

Texas Public Owner's Conference

By Owners, For Owners
(and Other Industry Stakeholders)

Taking facility planning, delivery, and
operations to the next level!

August 10 - 11, 2017
College Station, Texas

*In Partnership with the Texas Public Owner's Group
and
The Institute for Leadership in Capital Projects (I-LinCP)*



ABOUT THE FOUNDER & I-LINCP



Carol M. Warkoczewski, AIA, MSOLE, LEED Green Assoc., Senior Architect-Project Delivery, City of San Antonio; Founder & Chief Vision Officer, Institute for Leadership in Capital Projects (I-LinCP)

The seed of the **Institute for Leadership in Capital Projects (I-LinCP)** was conceived in early 2008 as I contemplated the question, "*What would it look like if the key stakeholders involved in capital projects got together to talk about contemporary design and construction issues in a collaborative way?*"

You see, as an architect, project manager, and executive at various architectural firms and the University of Texas System I was involved in the conception, planning, design, construction, and management of many major projects.

As well, my work as a consultant and project process facilitator had at that time brought me into the midst of the planning and delivery of over 80 wide-ranging capital projects.

During the process of Partnering, which I am an advocate for, the key project stakeholders discuss project goals, team values and behaviors, effective communications, expectations, and project issues, but always focused on a specific project. So, in 2008 I wondered if it would be of value to invite a few clients and project participants to a "conversation" that was industry-focused, rather than project focused. As I bounced this idea off some of my clients, I received warm encouragement. Thus, the first Leadership in Capital Projects (LinCP) Forum was born.

After the first LinCP Forum in February, 2009, I was encouraged by the participants to form a nonprofit organization and to take the Forums around Texas. The **Institute for Leadership in Capital Projects (I-LinCP)** was formed as a Texas nonprofit corporation in January, 2010 and gained nonprofit IRS 501-c-3 status in May, 2011. Since then we have developed robust chapters in Austin, Houston and San Antonio, bringing educational programs on a regular basis and forming Circles of Excellence to excel at our Mission to:

Evolve the capital projects industry through sharing of knowledge for optimized leadership, delivery, and performance.

As the most recent City Architect for the City of San Antonio, and now Senior Architect-Project Delivery, Carol brings her passion to improve project predictability and outcomes. Carol is dedicated to supporting the City of San Antonio's mission to deliver quality City services to achieve San Antonio's vision of prosperity for its diverse, vibrant and historic community. Carol is an architect with 35 years of experience in the design and construction industry. Her other experience includes being the owner of Synergy Builders, with its focus on improving collaboration using Partnering processes, and the Owner's Project Requirements (OPR), facilitating strategic planning, organizational development and culture improvement, and training in leadership-building, communications and managing conflict. Prior to forming Synergy Builders, Carol had ten years in executive administration and project management with FIATECH (a consortium under the Construction Industry Institute) and the University of Texas System-OFPC. The ten years prior were spent as an architect and project manager with GSC and other architectural firms in Austin, Texas.

Texas Public Owner's Conference

By Owners, For Owners
(and Other Industry Stakeholders)

Taking facility planning, delivery, and operations to the next level!

KEY TOPICS

Leadership and Collaboration

Project Planning

Project Financing

Project Delivery Best Practices

Reducing Costs of Operations and Maintenance

Technologies



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Strategic Facilities Planning
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Space Utilization Analysis

SAN ANTONIO / HOUSTON

AGENDA – Day 1 - THURSDAY, AUGUST 10

7:15 AM	Registration and Continental Breakfast
8:00	Welcome Texas A&M University: Jorge Vanegas, Dean-College of Architecture; Dr. Julian Kang, Professor. Carol Warkoczewski, Sr. Architect - Project Delivery, City of San Antonio; Founder, I-LinCP David Trevino, Sr. Program Manager-Facilities Architecture & Engineering Division, City of Dallas
8:30	1. Project Delivery Best Practices
8:30	a. “Alternative Project Delivery – An Overview” Sam Sprouse, Project Executive, Broaddus Companies
9:00	b. “Low-bid, CSP, CMR, DB, JOC? Selecting a Project Delivery Method” Richard Vella, Chief of Design and Construction, City of Houston; Lynda Williams, Capital Contracting Office, City of Austin; Brian Glass, Architectural Services Manager, City of Fort Worth
9:30	c. “A Case Study in LEAN: Bexar County Adult Detention Center 74-Air Handler Replacement” Dan Curry, Director of Facilities Management, Bexar County
10:00	Q&A and Panel Discussion. Moderator: Glenn Balog, Asst. Director-Facilities Division, City of Fort Worth. Presenters from above.
10:30	Break
10:45	2. Project Financing
10:45	a. “P3’s - 2nd Street District: A Catalyst for Downtown Development” Margaret Shaw, Economic Redevelopment Program Manager, City of Austin
11:15	b. “Bond Development – Recent Experiences” David Trevino, City of Dallas; Carol Warkoczewski, City of San Antonio; Glenn Balog, City of Fort Worth
11:45	Q&A and Panel Discussion. Moderator: Ray Minjarez, Supervisor-Project Management Division, City of Austin Presenters from above, plus Hammond Perot, Asst. Director Economic Development, City of Dallas
12:15 PM	Lunch
1:30	3. Reducing Costs of Operations and Maintenance
1:30	a. “Develop Your Own Design Guidelines and Standards to Improve the Bottom Line” Carol Warkoczewski, City of San Antonio
2:00	b. “Energy Management - Structure for Success” Amanda Cambre, RMS/EMP Program Manager, CLEAResult
2:30	c. “Case Study-The Power of Retro-commissioning for the City of San Antonio” Mike Lackey, President, Lackey de Carvajal Cx
2:50	Q&A and Panel Discussion. Moderator: David Trevino, City of Dallas Presenters from above, plus Scott Wright, Asst. Director-Maintenance and Operations, City of Dallas
3:30	Break
3:45	4. Technologies
3:45	a. “Smart(er) Buildings “ Todd Horsman, Senior Director of Strategy & Innovation, CPS Energy
4:10	b. “Integrating BIM and O&M” Hyde Griffith, Vice President, Broaddus Companies
4:35	c. “Leveraging Artificial Intelligence in Design and Construction” Thai Nguyen, Director-Virtual Design and Construction, Hensel Phelps
5:00	Q&A and Panel Discussion. Moderator: Peter Koenig, Computer Integrated Facilities Manager, GSA, and Dr. Julian Kang, Texas A&M. Presenters from above, plus Anand (Andy) Gajbhiye, Joeris Contractors
5:30	Reception: BIM Cave – TAMU, Francis Hall; Bus transportation provided; Welcome: Joe Horlen, Associate Professor & Department Head - Construction Science, Texas A&M University

AGENDA – Day 2 - FRIDAY, AUGUST 11

7:15 AM	Registration and Continental Breakfast
8:00	Welcome Carol Warkoczewski, Sr. Architect Project Delivery, City of San Antonio; Founder, I-LinCP; David Trevino, Sr. Program Manager Facilities Architecture & Engineering Division, City of Dallas; Dr. Julian Kang, Associate Professor of Construction Science, Texas A&M University
8:10	Introduction of Keynote Presenter by Terry Phillips, Director-Houston Office, Facility Programming and Consulting
8:15	Keynote Barbara White Bryson, FAIA , Author of “The Owner’s Dilemma”; Managing Principal at di/StrategicAdvisors; Assoc. Dean Research & Academic Affairs, College of Architecture Planning & Landscape Architecture, The University of Arizona
9:00	Break
9:15	5. Leadership and Collaboration
9:15	a. “Be a Strong Public Owner to be a Client of Choice” Carol Warkoczewski, City of San Antonio; David Trevino, City of Dallas
9:45	b. “Team Alignment and Collaboration” Jake Smithwick, University of North Carolina in Charlotte
10:15	Q&A and Panel Discussion. Moderator: Carissa Shelley, Vice-President, Pape-Dawson Engineers Presenters from above, plus Barbara Bryson and Morad Atif, Director and Professor, Architectural Engineering, Texas A&M University
10:45	Break
11:00	6. Project Planning
11:00	a. “Utility Master Planning – A Texas State University Case Study” Morgan Stinson, Principal, EEA Consulting Engineers
11:30	b. “Project Estimating and Budgeting-Art or Science?” Ash Bajaj, Project Manager, Hensel Phelps Construction; Cindy Jordan, Public Works Project Management, City of Austin
12:00 PM	Q&A and Panel Discussion. Moderator: Ray Minjarez, City of Austin
12:30	Closing Remarks/Adjourn

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Arnold Palmer

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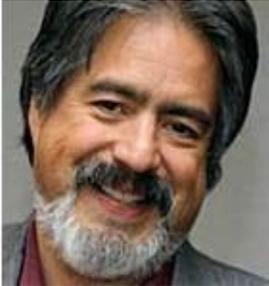


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WELCOME FROM...



Jorge Vanegas
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Texas A&M University



Dr. Julian Kang
Associate Professor,
Holder of History Makers Homes Professorship
Department of Construction Science,
College of Architecture
Texas A&M University



Carol Warkoczewski,
Sr. Architect – Project Delivery
City of San Antonio;
Founder, I-LinCP



David Trevino
Sr. Program Manager
Facilities, Architecture & Engineering Division
City of Dallas



“The Owner’s Dilemma”

Barbara White Bryson, EdD, FAIA

Author of “The Owner’s Dilemma”; Managing Principal at di/StrategicAdvisors; Associate Dean of Research & Academic Affairs, College of Architecture Planning & Landscape Architecture, The University of Arizona

Barbara White Bryson Ed.D. FAIA is Associate Dean for Research and Academic Affairs of the College and Professor of Practice in the School of Architecture. Bryson previously served the University as Vice President of Strategic Planning and Analysis before joining CAPLA in 2016. Bryson’s research interests include the future of the architecture profession as well as integrated planning and master planning processes for university campuses.

After practicing architecture within major firms for nearly two decades, Bryson first turned to higher education in 1996 leading design and planning at the University of Miami as University Architect. Starting in 2000, Bryson led Rice University’s construction program as director of project management and planning for four years and then as associate vice president for facilities, engineering, and planning at Rice for over a decade. Bryson was responsible for university-wide planning that integrated academic, financial, operational, and maintenance needs of the university. Her accomplishments include creating an integrated campus master plan that addressed, among other goals, Rice’s intention to enhance research and teaching relationships with member institutions within the Texas Medical Center. She also oversaw the planning and development of Rice’s BioScience Research Collaborative. In addition, Bryson directed a study of Rice’s science and engineering research space to allocate resources for institutional priorities. For seven years, Bryson taught a course in design and construction innovation at the School of Architecture and the Jesse H. Jones Graduate School of Business at Rice University placing architecture and MBA students in the same classroom.

Bryson is a co-writer of *The Owner’s Dilemma: Driving Success and Innovation in the Design and Construction Industry* along with Canan Yetmen. She continues to push the boundaries of the architecture profession through the reinvention of project delivery processes, the expansion of integrated planning tools, and the reexamination of problem-solving for higher education through independent consulting and writing.

Thursday, August 10, 2017

Topic 1: Project Delivery Best Practices



“Alternative Project Delivery – An Overview”

Sam Sprouse, PE, MBA, Houston Area Manager, Broaddus & Associates

Mr. Samuel A. (Sam) Sprouse, PE, MBA serves as a Project Executive and Houston Area Manager for The Broaddus Companies, where he provides overall project leadership and direction. As Project Executive, Mr. Sprouse implements company and contract policy regarding contract terms and fees and commits company resources. He has an extensive portfolio of healthcare, higher education, aviation, K-12, and municipal projects where he provided construction management, project management, pre-construction services and BIM implementation services. Mr. Sprouse is a registered professional engineer in 4 states, is a Certified Building Contractor, developed a Building Information Modeling (BIM) software that is commercially available today, and obtained two registered trademarks for processes developed that centered on Preconstruction Services. He obtained a Bachelor’s of Science degree in Civil Engineering from Florida State University as well as a Masters of Business Administration from The Terry College of Business at The University of Georgia.



“Low-bid, CSP, CMR, DB, JOC? Selecting a Project Deliver Method”

Richard Vella, Chief of Design and Construction, City of Houston

Richard Vella holds a Bachelor of Technology in Architectural Science from Ryerson University at Toronto and a Master of Architecture from the University of Houston. Vella has worked for various other city departments in his 16 plus years, including Public Works and Engineering and Health and Human Services Departments. During his tenure, Mr. Vella has managed over 100 design and construction projects totaling in excess of \$500 million dollars.

Prior to his current position, Vella has served as Chief of Design for the General Services Department. As Chief of Design and Construction, Vella is responsible for overseeing the design and construction of city facilities serving Houston's citizens such as police stations, fire stations, libraries, parks and recreation centers, health clinics and multi-service centers, municipal courts, recycling centers and waste depositories, and fleet maintenance facilities.



Lynda Williams, Capital Contracting Office, City of Austin

Lynda is a senior contract manager with over 20 years demonstrating effective leadership with all types of government capital improvement contracts with a strong focus on professional services and construction contracts including alternative project delivery methods contracts. Skilled in researching laws, regulations, and best practices pertaining to governmental contracts. Skill in effectively leading multi-functional teams. Expertise in developing and managing RFPs and RFQs. Skill and expertise in negotiation, interpersonal, and contract management. Extensive knowledge and skill in development of contract management policies and procedures and in providing leadership, guidance, and training on various construction and construction related contract delivery methods.

PRESENTERS and PANELISTS – TOPIC 1, Continued



Brian Glass, Architectural Services Manager, City of Fort Worth

Brian Glass is an Architect with over 17 years in private practice focused on municipal and aviation projects. Mr. Glass served as the National Architect for the Boy Scouts of America for 8 years immediately prior taking his current position as the Architectural Services Manager for the City of Fort Worth. He is responsible for the design and construction of vertical projects for the City. This work includes managing the staff, scope, budget, schedules, selecting construction and design professional, contracting and communications regarding these projects to the Mayor, City Council and other staff.



“A Case Study in LEAN: Bexar County Adult Detention Center 74-Air Handler Replacement Project”

Dan Curry, Director of Facilities Management, Bexar County

Dan Curry was born and raised in Central California. He received a Master’s degree from Texas Tech University in Architecture. He is a licensed Architect in the state of Texas, and holds a Facility Management Professional Certification from the International Facility Management Association.

Dan Joined Bexar County in 2009, and was named Director of Facilities Management in 2015. In that position he is responsible for the design, construction, operation, and renovation in all 3 million square feet of County-owned facilities. The department with a staff of over 100, also issues and controls service contracts including janitorial, elevator, waste disposal, recycling, water treatment, heating ventilation air conditioning (HVAC) services, fire safety and security alarm services, and other preventive maintenance and professional service contracts. Additionally, under the department’s umbrella are the County’s parking operations, the central mailroom and print shop, energy management, and the firearms training center.



Moderator

Glenn Balog, Asst. Director – Facilities Division, City of Fort Worth

Glenn Balog has been with the City of Fort Worth since 2006. In his current position, as Assistant Director in the Property Management Department, his responsibilities include oversight of planning, designing, constructing, and maintaining City-owned facilities. Prior to coming to Fort Worth, he served 20 years active duty in the US Navy Civil Engineer Corps at numerous military facilities around the world. He has been a Registered Professional Civil Engineer for over 25 years, and has a Master’s Degree in Civil Engineering from the University of Illinois. In his spare time, he likes to relax by raising Texas Longhorns, German Shepherds, Dorper sheep, and a wide variety of other livestock.

Thursday, August 10, 2017
 Topic 2: Project Financing



“P3’s – 2nd Street District: A Catalyst for Downtown Development”

Margaret Shaw, Economic Redevelopment Program Manager, City of Austin

As the Economic Redevelopment Program Manager for the City of Austin, Margaret Shaw manages complex public-private real estate partnerships. This includes renovation of a former National Guard Armory into a creative media hub in a joint venture with Austin Film Society on city-owned land with voter-approved bonds, and in downtown Austin, the sale and redevelopment of 1.7 acres in the Seaholm District for The Independent, a mixed-use, 58-story condominium tower with multiple community benefits and overseeing the City’s varied interests in the 2nd Street District, six blocks of retail, office and multifamily development.

Prior to economic development, Shaw spent almost 15 years in real estate and community development, both in the private and public sectors. As director of the City of Austin’s housing office from 2007-2010, she oversaw approximately \$20 million annually in Federal and local funds to create affordable housing and job opportunities for lower income residents. In the private sector from 2002-06, Shaw helped to develop more than 600 units of affordable multifamily housing for rent or purchase in Austin and along the Texas-Mexico border in Brownsville, Pharr, and Laredo.



“Bond Development – Recent Experiences”

David Treviño, Senior Program Manager and Architect, City of Dallas

David Treviño, senior program manager and architect at the City of Dallas, has provided expertise for numerous municipal city projects since joining the city in 2001, including the Latino Cultural Center, the Bridge Homeless Assistance Center, several libraries, police and fire rescue stations.

He implements and manages construction projects and develops and applies new software applications for tracking building project progress, work orders and expenditures, among many other responsibilities.

Treviño, who earned a Master of Architecture degree in 1974 and a Bachelor of Environmental Design in 1973, also led the establishment of a group of Texas’ five largest municipalities who are working with research universities to establish best practices and building guidelines for municipal facilities.

Carol Warkoczewski, City of San Antonio (See Bio from Introduction)

Glenn Balog, City of Forth Worth (See Bio from Topic 1)

PRESENTERS and PANELISTS – TOPIC 2, Continued



Moderator

Ray Minjarez, Supervisor-Project Management Division, City of Austin

Currently Acting City Architect heading the Office of City Architect in conjunction with leadership role as Supervisor for Project Management within the Public Works Department for the City of Austin, Texas. Ray has extensive knowledge in working with government sectors to accomplish complex projects involving scheduling, budgeting, contracting, sustainability and stakeholder involvement. He is known for his diligent work ethic and overarching approach in examining every aspect of the project to reach its maximum output and project contribution.

Prior to joining the City of Austin Ray held several executive level positions with The Housing Authority of the City of El Paso and President and CEO of his own mid-sized Architectural firm based in El Paso, Texas. These roles strengthened his understanding of an Owners perspective and expectations for exceptional quality and true value of sustainable architecture.



Panelist

Hammond Perot, Asst. Director Economic Development, City of Dallas

Mr. Perot presently serves as Assistant Director over Business Services for the Office of Economic Development for the City of Dallas. He has been with the City's economic development office since 1997. His responsibilities include oversight of City programs and activities for corporate recruitment, marketing, research/information services, business expansion and retention, and real estate development for industrial, manufacturing, retail and various strategic mixed-use projects.

During his tenure, he and his professional team has successfully negotiated over 250 projects to occur in the city with an associated 50,000 jobs, 20 million square feet of vertical real estate development and over \$6 billion in new capital investment. Significant projects include the headquarter relocations of AT&T and Comerica Bank, new production facilities for Texas Instruments, Dean Foods and Nestle, and the development of the new southern Dallas business parks including Pinnacle Park, Mountain Creek Business Center and the International Inland Port of Dallas (IIPOD).

“I think change needs to be egoless. It’s not about me leaving my fingerprints or a legacy. It’s more important to be part of a process by rolling up your sleeves, being on the ground, initiating projects, starting campaigns – you know, building stuff.”

Queen Rania of Jordan

Thursday, August 10, 2017

Topic 3: Reducing Costs of Operations & Maintenance



“Develop Your Own Design Guidelines and Standards to Improve the Bottom Line”

Carol Warkoczewski, City of San Antonio

(See Bio in Introduction)



“Energy Management – Structure for Success”

Amanda Cambre, CEM, PMP, LEED AP, BOC , Program Manager, CLEAResult

Amanda Cambre is the program manager for the Energy Master Planning and Resource Management Services for CLEAResult. These services are aimed at providing tools and best practices that can be utilized to decrease organizational energy consumption and cost. Amanda conducts energy management strategic planning workshops with leadership teams in order to develop strategic plans that drive organizational change. In addition to energy master planning, she implements the Resource Management Services measure which utilizes energy analytic software, on site energy audits, and ongoing consulting to improve organization wide energy consumption through operational and behavioral improvements. She also manages the City This measure includes the use of local students who participate in a paid internship where they gain energy analytic skills and interact with local building occupants to educate them on their energy consumption and implement strategies to reduce it.



“Case Study – The Power of Retro-Commissioning for the City of San Antonio”

Mike Lackey, President, Lackey de Carvajal CX

Our Mission Statement: “...to help Building Owner’s operate their Building more efficiently and use energy resources more efficiently...”

Mike is a AEC industry professional with extensive experience in commercial, institutional, healthcare and industrial projects. He has extensive background in design, estimating, scheduling, budgeting and construction management, especially MEP systems. His background in Vertical Design and Construction give him particular insights into the complexities of inter-related building systems, especially Mechanical, Electrical, Plumbing, Controls and Building Envelopes.

He is a frequent presenter on Technical topics related to Energy Efficiency, LEED and Total Building Commissioning.

PRESENTERS and PANELISTS – TOPIC 3, Continued



Moderator

David Trevino, City of Dallas

(See Bio in Topic 2)



Panelist

Scott Wright, Asst. Director-Equipment and Building Services, City of Dallas

Scott is the Assistant Director of Equipment and Building Services for the City of Dallas. His world-class leadership training and experience stems from a 23+ year career as a prior enlisted Air Force Officer. Scott has a BS in Electrical Engineering, MBA and extensive experience in leading technicians as they maintain and operate complex facilities. His specialized skills include: leadership of large and diverse labor forces, financial management, public speaking and exceptional oral, written, organizational and interpersonal skills.

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Thursday, August 10, 2017

Topic 4: Technologies



“Smarter Buildings”

Todd Horsman, Senior Director, Strategy & Product Development, CPS Energy

Mr. Horsman has many years of utility experience both domestically and internationally with leadership roles that span from product development to operations. He has recently joined CPS Energy as the Senior Director of Strategy and Product Development where he leads corporate strategy and new product innovation. Prior to CPS Energy he was Vice President of Regulatory Affairs at Landis+Gyr where he led all regulatory development at the ISO, State and Federal level for solutions that optimize distribution grids and distributed resources. He served as Vice Chair for the Advance Energy Management Alliance which advocates for consumers and solutions that enhance demand side management.



“Integrating BIM and O&M”

Hyde Griffith, P.E., PMP, Vice President, Broaddus & Associates

Mr. Hyde Griffith, P.E., PMP serves as a Vice President for Broaddus & Associates providing overall operational leadership for our firm, while managing oversight of our facilities technology group. Mr. Griffith has an unparalleled understanding of the technical application of project management services for complex higher education and academic healthcare projects. He has led our teams in providing Integrated Master Scheduling and Performance Metrics analysis for the U.S. Department of Veterans Affairs. He is the responsible company executive for deploying staff resources for all of our client commitments. Mr. Griffith holds a Bachelor of Science degree in Civil Engineering from The Citadel as well as a Master of Business Administration in Project Management from the University of Athabasca. He is also a certified Professional Engineer and Project Management Professional.



“Leveraging Artificial Intelligence in Design and Construction”

Thai Nguyen, Director – Virtual Design and Construction, Hensel Phelps

Thai is the Corporate VDC Manager at Hensel Phelps Construction Co. VDCO Department. The department provides corporate support to the districts and project BIM related needs, including recruiting, training, technical assistance, hardware and software, and research and development. Mr. Nguyen received a degree in Architecture from the University of Illinois, and has been a leader at Hensel Phelps in development of workflow processes and technologies to advance virtual design and construction and project integration. Mr. Nguyen is a national speaker on virtual design and construction processes and technologies.

PRESENTERS and PANELISTS – TOPIC 4, Continued



Moderators

Peter Koenig, Computer Integrated Facilities Manager, GSA

As a Computer Integrated Facility Manager, my objective is to ensure that the Agency's standards are met when capturing and managing its real property asset data, which consist of 13.2 million square feet of Federally Owned Inventory. This consist of maintaining information in a Computer Aided Facility Management (CAFM) System, Electronic Document Management System (EDMS), Geographic Information System (GIS), and Building Information Management (BIM) programs. My role is to support Regional Project Managers to ensure that the A/E Firms are meeting GSA/PBS Building Information Modeling (BIM) Standards, and AEC CAD Standards.



Julian Kang, PhD, Associate Professor, Department of Construction Science, College of Architecture, Texas A&M University

Originally from South Korea, Dr. Kang earned his undergraduate degree in Civil Engineering in 1986 and his Master's degree from Yonsei University in 1988. He then worked for 10 years in the Nuclear Power Plant Industry, and led the effort to develop the Integrated Project Information Management System (IPIMS), which is identical to Building Information Modeling (BIM) in essence. In 1998, Dr. Kang joined Texas A&M University to pursue his Ph.D. degree in Civil Engineering, where he worked on "Web-based 4D Construction Visualization." Upon receiving his Ph.D. degree, he joined the Department of Construction Science, and became tenured associate professor in 2008. Dr. Kang developed the BIM CAVE, which is Computer Aided Virtual Environment for BIM.



Panelist

Andy Gajbhiye, Director of Construction Technologies, Joeris Contractors

Anand Gajbhiye is the BIM Manager for Joeris General Contractors. He manages the BIM Department, leads the BIM team and provides oversight to all company BIM projects. Andy is responsible for directing the implementation of BIM within Joeris' strategic plan. Andy is an authority on BIM use throughout various phases of construction, has presented in many conferences and has been published in several technical publications.

"When we work in silos, we break the trust of the community."

Todd Vogel, Loom Foundation



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8/11 - 11:00am

“Utility Master Planning and its Role in the
Campus Planning Process”

A Texas State University Case Study
presented by
Morgan Stinson, PE, Vice President



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Friday, August 11, 2017
Topic 5: Leadership and Collaboration

“Be a Strong Public Owner to be a Client of Choice”

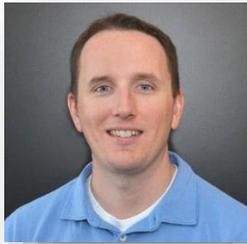


Carol Warkoczewski, City of San Antonio
 (See Bio in Introduction)



David Trevino, City of Dallas
 (See Bio in Topic 2)

“Team Alignment and Collaboration”



Jake Smithwick, PhD, MPA, FMP, SFP, Assistant Professor, Engineering Management Department, University of North Carolina in Charlotte

Dr. Jake Smithwick is an assistant professor in the Engineering Technology and Construction Management Department at the University of North Carolina in Charlotte. Jake’s research focuses on the optimization of project delivery within facility management, procurement technology, risk management, and performance measurement. Jake also has experience in improving organizational agility through strategic management of corporate overhead. He has worked on a variety of projects, totaling more than \$600 million in value, with 25 public and private owners. His industry experience also includes field inspection of nearly 2,000 waterproofing systems (74 million SF) across the United States, and six years in the US Air Force Reserve (civil engineering squadron). Jake also possesses IFMA’s Facility Management Professional (FMP) and Sustainability Facility Professional (SFP) credentials.

PRESENTERS and PANELISTS – TOPIC 5, Continued



Moderator

Carissa Shelley, Vice-President, Pape Dawson Engineers

Ms. Shelley has more than 20 years' experience in the design and construction of water, wastewater, and reclaimed water facilities. Her projects have included water and wastewater treatment plants, pump stations, lift stations, water transmission lines, wastewater interceptors, and force mains from preliminary planning and permitting through final completion and startup, as well as water and wastewater system master plans, and impact fee studies. She has effectively managed projects from conceptual design through startup. Ms. Shelley has held numerous leadership roles in her career, including senior project manager, vice president, and president. She has successfully operated her own business with a strong reputation of resolving complex issues and disputes. Ms. Shelley was recently named one of the top 30 2016 Profiles in Power by the Austin Business Journal.



Panelists

Barbara Bryson, EdD, FAIA, College of Architecture, Planning and Landscape Architecture, University of Arizona

(See Bio in "Keynote Presenter")



Morad Atif, Director and Professor, Architectural Engineering, Texas A&M University

Dr. Morad Atif has recently joined Texas A&M University's College of Dwight Look of Engineering as the Director of its Architectural Engineering Program and a faculty Professor. Over 2010-15, he was successively the Director-General of the Institute of Research in Construction at the National Research Council of Canada and the General Manager of its Construction Portfolio, as well as a member of the NRC's Senior Management Team. With strategic and management oversight and responsibilities over NRC Construction's technical and business resources and science & technology programs, he was also responsible for Canada's National Building Codes - Fire, Energy, Plumbing, and Farm Building- as well as responsible for the Canadian Construction Materials' Center. He led the development and implementation of four S&T & innovation programs (over \$ 150 M) on: high performance buildings, mid-rise wood buildings; critical concrete infrastructure; and building regulations for market access.

Friday, August 11, 2017
Topic 6: Project Planning

	<p><i>“Utility Master Planning – A Texas State University Case Study”</i></p> <p>Morgan Stinson, Vice President, EEA Consulting Engineers</p> <p>Mr. Stinson is a Vice President at EEA and is experienced in the design and construction of mechanical, plumbing and process utility systems for commercial, industrial, and institutional clients. His experience ranges across facilities as diverse as biopharmaceutical manufacturing, IT facilities, clean rooms, laboratories, commercial and institutional space, and resort facilities. He has an extensive background in commissioning building systems, and in energy conservation analysis of institutional facilities. Mr. Stinson is certified by the US Green Building Council as a LEED AP and by the AABC Commissioning Group as a Certified Commissioning Agent (CxA).</p>
 	<p><i>“Project Estimating and Budgeting – Art or Science?”</i></p> <p>Ash Bajaj, LEED AP, Project Manager, Hensel Phelps Construction</p> <p>Mr. Bajaj serves as Hensel Phelps's Management Representative who responds to all requirements and concerns of the client. He has extensive experience in developing and monitoring project master schedules, estimating, job cost reports, and establishing and implementing effective communication procedures for all team components. He has worked closely with a variety of corporate clients on a wide range of project types under various contracting methods including design-build, CM/GC, and fixed price. Recognized in the industry for his ability to isolate and resolve various design and compliance issues early in a project's evolution, his aptitude and expertise are evidenced in the many successful projects with which he has been involved.</p> <p>Cindy Jordan, Public Works Project Management, City of Austin</p> <p>Cynthia has 30 years' experience working for local governments in all facets of Project Management for Capital Improvement Projects. Cynthia has always been involved in all stages of complex project development by preparing budgets that ultimately are funded through local bond elections. She has extensive experience in developing project schedules; preparation of the request for qualifications (RFQ) for the consultant teams; provided assistance in the preparation of the building program and Owner's project requirements; assisted in stakeholder involvement; provided quality reviews for all deliverables; assisted in the preparation of bid documents; and provided oversight for all aspects of the construction phase.</p>
	<p><i>Moderator</i></p> <p>Ray Minjarez, City of Austin (See Bio in Topic 2)</p>

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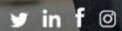
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- Don Hopkins, City of Austin*
- Julian Kang, Texas A&M University*
- Peter Koenig, GSA*
- David Trevino, City of Dallas*
- Richard Vella, City of Houston*
- Carol Warkoczewski, City of San Antonio*

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Carla Bingaman, Executive Director, Institute for Leadership in Capital Projects



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