information, and I hereby release the City of San Antonio, and its agents, employees and officers, from any and all liability whatsoever if the information must be released pursuant to the Public Information Act or any other law requiring its release	Acknowledged
I recognize that I am an applicant for Planning Commission~At	Acknowledged

Large~ ~04, as a City of San Antonio board or commission that is more than advisory in nature. As a city officer, I understand that I, my immediate family members, and any business in which I and/or they hold a 10% or greater ownership interest will be prohibited from seeking or accepting contracts with the city for the duration of my service on this board. I further understand that this restriction will extend with regard to many types of discretionary contracts for a period of one year after leaving city service.	
OATH: I have read and understand the guidelines set out in this application. The foregoing statements are true, accurate, and complete. I agree that any misrepresentation or omission of facts may result in my disqualification for appointment.	Acknowledged
Enter Your Name	Stephanie Faulkner
Date of submission.	11/9/2022
The Texas Public Information Act provides that each government official may choose whether to allow the public access to the information in the custody of the City that contains your home address, home telephone number, or reveals whether you have family members. Please note that this does not apply to business addresses, which are subject to public disclosure. If an open records request is filed requesting to view or obtain records that contain your personal information, the City will take steps to protect your personal information as authorized by the Texas Public Information Act, but only if you have elected to protect personal information.	
I want the public to have access to my Home Address.	No
I want the public to have access to my Home Telephone Number.	No
I want the public to have access to my Social Security Number.	No
I want the public to have access to my Emergency Contact Information.	No
I want the public to have access to my Family Information.	No
Please attach any additional information, such as a current resume, using the Attachments panel at the bottom of this page.	

Executive Summary

Perceptive Contract and Program Manager with 21 years of progressive experience leading acquisition and contract portfolios valued up to \$2.5B with teams of up to 20 personnel. Pragmatic and dedicated leader with the demonstrated dynamic communication skills to keep stakeholders and subordinates informed, included, and on task as necessary. Proven ability to identify and articulate barriers to success up and down the chain of command while leveraging simple and effective solutions across a diverse organization.

Contract Management

Senior contracting officer and team leader with expertise in managing the execution of a worldwide multi-milliondollar portfolio of commodity, service, and construction projects supporting organizations with over 20,000 personnel. Established track record for leading multiple multi-million-dollar source selections with geographically separated stakeholders in addition to ensuring proper oversight and monitoring throughout the life of the program. Demonstrated mastery to plan, solicit, evaluate, negotiate, and award acquisitions of any contract type with any team. Expert knowledge in contract application through commercial and non-commercial methods based on the Federal Acquisition Regulation (FAR), Defense Federal Acquisition Regulation Supplement (DFARS), Uniform Commercial Code (UCC) as well as the skills to research, interpret, and make sound business decisions adhering to any additional regulations or supplements.

- DAWIA Level III Contracting Defense Acquisition University (2016)
- > Department of Defense Unlimited Warrant Contracting Officer (2018)- Inactive
- Board of Governor's of the Federal Reserve Contracting Officer Authority (2020)

Program Management

Served as principal advisor and subject matter expert to Air Force senior leaders, directors in the field, and workforce during the contracting career field's transition from the GS to AcqDemo (NH) pay system. Performed thorough policy and regulation research and analysis providing recommendations for senior leader action. Responsible for the oversight, marketing, and continuous program improvement for the initial NH opt-in conversion period for select organizations. Regularly directed and prioritized workflow, monitored program operations, and implemented change management guidance across all levels. Performed trend analysis and program performance evaluation to present executive briefings covering findings on challenges and suggested improvements. Monitored and evaluated customer feedback, developed program improvements, and improved program effectiveness for supervisors and staff.

- DAWIA Level I Program Management Defense Acquisition University (2012)
- Project Management Graduate Certificate Georgetown University (2020)
- Project Management Professional Certification (2020)
- Master of Science in Construction Management Sustainability and Green Building (est. 2024)

Areas of Expertise

Acquisition Management Program Management Organizational Culture Development Proposal and Solicitation Preparation Proposal Evaluations and Award Contracts Negotiations Source Selections Change Management Enterprise Sourcing Risk Management Cost and Price Analyses Vendor Management Business Relationship Management Team Mentoring and Leadership

Professional Experience

Contract Management Analyst/ Contracting Officer	September 2019 – Present
Federal Reserve Board of Governors, Division of Financial Management (D	FM), D.C.
Supervisor: Kristin Gandhi	Number: 202-601-0210

- Customer-focused lead managing a multibillion-dollar portfolio of highly complex professional services and capital construction projects.
- Primary facilitator in cultivating and sustaining a cohesive dynamic project team to ensure the success of the renovation and expansion of two historic buildings to include extensive preservation and sustainability requirements. Concurrently spearheading the renovation of a federal office building which also includes extensive technological capabilities and sustainability requirements.
- Effectively executes all varieties of cradle to grave contract determinations and actions; experienced in financial procurement modules and conducts all work products in a manner consistent with Board policy and procurement procedures.
- Cohesively communicates in-depth analyses of complex procurement issues and recommendations to all Board teammates and external partners as well as maintains effective communications and coordination throughout procurement functions.
- Collaboratively assists and guides teammates in all manner of acquisition practices and procedures while setting work objectives, monitoring priorities, and providing performance feedback as required.
- Prepares and briefs senior managers, officers, and other key stakeholders from various departments on strategic procurement initiatives, concerns, and objectives.
- Incorporates small, women-owned, and minority businesses initiatives into procurement decisions and advocates for broader use and inclusion of the Board's Small and Minority Business initiatives agency wide.
- Proactively conducts special studies in procurement research and prepares findings for relevant issues within areas of procurement.

Key Achievements:

- Successfully lead an initiative to align a multi-structure historic renovation and addition capital construction project acquisition program with the Board's One Campus priorities.
- Proactively researched and presented findings on capital construction project delivery method options and recommendations to senior leadership leading to an overall procurement strategy shift and significantly reducing project risk.
- Completed a 6-course project management graduate certificate from Georgetown University in five months; immediately implementing skills to successfully deliver fluid acquisition schedule projections amid project changes and plan the acquisition strategy for 6 capital project requirements.

Team Lead / Contracting Officer	March 2018 – Present
Defense Logistics Agency San Antonio, TX	
Supervisor: Damon Moore	Number: 210-213-4214

- Guided and coordinated the workload of four buyers with 57 complex Aerospace and Department of Defense requirements by assigning, directing, reviewing, and guiding team members priorities and tasks; ensured successful support of aircraft flying and space launch, and homeland security missions at several facilities worldwide.
- Provided oversight, recommendations and updates on the execution of end user needs through various contract vehicles such as indefinite delivery- indefinite and requirements contracts containing complex actions such as economic price adjustment requests and cost evaluation of estimated repairs and recertification to end-users and program offices.
- Forecasted and troubleshot all aspects of the supply chain to acquire the most definitive information available for customers and Directorate personnel.

Key Achievements:

- Proactively rectified an organizational procurement process which allowed geographically separated customers to meet contractors at site visits without acquisition support. Collaborated with senior leadership to secure policy updates and attended short notice out of state field site visit fortifying client relations while keeping project on schedule.
- Coached subordinates in acquisition fundamentals and leadership development resulting in two being promoted to greater responsibility within the organization.

Supervisor: Svlvia Kirwan	Number: 210-395-9259
United States Air Force Joint Base San Antonio, TX	
Team Lead / Contracting Officer	July 2017 – March 2018

- Contracting Officer for 32 advisory and assistance, licensing, and program management support requirements collectively valued at \$593M, to include 5 multi-million-dollar Air Force wide source selections.
- Assigned, directed, and reviewed workload for 7 personnel with a total portfolio valued at \$617M; facilitated
 acquisition solutions by fostering subordinate performance goals to reach mission objectives, developing a
 dynamic team culture.
- Designated trainer for a developing Contracting Officer and 2 trainees in the Contracting Copper Cap leadership development training program, ensured each program requirements were successfully met and applied by individuals through an interactive hands-on mentoring approach.
- Represented the 773rd ESS/PK by briefing and providing recommendations to General Officer, Senior Executive Service and Senior Management level personnel as a senior business advisor and acquisition subject matter expert.

Key Achievements:

- Successfully awarded the State Department's Defense Institute for Medical Operations' (DIMO) \$1.4M Global Health Services contract in 2.5 weeks ensuring continuity of mobile training courses that focus on biosecurity, biosafety (infection control), infectious disease threats, and disaster planning worldwide.
- Skillfully negotiated a \$2.9M bilateral modification for cost plus fixed fee line items, while simultaneously correcting many deficiencies in the maintenance notification and approval process for the Next Patient Therapeutic Liquid Oxygen (NPTLOX) \$10M maintenance contract in support of global medical patient Aeromedical Evacuation (AE).

United States Air Force Randolph AFB San Antonio, TX	
Supervisor: Lisa Monroe	Number: 210-827-5096

- Selected as a senior subject matter expert in contracting to act as a policy and regulation advisor for contracting general officers, senior executives, hiring managers, workforce, and Air Force Personnel Center. In addition, performed contracting regulation and policy research to review and approve of changes to the Series 1102 Contracting Career Field Education and Training Plan.
- Executed and managed contracting workforce policies and programs, including procurement of contractor support to host off-site conferences and road shows, as well as hosted program and policy training events.
- Performed extensive regulatory and policy research to act as the primary advisor and coordinator for the contracting General Schedule (GS) to AcqDemo (NH) position upgrade command directive including advising contracting operational leadership on organizational restructuring, workforce development, and contracting career management programs.
- As a seasoned Contracting Officer and program manager, combined market analysis research and command directives to review and recommended the qualifications required of all potential Air Force contracting civilian hires.
- Conducted and oversaw analysis of civilian and officer candidates to determine their eligibility for selection to 16 different career advancement programs such as The Harvard Fellows Program and The Executive Leadership

Development Program. Arranged and coordinated annual senior executive and general officer Development Team events for final selections in each program.

- As a contracting subject matter expert, responsible for the overall management and execution of the Copper Cap developmental training program for new contracting personnel. Regularly collaborated with staff and ultimately responsible to ensure candidates met contracting career field program requirements through qualification review and recommendation, program progression oversight and participant guidance relating to HR and acquisition policies and regulations. Performed on-boarding and program monitoring actions to ensure program success for over 760 trainees.
- Responsible for conducting mobile road show events and open forum Q&A sessions with the contracting
 workforce as the Air Force contracting pay system conversion focal point. Executed oversight, production, and
 change management strategies ensuring the successful adoption of the AcqDemo (NH) career field pay system
 methods and application.

Key Achievements:

- Executed 8 Employee Briefing Sessions for 200+ contracting career field personnel. Coordinated communication channels between the field, AcqDemo Program Managers, and US Air Force Contracting (SAF/AQC) to ensure awareness was provided for key personnel. Networked with intra and interagency AcqDemo participants as well as policy makers. Gathered, analyzed, prepared, and provided recommendations to organizational leadership for Position Requirements Documents, Business Rules, lessons learned and best practices aligning the new pay system with Air Force strategic objectives.
- Single handedly authored mandatory supervisor and intern feedback questionnaires to conduct trend analysis and program performance for the Copper Cap leadership development program.

Team Leader / Contracting Officer	October 2014 – April 2015
United States Air Force Joint Base San Antonio, TX	
Supervisor: Eva Hoskins	Number: 330-774-3011

- Collaboratively planned, organized, and guided the functions of 8 specialists over 34 Air Force Medical Support Agency (AFMSA) requirements valued at \$2.5B.
- Representative of 773rd ESS/PK for General Officer, senior leadership, installation, and functional area organization inquiries on contract related matters.
- Responsible for researching, reviewing, and executing solutions for unusual circumstances. Resolved outstanding claim through objective evaluation and information gathering ensuring consistency on contract performance assessment reports.
- Confidently negotiated and made final determinations on contract type, pricing, and special terms and conditions.

Key Achievements:

- Primary Administrative Contracting Officer for \$992M Clinical Acquisition Support Services (CLASS), Medical Support Services (MSS) multiple award contract vehicles utilizing 22 contractors to support 65 Air Force Medical Treatment Facilities.
- Executed the acquisition of a high visibility process improvement advisory and assistance requirement valued over \$3M.
- Acquisition team member of \$1.19B contract extension to ensure continuity of critical medical services for armed forces members and families.

Team Leader / Contracting Officer	September 2013 – October 2014
United States Air Force Joint Base McGuire-Dix-Lakehurst, NJ	-
Supervisor: Suzanne Edgar	Number: 609-314-8316

- Led a team of 8 specialists to develop, review, and manage requirement's pre-award and post-award activities for a portfolio of \$150M complex and challenging construction and service contracts located across geographically separated areas.
- Reviewed and analyzed requests for the acquisition of diversified requirements across multiple areas and disciplines then provided business advice and guidance on contracting policy and procedures to customers to implement a timely, best-value solution. Reviewed contractual documents for external distribution.
- Researched, advised, and implemented plans and techniques to improve flight programs and policies as well as
 integrated individual and team functional efforts in pursuit of total package customer support.
- Planned the overall approach to meet contracting program for procuring a variety of complex requirements. Coordinated and led source selections, multi-function teams, negotiations, and debriefings.

Key Achievements:

- ✤ Acquisition Team member of \$83M multiple award task order contracts for multi-service paving and asphalt requirement.
- Secured simultaneous emergency electrical repair services within 48 hours mitigating critical mission stoppage for Naval and Army counterparts.

Contract Specialist	April 2010 – September 2013
United States Air Force Joint Base McGuire-Dix-Lakehurst, NJ	
Supervisor: Suzanne Edgar	Number: 609-314-8316

- Planned requirements, issued solicitations, evaluated proposals, conducted pre-proposal conferences/contract
 negotiation, and awarded complex and technical services, construction, and commodities. Prepared acquisition
 plans and perform in-depth market research analysis as well as developed Statements of Work/Performance Work
 Statements, Justification and Approvals, and Determination and Findings.
- Conducted specialized and complex contract negotiations, administration, and terminations in accordance with
 regulations and technical requirements for a variety of contracts.
- Self-educated Air Force Medical Service Commodity Council IDIQ ordering procedures and managed personal service medical provider contracts collectively valued at \$650k.
- Properly applied and ensured funding compliance using rules associated with the obligation of multiple types of appropriations and determining price as fair and reasonable for all contract actions.

Key Achievements:

- Collaboratively developed a \$600k Civil Engineer propane requirement expanding service to include the entire customer base of 4,000 individuals.
- Overhauled \$2M pest management requirements contract streamlining post-award administration efforts for the end-user and contracting activity.
- Maintained civil engineering support service contracts valued at over \$4 million. Efficiently liaised customer/contractor issues preventing breaks in service.

April 2008 – October 2009

Senior Property Claims Adjuster Farmers Insurance Group, Denver, CO

 Applied investigative methods to gather, analyze, and evaluate skewed or contradictory information for accurate interpretations of policy applicability and coverage determination.

- Conducted site visits and assessed damages to residential structures and internal components caused by water, hail, fire, vandalism, theft and other sudden and accidental events.
- Wrote detailed incident reports documenting all covered and non-covered claims according to company policies.
- Produced and evaluated comprehensive line item cost estimates, statements of work, and sketches for repairs.
- Authorized notice to proceed and issued onsite advanced payments to initiate repairs based on analysis of covered damages.

- Performed cost analysis of contractor proposals, developed dispute resolutions, and negotiated the settlement of claims between suppliers, contractors, and policyholders.
- Carried out administrative tasks to include scope of work and/or funding increases, financial settlements and closeout procedures.
- Performed contingency response duties for extensive damages to properties in austere disaster areas.

Residential Inspector & Owner Simpson Inspections, LLC, Colorado Springs, CO

October 2006 – April 2008

- Designed, developed, and implemented a business plan to provide inspection services for residential properties.
- Managed company financing and marketing operations.
- Certified through American Home Inspectors Training Institute (AHIT) and International Association of Certified Home Inspectors (InterNACHI).
- Performed contracted services investigating major components such as electrical, structural, roofing, HVAC, plumbing, and overall safety/code compliance.
- Analyzed findings and provided detailed reports and recommendations to prospective homebuyers.

Sales and Operations Manager Chuy's Wholesaling and Distributing, Wenatchee, WA

April 2003 – August 2005

- Generated B2B and B2C sales and procurements through multiple contract and cost negotiations valued cumulatively over \$450K.
- Supervised a diverse bi-lingual workforce of 15 to 25 individuals for up to 18 hours a day in a fast paced austere environment.
- Maintained and managed all financial records through various accounting methods and Excel spreadsheets.
- Cultivated business partnerships with suppliers and customers to enhance marketing techniques and production
 processes that increased efficiency and expanded sales.
- Coordinated receiving and delivery logistics to multiple suppliers and customers.

Education

Master of Science Construction Management Sustainability and Green Building est. 2024

Drexel University, Philadelphia, PA GPA 4.0

Graduate Certificate Project Management 2020

Georgetown University Washington, D.C.

Master of Business Administration in International Business 2006

Schiller University, Largo FL GPA 3.65 1 Year Study Abroad - Spain

Bachelors Business Administration in Marketing 2001

University of North Texas, Denton TX Dean's List 2001 Study Abroad – Mexico

Planning Commission At Large	Application No: No: 20220105134407_12283
ELIGIBILITY	
PROFILE	
Prefix	Mr
Last Name	McLeaird
First Name	Ryan
Middle Name	
Suffix	
Preferred Name	
Title	
Are you a City of San Antonio resident?	Yes
San Antonio Resident Length Years	20
In which City Council District do you reside?	09
How many years have you lived in the City Council District where you reside?	06
Address Type?	Residence
Address	
City	San Antonio
State	TX
Zip	78216
Phone Type?	Cell
Phone number	
Phone 2 Type?	
Phone 2 number	
Address 2 Type?	Business
Address 2	210 Bluffcrest
City 2	San Antonio
State 2	TX
Zip 2	78216
eMail	
Employer	Silver Spur Ventures LLC
Job Title	Owner
Occupation	Real Estate
Board/Commission/Committee Name	Planning Commission~At Large~~04
DEMOGRAPHIC INFORMATION	
The City of San Antonio strives for boards and commissions to be representative of our diverse community. Providing the following demographic information is voluntary, and will only be used for statistical and reporting purposes.	
Race/Ethnicity (Please select all that apply):	White/Non-Hispanic

Gender	Male
Age:	35 to 44
Do you identify as a sexual minority (such as lesbian, gay, bisexual, queer, etc.)?	No
QUESTIONS	
If this board position requires residency within Bexar County, the City of San Antonio city limits or within a particular council district, do you meet those residency requirements?	Yes
Do you or any of your immediate family members or any businesses that you or they own currently have any direct or indirect financial interest in any contract(s) with the City, including subcontracts?	No
Will you or any of your immediate family members or any businesses that you or they own seek a contract(s) with the City in the foreseeable future?	No
Do you or any of your immediate family members or any businesses that you or they own have any financial interest, direct or indirect, in any sale to the City of any land, materials, supplies, or service?	Yes
Identify parties to the sale and describe financial interest.	Brother owns land the city is trying to buy from him for a capital improvements project
Will you or any of your immediate family members of any businesses that you or they own seek or take part, either directly or indirectly, in any sale of land, materials, supplies, or service to the City in the foreseeable future?	No
Does your employer or an employer of your immediate family members have a contract with the City?	No
Do you or any of your family members currently serve or in the past year served as an administrative aide to a Councilmember?	No
Do you currently serve in any elected or appointed public government office?	No
Are you a member and/or officer and/or employee of any boards, commissions, corporations, non-profit entities, agencies, or other entities?	No
Do you intend to seek election or appointment to any public office or board or commission in the foreseeable future?	No
Have you ever been hired for a position with the City of San Antonio?	No
Describe your Educational history.	BBA in Finance from UTSA 2007 Executive MBA from UTSA in 2017
Describe your Professional History & Certification designations (Current and historical).	Licensed REALTOR
Describe your Volunteer Experience & Community Service	I served for many years as the chair of our United Wa campaign as well as served on the board of the Front Nine Committee, a group dedicated to raising money for the First Tee of San Antonio.
Please provide a brief narrative outlining your reasons for seeking appointment to this board or commission:	I want to be involved in the goings on with the city and provide a way to give back and make a positive impact

	in our communities I feel that my experience and knowledge can lend to productive input and advisement on any committee I serve.
APPLICATION SIGN-OFF	
As a board, commission, or committee member, you will be asked to adhere to Code of Ordinances, City of San Antonio, Part II, Chapter 2, Article IX, Sec.2-534. All board and commission members must file a Financial Disclosure Report with the Office of the City Clerk upon appointment, and annually thereafter, throughout the member's term Failure to file a Financial Disclosure Report within the time required by the City's Ethics Code will be considered an automatic removal.	
I understand that if any member of the public makes a request for information included in this Application for Appointment, most of the information must be disclosed under the Public Information Act. I understand that the City of San Antonio will attempt to maintain the confidentiality of highly private matters by seeking an Attorney General's opinion in accordance with the Public Information Act. I understand that it may not be legally possible to maintain the confidentiality of such information, and I hereby release the City of San Antonio, and its agents, employees and officers, from any and all liability whatsoever if the information must be released pursuant to the Public Information Act or any other law requiring its release.	Acknowledged
I recognize that I am an applicant for Planning Commission~At Large~ ~04, as a City of San Antonio board or commission that is more than advisory in nature. As a city officer, I understand that I, my immediate family members, and any business in which I and/or they hold a 10% or greater ownership interest will be prohibited from seeking or accepting contracts with the city for the duration of my service on this board. I further understand that this restriction will extend with regard to many types of discretionary contracts for a period of one year after leaving city service	Acknowledged
OATH: I have read and understand the guidelines set out in this application. The foregoing statements are true, accurate, and complete. I agree that any misrepresentation or omission of facts may result in my disqualification for appointment.	Acknowledged
Enter Your Name	Ryan McLeaird
Date of submission.	1/5/2022
The Texas Public Information Act provides that each government official may choose whether to allow the public access to the information in the custody of the City that contains your home address, home telephone number, or reveals whether you have family members Please note that this does not apply to business addresses, which are subject to public disclosure. If an open records request is filed requesting to view or obtain records that contain your personal information, the City will take steps to protect your personal information as authorized by the Texas Public Information Act, but only if you have elected to protect personal information	
I want the public to have access to my Home Address.	No
I want the public to have access to my Home Telephone Number.	No
I want the public to have access to my Social Security Number.	No
I want the public to have access to my Emergency Contact Information	No
I want the public to have access to my Family Information.	No
Please attach any additional information, such as a current resume, using the Attachments panel at the bottom of this page	

Planning Commission At Large Planning Commission Chair Pro Tem	Application No: No: 20221013112922_13080
ELIGIBILITY	
PROFILE	
Prefix	Mr
Last Name	Peck
First Name	George
Middle Name	W.
Suffix	
Preferred Name	
Title	
Are you a City of San Antonio resident?	Yes
San Antonio Resident Length - Years	31
In which City Council District do you reside?	08
How many years have you lived in the City Council District where you reside?	03
Address Type?	Residence
Address	
City	San Antonio
State	TX
Zip	78231
Phone Type?	Business
Phone number	
Type?	Cell
Phone 2 number	
Address 2 Type?	Business
Address 2	11550 IH 10 W., Suite 395
City 2	San Antonio
State 2	TX
Zip 2	78230
eMail	
Employer	KCI Technologies, Inc
Job Title	Vice President, Regional Practice Leader
Occupation	Civil Engineer

Board/Commission/Committee Name	Planning Commission~At Large~Planning Commission Chair Pro Tem~04
DEMOGRAPHIC INFORMATION	
The City of San Antonio strives for boards and commissions to be representative of our diverse community. Providing the following demographic information is voluntary, and will only be used for statistical and reporting purposes.	
Race/Ethnicity (Please select all that apply):	White/Non-Hispanic
Gender:	Male
Age:	45 to 54
Do you identify as a sexual minority (such as lesbian, gay, bisexual, queer, etc.)?	No
QUESTIONS	
If this board position requires residency within Bexar County, the City of San Antonio city limits or within a particular council district, do you meet those residency requirements?	Yes
Do you or any of your immediate family members or any businesses that you or they own currently have any direct or indirect financial interest in any contract(s) with the City, including subcontracts?	Yes
Identify anticipated parties to the contract(s)and describe contract(s).	My employer, KCI Technologoes, Inc., actively seeks engineering contracts with the City of San Antonio. These projects include street and drainage improvement projects, airport projects, City Public Service projects and San Antonio Water System projects. I do not own more than 10 percent of the company.
Will you or any of your immediate family members or any businesses that you or they own seek a contract(s) with the City in the foreseeable future?	Yes
Identify anticipated parties to the contract(s) and describe anticipated contract(s).	My employer, KCI Technologoes, Inc., actively seeks engineering contracts with the City of San Antonio. These projects include street and drainage improvement projects, airport projects, City Public Service

	projects and San Antonio Water System projects I do not own more than 10 percent of the company.
Do you or any of your immediate family members or any businesses that you or they own have any financial interest, direct or indirect, in any sale to the City of any land, materials, supplies, or service?	Yes
Identify parties to the sale and describe financial interest.	My employer, KCI Technologoes, Inc., actively seeks engineering contracts with the City of San Antonio These projects include street and drainage improvement projects, airport projects, City Public Service projects and San Antonio Water System projects I do not own more than 10 percent of the company.
Will you or any of your immediate family members of any businesses that you or they own seek or take part, either directly or indirectly, in any sale of land, materials, supplies, or service to the City in the foreseeable future?	Yes
Identify anticipated parties to the sale and describe anticipated interest	My employer, KCI Technologoes, Inc., actively seeks engineering contracts with the City of San Antonio These projects include street and drainage improvement projects, airport projects, City Public Service projects and San Antonio Water System projects I do not own more than 10 percent of the company.
Does your employer or an employer of your immediate family members have a contract with the City?	Yes
List name of employer, family member and describe contract.	My employer, KCI Technologoes, Inc., actively seeks engineering contracts with the City of San Antonio These projects include street and drainage improvement projects, airport projects, City Public Service projects and San Antonio Water System projects I do not own more than 10 percent of the company.
Do you or any of your family members currently serve or in the past year served as an administrative aide to a Councilmember?	No
Do you currently serve in any elected or appointed public government office?	Yes
Please list office, board or commission, your position in that entity and term of service.	I am currently the Chair Pro-Tem of the City of San Antonio Planning Commission. I was initially appointed in 2012 and have now served a total of ten years. I have also served on the Technical Advisory Committee for the past 7 years and have chaired the TAC for the last 6 years.

Are you a member and/or officer and/or employee of any boards, commissions,	Yes
corporations, non-profit entities, agencies, or other entities?	
Give the title and dates of any position which you have held in such organization:	I am currently the President-Elect of the Real Estate Council of San Antonio (RECSA). Since 2009 I have held various positions on the RECSA Executive Committee including Vice President, Government Affairs Chair, At-Large Member, and chair of the Development Process Task Force for DSD. I am also the current Chair Pro-Tem of the City of San Antonio Planning Commission and the Chairman of the Technical Advisory Committee.
Do you receive any compensation for service on this entity(ies)?	Yes
If yes, please describe compensation, for example - \$20 per meeting.	\$20 per meeting for service on the City of San Antonio Planning Commission.
Do you intend to seek election or appointment to any public office or board or commission in the foreseeable future?	Yes
Please list the office, board, or commission and status of your application to that position.	I am currently seeking reappointment to the City of San Antonio Planning Commission.
Have you ever been hired for a position with the City of San Antonio?	No
Describe your Educational history.	I graduated with a Bachelor of Science degree in civil engineering from Clarkson University in Potsdam, New York in 1992.
Describe your Professional History & Certification designations (Current and historical).	I began work as a civil engineer in 1991. I have worked as an engineer in San Antonio for my entire professional career. I have worked for Fisher Engineering, Ford Engineering, W.F. Castella and Associates, Turner Collie and Braden, AECOM, Galo Properties, Civil Engineering Consultants and currently KCI Technologies, Inc. My work experience has been entirely composed of private development projects which consist of residential, commercial, industrial, and institutional projects. I am a licensed Professional Engineer in the State of Texas and received my professional registration in 1996.
Describe your Volunteer Experience & Community Service	I currently serve as the Chair Pro-Tem of the City of San Antonio Planning Commission and as the Chairman of the Technical Advisory Committee. Additionally, over the past several years I have performed volunteer work for the Real Estate Council of San Antonio which entailed serving on numerous committees dealing with rule changes and proposed code amendments. I also serve as the current President Elect of the Real Estate Council and have been involved with Professional Engineers in Private Practice, San Antonio Council of Engineering Companies, Greater San Antonio Builders Association, and the National Society of Professional Engineers.

Please provide a brief narrative outlining your reasons for seeking appointment to this board or commission:	The Planning Commission plays a vital role in the orderly growth and development of our community. Based on my personal and professional experience, interest in community service, understanding of the development process, and participation with local industry organizations, I can and currently do fulfill all the duties of a Planning Commissioner and add value to the commissions deliberations. My experience over the past ten years on the Planning Commission has been both rewarding and enjoyable. I feel I have played an integral role in the functions and decisions of the commission and with ten years of experience, I feel I can contribute even more in the years to come. I am seeking reappointment to continue adding value to the Planning Commission and as a way to give back to the community in a positive manner and in a way which I am most qualified to do so. As the Chairman of the Technical Advisory Committee, I also feel that with my vast knowledge of and experience with the Unified Development Code I will be able to add tremendous value to and facilitate the review of any and all items brought to the commission for consideration and any out of cycle UDC amendments that may come along in the next two years. Earlier this year I played a vital role in the review, modification, and ultimate approval of the 2020/2022 UDC amendments at the TAC. I have 29 years of experience with the UDC and have played an integral role in its development over the past 15 years. My vast knowledge of and 31 years experience with the UDC will prove invaluable in the review of any item brought to the Planning Commission and the TAC for consideration.
APPLICATION SIGN-OFF	
As a board, commission, or committee member, you will be asked to adhere to: Code of Ordinances, City of San Antonio, Part II, Chapter 2, Article IX, Sec.2-534. All board and commission members must file a Financial Disclosure Report with the Office of the City Clerk upon appointment, and annually thereafter, throughout the member's term. Failure to file a Financial Disclosure Report within the time required by the City's Ethics Code will be considered an automatic removal.	
I understand that if any member of the public makes a request for information included in this Application for Appointment, most of the information must be disclosed under the Public Information Act. I understand that the City of San Antonio will attempt to	Acknowledged

Enter Your Name Date of submission
OATH: I have read and understand the guidelines set out in this application. The foregoing statements are true, accurate, and complete. I agree that any misrepresentation or omission of facts may result in my disqualification for appointment.
law requiring its release. I recognize that I am an applicant for Planning Commission~At Large~Planning Commission Chair Pro Tem~04, as a City of San Antonio board or commission that is more than advisory in nature. As a city officer, I understand that I, my immediate family members, and any business in which I and/or they hold a 10% or greater ownership interest will be prohibited from seeking or accepting contracts with the city for the duration of my service on this board. I further understand that this restriction will extend with regard to many types of discretionary contracts for a period of one year after leaving city service.
highly private matters by seeking an Attorney General's opinion in accordance with the Public Information Act. I understand that it may not be legally possible to maintain the confidentiality of such information, and I hereby release the City of San Antonio, and its agents, employees and officers, from any and all liability whatsoever if the information must be released pursuant to the Public Information Act or any other

Act provides that each government official may choose whether to allow the public access to the information in the custody of the City that contains your home address, home telephone number, or reveals whether you have family members. Please note that this does not apply to business addresses, which are subject to public disclosure. If an open records request is filed requesting to view or obtain records that contain your personal information, the City will take steps to protect your personal information as authorized by the Texas Public Information Act, but only if you have elected to protect personal information.	
I want the public to have access to my Home Address.	No
I want the public to have access to my Home Telephone Number.	No
I want the public to have access to my Social Security Number.	No
I want the public to have access to my Emergency Contact Information.	No
I want the public to have access to my Family Information.	No
Please attach any additional information, such as a current resume, using the Attachments panel at the bottom of this page.	

Planning Commission At Large	Application No: No: 20221017090649_13083
ELIGIBILITY	
PROFILE	
Prefix	Mr
Last Name	Proffitt
First Name	Matthew
Middle Name	David
Suffix	
Preferred Name	Matt
Title	
Are you a City of San Antonio resident?	Yes
San Antonio Resident Length Years	40
In which City Council District do you reside?	10
How many years have you lived in the City Council District where you reside?	40
Address Type?	Residence
Address	
City	San Antonio
State	TX
Zip	78217
Phone Type?	Cell
Phone number	
Phone 2 Type?	
Phone 2 number	
Address 2 Type?	Business
Address 2	
City 2	San Antonio
State 2	TX
Zip 2	
eMail	
Employer	Security Service Title Company, LLC
Job Title	Sr. Vice President
Occupation	Title Insurance Executive
Board/Commission/Committee Name	Planning Commission~At Large~~04
DEMOGRAPHIC INFORMATION	
The City of San Antonio strives for boards and commissions to be representative of our diverse community. Providing the	

Race/Ethnicity (Please select all that apply):	White/Non-Hispanic
Gender	Male
Age:	45 to 54
Do you identify as a sexual minority (such as lesbian, gay, bisexual, queer, etc)?	Prefer not to Answer
QUESTIONS	
If this board position requires residency within Bexar County, the City of San Antonio city limits or within a particular council district, do you meet those residency requirements?	Yes
Do you or any of your immediate family members or any businesses that you or they own currently have any direct or indirect financial interest in any contract(s) with the City, including subcontracts?	No
Will you or any of your immediate family members or any businesses that you or they own seek a contract(s) with the City in the foreseeable future?	No
Do you or any of your immediate family members or any businesses that you or they own have any financial interest, direct or indirect, in any sale to the City of any land, materials, supplies, or service?	No
Will you or any of your immediate family members of any businesses that you or they own seek or take part, either directly or indirectly, in any sale of land, materials, supplies, or service to the City in the foreseeable future?	No
Does your employer or an employer of your immediate family members have a contract with the City?	No
Do you or any of your family members currently serve or in the past year served as an administrative aide to a Councilmember?	No
Do you currently serve in any elected or appointed public government office?	Yes
Please list office, board or commission, your position in that entity and term of service.	Chair, Planning Commission, City of San Antonio, 2021-2023
Are you a member and/or officer and/or employee of any boards, commissions, corporations, non-profit entities, agencies, or other entities?	Yes
Give the title and dates of any position which you have held in such organization:	Board Governance Chair, The Children"s Shelter
Do you receive any compensation for service on this entity(ies)?	No
Do you intend to seek election or appointment to any public office or board or commission in the foreseeable future?	No
Have you ever been hired for a position with the City of San Antonio?	No

Describe your Educational history.	B.A Communications - University of Texas at San Antonio
Describe your Professional History & Certification designations (Current and historical).	9/2016-Current - Sr. Vice President - Security Service Title Company, LLC 12/2012 - 9/2016 - Operations Manager - Texas - United Lender Services, a USAA Company 9/2011-12/2012 - Vice President/Sr. Escrow Officer - First American Title 10/2004-9/2011 - Vice President/Commercial Division Manager - Stewart Title Escrow Officer License - Title Department of Insurance
Describe your Volunteer Experience & Community Service	Board Governance Chair, The Children''s Shelter President, Forest Oak Neighborhood Association Member, Texas Land Title Association PAC Board of Trustees Member, Westcor Land Title Insurance Company Agency Advisory Group
Please provide a brief narrative outlining your reasons for seeking appointment to this board or commission:	As current Chair of the Planning Commission, I have worked efficiently with my fellow commissioners and the DSD staff to successfully complete the UDC amendment process. As the City continues to grow, responsible land use planning is essential to support new residents and business while maintain the character of the existing neighborhoods. My goal on all items brought forward to the Planning Commission, is to encourage productive involvement between by the applicants and residents.
APPLICATION SIGN-OFF	
As a board, commission, or committee member, you will be asked to adhere to: Code of Ordinances, City of San Antonio, Part II, Chapter 2, Article IX, Sec.2-534. All board and commission members must file a Financial Disclosure Report with the Office of the City Clerk upon appointment, and annually thereafter, throughout the member's term. Failure to file a Financial Disclosure Report within the time required by the City's Ethics Code will be considered an automatic removal.	
I understand that if any member of the public makes a request for information included in this Application for Appointment, most of the information must be disclosed under the Public Information Act. I understand that the City of San Antonio will attempt to maintain the confidentiality of highly private matters by seeking an Attorney General's opinion in accordance with the Public Information Act. I understand that it may not be legally possible to maintain the confidentiality of such information, and I hereby release the City of San Antonio, and its agents, employees and officers, from any and	

all liability whatsoever if the information must be released pursuant to the Public Information Act or any other law requiring its release	
I recognize that I am an applicant for Planning Commission~At Large~ ~04, as a City of San Antonio board or commission that is more than advisory in nature. As a city officer, I understand that I, my immediate family members, and any business in which I and/or they hold a 10% or greater ownership interest will be prohibited from seeking or accepting contracts with the city for the duration of my service on this board. I further understand that this restriction will extend with regard to many types of discretionary contracts for a period of one year after leaving city service.	Acknowledged
OATH I have read and understand the guidelines set out in this application. The foregoing statements are true, accurate, and complete I agree that any misrepresentation or omission of facts may result in my disqualification for appointment.	Acknowledged
Enter Your Name	Matthew David Proffitt
Date of submission	10/17/2022
The Texas Public Information Act provides that each government official may choose whether to allow the public access to the information in the custody of the City that contains your home address, home telephone number, or reveals whether you have family members. Please note that this does not apply to business addresses, which are subject to public disclosure. If an open records request is filed requesting to view or obtain records that contain your personal information, the City will take steps to protect your personal information as authorized by the Texas Public Information Act, but only if you have elected to protect personal information.	
I want the public to have access to my Home Address	No
I want the public to have access to my Home Telephone Number.	No
I want the public to have access to my Social Security Number.	No
I want the public to have access to my Emergency Contact Information.	No
I want the public to have access to my Family Information.	No
Please attach any additional information, such as a current resume, using the Attachments panel at the bottom of this page.	

Matt Proffitt

An energetic, highly motivated degreed professional with 20 years of successful business and management experience in the title industry. A versatile professional adept in training and organizational development with the ability to work well under pressure. A proven leader with excellent communication skills the ability to analyze options, create solutions, motivate staff to action and produce profitable results. Key skills include:

Operation Process Analysis Performance Management Developing and Implementing Strategic Planning and Leadership Professional Development Operational Processes Budgeting Team Building Customer Service

PROFESSIONAL HISTORY

2016 – Present – Security Service Title Company, LLC Senior Vice President – Head of Title Operations

- Established new multi-state title agency for the nation's sixth-largest credit union.
- Developed and implemented strategies that resulted in over performance of revenue, orders/closing, FTE count, and expansion plans compared to plan.

2012-2016 – United Lender Services Corp of Texas, San Antonio, Texas Operations Manager – Texas Division

- Responsible for all aspects of opening new branch for Texas operations, including state licensing, recruiting/staffing, developing and implementing workflow processes, maintaining and improving SLA and negotiating contracts with vendors and underwriters.
- Increased revenues by adding services areas in Texas, expanding commercial closings and managing expenses.
- Worked with national sales representatives to gain new business and develop strategies to increase residential resale title insurance business.
- Developed and implemented policy and procedures to increase efficiencies, ensure compliance with Texas Department of Insurance and CFPB regulations and guidelines, and enhance productivity.

2011-2012 – First American Title – National Commercial Services, San Antonio, Texas Vice President/Sr. Escrow Officer

- Responsible for maintaining existing and expanding commercial title insurance business.
- Conducted multi-state, multi-million dollar commercial closings resulting in increased profitability for the branch operation.
- Enhanced local visibility for NCS by participating in industry events and networking with commercial lender, brokers and attorneys.

2004-2011 - Stewart Title Company, San Antonio, Texas Vice President/Commercial Division Manager

- Oversaw commercial title operations for the San Antonio market, as well as act as lead on closings, including several multi-million dollar transactions.
- Developed marketing strategies and responsible for maintaining expenses and increasing revenues.
- Improved efficiencies by managing workflow processes in high volume builder closing office.

1998-2004 - Netco Title Company, San Antonio, Texas Office Manager/Regional Trainer

- Helped develop and oversee a company management training program.
- Traveled to Texas offices to train and coach staff to improve underperforming operations.
- Developed statewide training materials and conducted presentations to staff.

EDUCATION

University of Texas at San Antonio B.A., Communications

PROFESSIONAL ASSOCIATIONS

Chair, Planning Commission, City of San Antonio

Board Member, Texas Land Title Association PAC

Regulatory and Legislative Committee Member, Texas Land Title Association

Advisor, Westcor Business Advisory Council

Past Board Member, Stewart Title Agency Board of Advisors

Real Estate Council of San Antonio - Graduate of Leadership Development Program

Board Governance Chair, Board of Trustees, The Children's Shelter of San Antonio

Witte Museum - Past Trustee, Board of Trustees

Planning Commission At Large	Application No: No: 20220822112409_12934
ELIGIBILITY	
PROFILE	
Prefix	Mrs
Last Name	Siegel
First Name	Meredith
Middle Name	
Suffix	
Preferred Name	
Title	
Are you a City of San Antonio resident?	Yes
San Antonio Resident Length Years	34
In which City Council District do you reside?	01
How many years have you lived in the City Council District where you reside?	06
Address Type?	Residence
Address	
City	San Antonio
State	TX
Zip	78210
Phone Type?	Cell
Phone number	
Phone 2 Type?	
Phone 2 number	
Address 2 Type?	Business
Address 2	
City 2	San Antonio
State 2	TX
Zip 2	
eMail	
Employer	Merced Housing Texas
Job Title	Construction Project Manager
Occupation	Construction Project Manager
Board/Commission/Committee Name	Planning Commission~At Large~~04
DEMOGRAPHIC INFORMATION	
The City of San Antonio strives for boards and commissions to be representative of our diverse community. Providing the	

Race/Ethnicity (Please select all that apply):	White/Non-Hispanic
Gender	Female
Age:	45 to 54
Do you identify as a sexual minority (such as lesbian, gay, bisexual, queer, etc)?	No
QUESTIONS	
If this board position requires residency within Bexar County, the City of San Antonio city limits or within a particular council district, do you meet those residency requirements?	Yes
Do you or any of your immediate family members or any businesses that you or they own currently have any direct or indirect financial interest in any contract(s) with the City, including subcontracts?	No
Will you or any of your immediate family members or any businesses that you or they own seek a contract(s) with the City in the foreseeable future?	No
Do you or any of your immediate family members or any businesses that you or they own have any financial interest, direct or indirect, in any sale to the City of any land, materials, supplies, or service?	No
Will you or any of your immediate family members of any businesses that you or they own seek or take part, either directly or indirectly, in any sale of land, materials, supplies, or service to the City in the foreseeable future?	No
Does your employer or an employer of your immediate family members have a contract with the City?	Yes
List name of employer, family member and describe contract.	Merced Housing Texas Merced holds a \$500k contract to provide minor repair to low income households throughout the city, and we have been awarded a \$1M contract, though the agreement has not yet been executed. I do not have a financial stake in this agreement.
Do you or any of your family members currently serve or in the past year served as an administrative aide to a Councilmember?	No
Do you currently serve in any elected or appointed public government office?	Yes
Please list office, board or commission, your position in that entity and term of service.	I serve as a current member of the Planning Commission. Friends of Bonham (fundraising board member) 2019-2021 Lavaca Neighborhood Association, Planning Committee Member Jan 2022 - present
Are you a member and/or officer and/or employee of any boards, commissions, corporations, non-profit entities,	Yes

agencies, or other entities?	
Give the title and dates of any position which you have held in such organization:	Planning Commission member: 12/2020 - present Merced Housing Texas non-profit employee : 11/2020 - present
Do you receive any compensation for service on this entity(ies)?	Yes
If yes, please describe compensation, for example - \$20 per meeting.	\$20/meeting \$30/hour wage as a non- profit employee
Do you intend to seek election or appointment to any public office or board or commission in the foreseeable future?	No
Have you ever been hired for a position with the City of San Antonio?	No
Describe your Educational history.	MArch - University of New Mexico, Dec. 2006 BS Architecture at UTSA, May 2000
Describe your Professional History & Certification designations (Current and historical).	Construction Project Manager - Merced Housing Texas Architectural Project Manager - Douglas Architects, Inc. Architectural Project Manager - Sprinkle and Co. LEED AP certification - lifetime
Describe your Volunteer Experience & Community Service	I have served as Planning Commissioner for one two-year term so far. I volunteer for studio engagements at UTSA School of Architecture. I volunteer as a parent for James Bonham Academy.
Please provide a brief narrative outlining your reasons for seeking appointment to this board or commission:	I have served on the Planning Commission since December of 2020, and found it a very rewarding experience. As a nearly-lifelong San Antonian, I care deeply about the path our city takes into the future. San Antonio is growing, quickly, in terms of both area and density. We have an opportunity to shape that growth with intention, to the benefit of our new and historic residents, our natural environment, economic development, and the many visitors we host each year.
APPLICATION SIGN-OFF	
As a board, commission, or committee member, you will be asked to adhere to: Code of Ordinances, City of San Antonio, Part II, Chapter 2, Article IX, Sec.2-534. All board and commission members must file a Financial Disclosure Report with the Office of the City Clerk upon appointment, and annually thereafter, throughout the member's term. Failure to file a Financial Disclosure Report within the time	

required by the City's Ethics Code will be considered an automatic removal.	
I understand that if any member of the public makes a request for information included in this Application for Appointment, most of the information must be disclosed under the Public Information Act. I understand that the City of San Antonio will attempt to maintain the confidentiality of highly private matters by seeking an Attorney General's opinion in accordance with the Public Information Act. I understand that it may not be legally possible to maintain the confidentiality of such information, and I hereby release the City of San Antonio, and its agents, employees and officers, from any and all liability whatsoever if the information must be released pursuant to the Public Information Act or any other law requiring its release.	Acknowledged
I recognize that I am an applicant for Planning Commission~At Large~ ~04, as a City of San Antonio board or commission that is more than advisory in nature. As a city officer, I understand that I, my immediate family members, and any business in which I and/or they hold a 10% or greater ownership interest will be prohibited from seeking or accepting contracts with the city for the duration of my service on this board. I further understand that this restriction will extend with regard to many types of discretionary contracts for a period of one year after leaving city service.	Acknowledged
OATH: I have read and understand the guidelines set out in this application. The foregoing statements are true, accurate, and complete. I agree that any misrepresentation or omission of facts may result in my disqualification for appointment.	Acknowledged
Enter Your Name	Meredith Siegel
Date of submission.	8/22/2022
The Texas Public Information Act provides that each government official may choose whether to allow the public access to the information in the custody of the City that contains your home address, home telephone number, or reveals whether you have family members. Please note that this does not apply to business addresses, which are subject to public disclosure. If an open records request is filed requesting to view or obtain records that contain your personal information, the City will take steps to protect your personal information as authorized by the Texas Public Information Act, but only if you have elected to protect personal information.	
I want the public to have access to my Home Address.	No
I want the public to have access to my Home Telephone Number.	Yes
I want the public to have access to my Social Security Number.	No
I want the public to have access to my Emergency Contact Information.	No
I want the public to have access to my Family Information.	No
Please attach any additional information, such as a current	