



# AIA OKLAHOMA CONFERENCE ON ARCHITECTURE

NOVEMBER 8-9  
CENTRAL NATIONAL BANK CENTER  
ENID, OKLAHOMA



# DRAWING ON SUCCESS

AGC OF OKLAHOMA



2017 BUILDER OF THE YEAR

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## LETTER FROM THE PRESIDENT

### See you in Enid!

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Dear Colleagues:

Welcome to AIA Oklahoma's 22nd Annual Conference on Architecture. This year's theme is "Blueprints for a Better Oklahoma."

This year AIA National has been talking a lot about how we, as architects, can use our skills to create blueprints for better communities. So, we went looking across the county for architects who are making local impacts that can be repeated globally. Whether it's beautifying space with art, making communities more resilient to weather patterns and human factors, or finding ways to rebuild an entire community devastated by natural disaster, there are architects hard at work improving their communities.

From local economic development directors to an MIT professor studying the impact of population density and technology, to a celebrated architect with projects all over the world, we have something for everyone this year. We have sessions on business, materials, resiliency and plenty on design. Take a break from the conference center to check out one of our great tours and experience Enid in a whole new way. We have a downtown walking tour, as well as a bus tour of mid-century modern homes that you won't want to miss. Don't worry, you can still get 11 hours of HSW!

On Thursday evening, don't miss two exciting opportunities: a scavenger hunt around downtown Enid and our conference reception at Leonardo's Children's Museum. Join us in the petting zoo or at the life-sized Operation game... or relax with a beer and hear from the architects who designed the space.

I would like to thank planning committee members for their time, ideas and energy in planning what I know will be a great conference. Committee Members are Jack Morgan,



Josh Kunkel, Andrew Sedersten, Suzanne Bilbeisi, Robert Bogues, Leslie Goode, Michelle Morrow, Brad Thurman, Kristi Warren, and Darla Mullett, and the two that kept our efforts moving forward, the staff of AIA Oklahoma, Lindsey Ellerbach and Melissa Hunt. The committee members spent countless hours on conference calls, visiting possible venues and working the details so you might have a great experience.

Finally and most importantly, I would like to thank all of the Industry Partners and Sponsors of the Conference, without whose support we would not be able to hold this conference. I encourage each of you to take time during breaks in the conference presentations to visit these industry partners and thank them for their participation and support.

I hope that over the next couple of days, you will be inspired to join us in developing the "Blueprints for a Better Oklahoma."

A handwritten signature in black ink, which appears to read "C. Montgomery".

Catherine Montgomery, AIA  
President  
AIA Oklahoma



# SCHEDULE

## THURSDAY, NOVEMBER 8

8:30 — 9:30 A.M. REGISTRATION

9:30 A.M. GENERAL SESSION | KEYNOTE **1.0 HSW**  
DAVID SWANK—INNOVATION POINT

Innovation has always played a pivotal role within society but today with exponential technologies it is imperative that leaders confront these challenges and opportunities to ensure economic welfare for our businesses, communities and state. Innovation Pointe is a digital platform that recognizes the need for: A new business construct built on “platform” concepts and methods; Hyper civic and stakeholder engagement; Making places matter through capturing and harnessing converging technologies; and Structuring data to optimize critical infrastructure.

10:30 A.M. VENDOR TIME

11:10 A.M. BREAKOUT SESSIONS

A. CONNIE SCOTHORN, RLA, ASLA **1.0 HSW**  
NATURE AS IT COULD BE—A NEW LOOK AT  
LANDSCAPE ARCHITECTURE IN URBAN AREAS

The urban landscape is becoming increasingly paved and landscape development is focused on ‘meeting minimum ordinances’ rather than becoming places for people and supporting wildlife (birds, bees, butterflies, along with small amphibians and bats). The resulting monochromatic world is lacking regional identity. This presentation hopes to show a new way to incorporate native landscaping to support urban architecture in a way that is sustainable and maintainable into the future.

B. MIKE NESBIT & ROSS MILLER, ASSOC. AIA **1.0 LU**  
FLOOD—A COMMUNITY INVOLVED DESIGN  
COLLABORATION

This program will detail how a community-involved and locally inspired Art/Architectural installation (placed within a forgotten urban infrastructure) can promote design awareness and serve as a catalyst for positive urban renewal.



## 12:15 P.M. LUNCH—KEYONTE SPEAKER 1.0 HSW

CAROL ROSS BARNEY, FAIA  
CHICAGO RIVERFRONT & DESIGN

Think of Chicago's downtown River Theater as a grand urban gesture. The complex of steps, seating, and ramp overlooking the Chicago River and Carol Ross Barney is the architect behind it and the rest of the 15-years-in-the-making Chicago Riverwalk, which has transformed the city's main waterway into a dynamic public entity. Learn more about this project and the work for Carol Ross Barney during her luncheon presentation.

## 1:30 P.M. BREAKOUT SESSIONS

### C. JEANNE HOMER, RA 1.0 HSW LIFE SAFETY IN BUILDINGS, EMERGING TRENDS & TECHNOLOGY

940 reported building fire fatalities have occurred in the US to date in 2018, and the number of injuries, whether caused by fire or other reasons, is much higher. Changing sociological, cultural, environmental, and behavioral factors that impact life safety in buildings are being identified and some incorporated into new technologies. Factors can include poverty and increasing age, social dynamics, new tax incentives, and reduced city and state budgets. This presentation will highlight emerging technologies that address these factors that affect Oklahoma in particular, as well as identify how architects can better ensure safety through building design.

### D. SARAH GOULD, AIA, RAY VANDIVER, PH.D. 1.0 LU & JIM BOULWARE, AIA THE DISCOVERY LAB: A DESIGN EVOLUTION + COMMUNITY PARTNERSHIP

As a non-profit, The Discovery Lab, formerly The Tulsa Children's Museum, relies on community engagement to leverage limited financial resources for maximum result. With their move to The upcoming Gathering Place for Tulsa, this panel will showcase this key public project and will explore how multiple design solutions can result in a truly collaborative and successful project. This panel will include two of the architectural designers (Sarah Gould and Jim Boulware) and the executive director of The Discovery Lab (Ray Vandiver) to share and discuss the project's evolution. The panel will also discuss the benefits of working with such a large leadership team on a public, non-profit project.

### E. DOWNTOWN WALKING TOUR 1.0 LU

## 2:30 P.M. VENDOR TIME

## 3:00 P.M. BREAKOUT SESSIONS

### F. LARRY SHIPLEY 1.0 HSW DRYVIT—CONTINUOUS INSULATION & AIR BARRIERS FOR HIGH PERFORMANCE FRAMED WALLS

This program examines all IECC and IBC 2012 code criteria that influence the design and construction of building envelope framed walls as well as the challenges associated with the integration of continuous insulation (ci) behind traditional veneer claddings such as increased wall thickness and support structure, their direct increase to cost of construction as well as the coordination of air barrier compatibility and overall code defined fire performance requirements.

### G. KASHA EGAN, P.E. 1.0 HSW SPECIAL INSPECTIONS 101

The purpose of this presentation is to describe what special inspections are, the importance they play on the built environment and then discuss an overview of a few building case studies. Special inspections and construction observations have been a growing topic for discussion as safe rooms and storm shelters are now part of design standards more than ever before.

### 4:10 P.M. CLOSING SESSION | KEYNOTE 1.0 HSW BILL ZAHNER, HON. AIA ARCHITECTURAL METALS — THE COMPARATIVE DIFFERENCES IN APPEARANCE, PERFORMANCE AND VALUE

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There is a lot of confusion today on the value proposition one metal type offers in relationship to another. Appearance, performance expectations, cost, environmental impact all play a role in a designer's choice of material. William Zahner will give a tour of the 'periodic table' of those metals used in art and architecture and discuss the value proposition that each offers to the designer. Projects that have successfully incorporated aluminum alloys, copper alloys, steel alloys, zinc alloys, as well as titanium, will be presented and discussed.

## 5:30 P.M. SCAVENGER HUNT

### 6:00 P.M. RECEPTION AT LEONARDO'S CHILDREN'S MUSEUM



## FRIDAY, NOVEMBER 9

7:00 — 8:00 A.M. REGISTRATION

8:00 A.M. OPENING SESSION | KEYNOTE **1.0 HSW**

MIGUEL DEL RIO, AIA  
PUERTO RICO RISES—RECOVERY  
EFFORTS IN THE ISLAND OF  
ENCHANTMENT

Architects are taking action to rebuild Puerto Rico after Hurricane Maria slammed the island and left more than 3 million people without power and hundreds homeless or without roofs. Miguel Del Rio, an architect in Puerto Rico will share about the ongoing recovery efforts.

9:00 A.M. VENDOR TIME

9:40 A.M. BREAKOUT SESSIONS **1.0 HSW**

H. ILLYA AZAROFF, AIA  
LIVING BY THE NUMBERS 21ST CENTURY.  
DESIGN IS THE ANSWER

This presentation examines a startling cross section of occurrences, variables and parameters that define “Living” in the 21st century. The rise of risk coupled with disturbances due to environmental challenges across the world are exacerbated by underlying, pervasive issues that need to be recognized by the design community before adaptation and true resilience can be planned or achieved. Attendees will learn where design can be the solution in this thought provoking seminar and challenge your daily habits as they are measured against the dwindling resources of our world.

I. BRENT KISLING, ALBA N. WEAVER, & LYLE ROGGOW  
ECONOMIC DEVELOPMENT PANEL **1.0 LU**

Efforts to grow the economy of Oklahoma on a local level vary among the different geopolitical areas of the state. This panel will discuss the current climate for economic development from the perspective of northern Oklahoma, southern Oklahoma and from an Oklahoma utility. They will also discuss the use of incentives in the state and provide their vision of where the economic growth for rural Oklahoma will occur.

J. MID CENTURY MODERN  
ARCHITECTURE / HOME TOUR **1.0 LU**

**10:50 A.M. GENERAL SESSION** **1.0 HSW**  
ANTHONY VANKY, PHD  
CITIES & SPACES THAT SENSE  
AND RESPOND

The proliferation of digital devices and the telecommunication networks are impacting urban living and how we manage our cities. So too, the proliferation of data is availing a new, high resolution understanding of human society. How do these technological trends impact the everyday individuals and what opportunities are being created as a result? We discuss the rise of the smart and “sense-able” city and the ways we can use “big data” to understand and evaluate the environments in which we live. This presentation and discussion will reflect on the research at MIT that studies the interface between cities, people, and technologies, among others.

**12:00 P.M. AIA HONOR AWARDS LUNCHEON**

Join us as we recognize individuals and organizations who share AIA's commitment to the quality of life in Oklahoma. In addition, we will recognize this year's Leadership AIA graduates, scholarship award winners and AXP Friendly firm winners.

**1:10 P.M. BREAKOUT SESSIONS**

**K. ERIC ORLEANS, SCHLUTER SYSTEMS** **1.0 HSW**  
CHALLENGES & SOLUTIONS FOR TODAY'S  
CERAMIC TILE & STONE

Ceramic and stone tiles are beautiful and durable surface coverings, but today's construction environment presents a variety of unique installation challenges. This NON-PROPRIETARY Seminar will look at the history of tile installation and address both traditional methods and new technology. Topics that will be covered will include tile membrane advancements, movement accommodation, and controversial issues such as mold and questionable shower assemblies. TCA Handbook details will be discussed.

**L. JEFF ECHOLS, ASSOC. AIA** **1.0 LU**  
COMMODITY IS AS COMMODITY DOES

Learn why architects sometimes struggle to remain relevant in some clients' eyes and feel more and more commoditized. Learn to apply proven tactics, strategies and approaches to high-impact, communication that lead to more “yesses”. Learn to keep the clients you have and attract the ones you want.

**2:10 P.M. VENDOR TIME**

**2:40 P.M. BREAKOUT SESSIONS**

**M. KYLE LEE & SCOTT PRUITT, AIA** **1.0 HSW**  
ATG USA—LEVERAGING THE POWER  
OF LASER SCANNING

In this presentation we will discuss the benefits of utilizing laser scanning and point cloud data on projects for making more informed decisions during the design, pre-construction & execution processes. We will also discuss how this data can be used for producing highly accurate models and the value this brings to your client.

**N. BRAD TOMACEK, AIA** **1.0 HSW**  
INTIMACY & MAKING

This design presentation, a series of built and un-built projects, exposes a trajectory of investigation of unconventional methods of construction and situationally responsive design. Light and space are the built mediums, coupled with an intense design process focused on the exploration of materiality, tactility and the spirit of place. Working at various scales, with a multitude of construction techniques, we use the human body as our testing ground. Focusing on experience, site and the lasting impression of memory, Tomecek Studio crafts space specific to our unique clients and their sites.

**3:50 P.M. CLOSING SESSION | KEYNOTE** **1.0 HSW**  
EDWIN CHAN, AIA  
A CREATIVE JOURNEY

Edwin Chan, architect and founder of the Los Angeles-based collaborative design studio EC3, will present a lecture titled “a Creative Journey.” Edwin will discuss the Design Process from Concept to Execution; using examples from his experience at Gehry Partners to his current Cross-Disciplinary practice at EC3. As a design partner with Frank Gehry between 1985 and 2011, Edwin has led the design of some of the firm's most celebrated projects such as the Guggenheim Museum in Bilbao and the Foundation Louis Vuitton in Paris. Additionally, Edwin will present ongoing and recent projects at his current practice EC3 that is focused on creating spaces for arts and cultural, with works that engages design, architecture and urbanism of all scales in the US and abroad.



## ILLYA AZAROFF, AIA

Ilya Azaroff, AIA is an architect and educator with over 25 years experience, he is the founder of +LAB Architect PLLC And is a nationally recognized expert in resilient building measures and recovery systems. He often works with ASPR on the Federal Disaster Recovery Framework and ORR - New York City Office of Recovery & Resilience as a subject matter expert. Currently he works with FEMA/ANRC developing community resilience benchmarking and with the City of New York on the 2019 Hazard Mitigation Plan. Ilya holds an MArch & BArch from Pratt Institute and a BS in Geography & BSAS in Architecture from UNL. He is a Certified trainer for Cal EMA Safety Assessment Program as well as an instructor with NDTPC-National Disaster Training Preparedness Center in Hawaii. He serves on several boards including AIA New York State, and the SHADE institute. His studio is designing resilient prototype housing in New York working with FLASH - Federal Alliance of Safe Homes, #hurricanestrong. He is advising the recovery and rebuilding efforts in the US Virgin Islands, Puerto Rico and the Island Nation of Dominica. Ilya is a tenured Associate Professor at NYCCT New York City College of Technology (CUNY). In 2016 he received a CUNY service award and his lectures/articles can be found via TEDx, We are not alone, Connections Magazine June '15 Ahead of the Surge, ArchNewsNow What Does Recovery Look Like? And recently the AIA Disaster Assistance Handbook 3rd ed. In 2017 he was honored to receive the AIANYS Presidents Citation. Ilya is serving on the AIA National Strategic Council through 2018. He is looking forward to delivering the key note address to the International Body of the AIA in Singapore this coming November 2018.

## JIM BOULWARE, AIA

Jim is a Principal at KKT Architects, and the Design Architect on the The Discovery Lab project. His involvement in a project begins with determining the client's needs and developing a program that meets the functional and aesthetic goals of the space's end user. As an architect, Jim collaborates with the owners and project team to find innovative and creative solutions. With 15 years of experience, Jim has obtained extensive knowledge in all aspects of architecture. Jim leads the composition of the building and site design including master planning, programing, construction documents and construction administration. Jim has worked on a wide variety of architectural projects, covering the fields of education, hospitality, health care, commercial, parks and community centers, and government offices. His objective is to design and manage each project according to the client's needs and goals. Jim received his Bachelor of Architecture from Oklahoma State University.







### **EDWIN CHAN, AIA**

Edwin Chan received his Bachelor of Arts from the College of Environmental Design at UC Berkeley, and Master of Architecture from the Graduate School of Design at Harvard. After graduation, Edwin joined Frank O. Gehry & Associates in Los Angeles; and has collaborated with Mr. Gehry as Design Partner on many of the firm's most significant cultural and institutional projects, including the Opus Residential Tower in Hong Kong, China; an office building for Novartis International in Basel, Switzerland, The Danish Cancer Society Building in Aarhus, Denmark; the Guggenheim Museum in Bilbao, Spain, and the Foundation Louis Vuitton in Paris.

In 2013, Edwin launched his independent architectural and design studio - EC3. Based in Los Angeles, EC3 is founded on the principle to Empower Cross-disciplinary Collaboration in Creativity and embraces a vision for professional practice that transcends culture and geography. Edwin Chan's experience overseeing the design and construction of more than 3,000,000 square feet of cultural, institutional, workplace, urban design, and residential projects informs EC3's design approach to balance the practical and theoretical considerations of implementing projects worldwide.



### **MIGUEL DEL RIO, AIA**

Miguel Del Rio is a principal at Del Rio Arquitectos, CSP, a design firm specializing in residential, mixed use and hospitality projects. His work has been published and recognized with several design awards in Puerto Rico and abroad. He was just interviewed for AIA's Blueprint for Better Seed Film for his community engagement efforts in PR post Hurricane Maria and Irma.

Miguel earned a bachelor of science in art and design from MIT in 1992 and a master's degree in architecture from MIT in 1997, which included courses at Harvard's Kennedy School of Government, and Harvard's Graduate School of Design.

He is a design professor at the University of Puerto Rico's School of Architecture and previously taught at the Polytechnic University Architecture School. He has volunteered time to mentor to AIAS UPR and AIAS Polytechnic chapters and has led student teams on various design charrettes.

Miguel is an AIA Richard Upjohn Fellow and has held several leadership positions within the AIA at local, regional and national level. He is also an active member of the Colegio de Arquitectos y Arquitectos Paisajistas de Puerto Rico.

### **JEFF ECHOLS, Assoc. AIA**

Jeff Echols has the unique ability to drill to the heart of an organization's purpose and use that fire to forge messaging that not only wins more work, but guides the entire organization. In times of velocity and uncertainty, Jeff's unique experience earned over more than two decades in the architecture industry is a calming force that helps leaders understand how to win in today's highly competitive arena by activating their prospects to make better and faster decisions. His speaking clients have included American Institute of Architects (AIA), Construction Specifications Institute (CSI), and Society for Marketing Professional Services (SMPS).





### **KASHA EGAN, P.E.**

Kasha Egan, PE, SE has over 10 years of experience in the field of structural engineering and is an Associate at Wallace Engineering in Oklahoma City. She received her Bachelor of Science in Architectural Engineering from the University of Oklahoma and a Master of Science in Civil Engineering-Structures from Drexel University. She is a licensed Professional Engineer in Virginia and licensed Structural Engineer in Oklahoma. Kasha is a member of Oklahoma Structural Engineers Association and Urban Land Institute.

Kasha's project management and engineering design experience includes a variety of building types including laboratories and healthcare facilities, commercial and retail developments, residential buildings, educational facilities and maintenance facilities. Kasha has a passion for the industry and built environment; a newly developed focus for her has been educating clients and building owners on the importance of special inspections and their effect on the construction process and the end product, the building.



### **SARAH GOULD, AIA**

As an Owner and Principal at KKT Architects, Sarah Gould leads the company in all aspects of building and site design, including master planning, programming, construction documents, and construction administration. Sarah has a wide range of experience including civic, non-profit, Pre-K-12 and higher education facilities, office, healthcare, commercial and community service projects.

Sarah received her undergraduate degree from the University of California Los Angeles where she graduated Summa Cum Laude. She holds a Masters in Architectural Urban Studies from the University of Oklahoma in Tulsa, and a Masters in Architecture from the University of Texas, Austin, where she taught architecture and design courses for 3 years. Sarah is committed to a lifetime of learning, and is known for her determination for personal and professional growth, as well as enhancing and encouraging the development of those around her. Currently, Sarah serves on the State Board for the Association for Learning Environments and the Foundation for Tulsa Public Schools. She is a scheduled speaker for Visioning Sessions and Client Engagement workshop at the AIA Conference on Architecture 2018 in New York City.

### **JEANNE HOMER, AIA**

Associate Professor Jeanne Homer earned her BS degree from the University of Illinois and her MArch at Arizona State University. She is a practicing architect and teaches architecture at Oklahoma State University. Jeanne's scholarship is collaboration, integration of systems, and emergency egress systems in the Comprehensive Studio. She has recently completed courses and will be giving a professional workshop at the National Fire Academy.

Dr. Bryan Hoskins is an Assistant Professor of Fire Protection & Safety at Oklahoma State University. He earned his BS and MS degrees in Fire Protection Engineering from the University of Maryland, and his PhD degree in Mechanical Engineering from the University of Maryland. Dr. Hoskins has authored many publications related to human behavior during emergencies and is an active member of SFPE and NFPA.





### **BRENT KISLING**

Brent Kisling is a husband, dad, deacon, and public servant. Born and raised on a farm and ranch in rural Northwest Oklahoma, he graduated from Burlington High School and then attended college at Oklahoma State University where he graduated with a Bachelor's Degree in Agribusiness. He was the Outstanding Graduate from the College of Agriculture and served as the State FFA President.

Following graduation, Brent went to work for U.S. Senator Jim Inhofe and worked as his Field Director while assisting the Senator with agriculture and economic development issues.

In March of 2001, he was appointed by the George W. Bush Administration to be the State Director for USDA Rural Development in Oklahoma. While working all 8 years with the President's administration, he oversaw the rural housing, utilities, and business programs state-wide.

For 13 years, Brent and his wife owned and operated Maple Place Bed and Breakfast in downtown Enid. When they sold the business in 2012, it had become the largest bed and breakfast in the state with 4 houses and 10 rooms.

In March of 2009, Brent was named as the Executive Director of the Enid Regional Development Alliance. The mission of the Alliance is to ensure quality job growth through the expansion and retention of existing businesses and the recruitment of new industry to Enid and Northwest Oklahoma.



### **KYLE LEE**

Kyle has been with ATG USA for just over 4 years. He is an Industry Account Executive serving Arkansas, Louisiana, and the Memphis Metro area. He is also the Construction Management Advisor serving the Southeastern region of the U.S. Kyle came to ATG with 12 years previous experience in the electrical distribution industry. All of his adult work experience has been in construction related fields and industries.

### **ROSS MILLER, ASSOC. AIA & MIKE NESBIT**

Mike Nesbit is an architectural designer and fine artist based in Los Angeles. With a background in architecture, his multidisciplinary trajectory greatly informs his artwork, allowing Nesbit to bridge art and architecture while exploring technique, repetition, and representation in unique ways. Nesbit has participated in solo and group shows across the country. His recent exhibitions include FLOOD, which has been extended for prolonged view in Omaha, NE; PHLAT BLUES at Wedge Gallery in LA, and TEXTURED BLUE in collaboration with Thomas Prinz in Omaha, NE. Nesbit is the featured artist in the Marriott's upcoming documentary project showcasing local placemakers in Downtown LA; the forthcoming film highlights Nesbit's work and creation process. He received a Bachelor of Architecture degree from the Southern California Institute of Architecture in Los Angeles and played four years of professional baseball with the Seattle Mariners.

Ross Miller, Assoc. AIA is a Principal of FormGrey Studio in Omaha, NE, Project Manager for Mike Nesbit Studio, and the Associate Director of AIA Omaha. He has led AIA Omaha's Lecture Series for the last five years, propelling the series into one of the largest AIA lecture series in the country, featuring world renowned architects and designers. Miller has received numerous honors and recognition for his work in architecture and design, including the 2016 AIA Associates Award and the 2016 University of Nebraska, College of Architecture Friends Association Young Alumni Award. In 2017, Miller was conferred the Louise Blanchard Bethune Fellowship for his contributions to the architecture profession through his service on the AIA Strategic Council and currently serves on the AIA National Board of Directors as the 2018 Associate Director. He received a Master of Architecture degree and MBA degree from the University of Nebraska – Lincoln.





### **SCOTT PRUITT, AIA**

As a registered and professional architect, Scott has diverse experience and knowledge of all phases of the design process. He has been supporting, training, and working with latest Autodesk software for over 20 years. Experienced in Autodesk building design and cloud solutions he is positioned to offer training and support from the fundamental level up to advanced and custom training.

Scott ran his own architectural firm in addition to working for other leading firms across Arkansas. He has been a project manager for various projects including historic preservation, custom single and multi-housing, commercial and retail development and building rehabilitation and renovation.

Scott is dedicated to the building design industry and with his intimate knowledge of Autodesk solutions, the BIM process, and he understands not only the day to day requirements of the job, but also the success of efficiently implementing advance design technology.



### **ERIC ORLEANS**

In the Flooring industry for 18 years, I got my start installing tile. Operated my own tile installation company for 5 years with a heavy emphasis on proper installation methods on both floors and walls in new construction and high end remodels. Moved into a sales role thereafter, selling tile, stone and schluter systems to new construction accounts in the Oklahoma City market. Have installed or sold schluter systems innovative, problem solving products for over 16 years, and have been the Oklahoma/NW Texas territory manager at Schluter Systems for 3 years, working with installers in the field and speaking at architectural/design firms all around the state of Oklahoma and West Texas.

### **LYLE ROGGOW**

Lyle Roggow grew up on a farm near Garber, Oklahoma and was active in FFA. He graduated from OSU with a degree in Agriculture Economics in 1984 and was a member of Sig-ma Chi fraternity. Following college, he traveled to West Germany to work on farming operation. After returning from his six-month work/study program, he began his career in Shawnee, at Gordon Cooper Technology Center in 1985 as the Farm Business Management Program Coordinator. He spent 13 years assisting farmers in achieving their goals and educating them on best businesses practices. While in Shawnee, he served on the Shawnee Chamber of Commerce, Oklahoma Teacher Preparation Commission, Regent to Seminole State, Tecumseh Chamber of Commerce and many more activities. In 1998, he returned to the family farming operation. Lyle served as a member of the Oklahoma Health Care Authority from 1998 until 2012 and was the Chairman of the Board. In 2000, he became a Regional Director for the Oklahoma Department of Commerce serving the Northwest region and the North Central region. In January of 2005, he began working for Meridian Technology Center in Stillwater as the Community and Economic Development Specialist and Assistant Incubator Manager. In October 2006, Lyle became President of the Duncan Area Economic Development Foundation. He is the past chairman of the Governors Economic Development Marketing Team, past Chairman of Oklahoma Professional Economic Development Council, a current member of the Incentive Evaluation Commission, member of IAMC and IEDC. Lyle is married and, he and his wife Kim, have four children. Kim is a small business owner.







## CAROL ROSS BARNEY, FAIA

Carol Ross Barney, FAIA, has been in the vanguard of civic space design since founding Ross Barney Architects in 1981. With a career that spans over 40 years, Carol has made significant contributions to the built environment, the profession, and architectural education. As an architect, urbanist, mentor, and educator, she has relentlessly advocated that excellent design is a right, not a privilege. Her body of work occupies a unique place within the panorama of contemporary architecture, being exclusively composed of work in the public realm. Carol's projects vary in type and scale, but uphold a deep commitment to the role architecture plays in life quality. This has manifest itself in spaces that transition urban dwellers from point A to point B and enrich the metropolitan experience; to buildings that are environmental stewards, showcasing sustainability in an overtly compelling way; to spaces that inspire young children and the brightest minds of tomorrow to learn, invent, and break boundaries.

Ross Barney is a graduate of the University of Illinois. Following graduation, she served as a U.S. Peace Corps volunteer in Costa Rica planning national parks. She teaches an advanced Design Studio at IIT and serves on their College Board of Overseers.

Carol's work has been honored with over 100 major design awards, including six national American Institute of Architects Institute Honor Awards, over 40 AIA Chicago Awards, two AIA Committee on the Environment (COTE) Top Ten Project Awards, and the AIA Chicago Lifetime Achievement Award, the AIA Thomas Jefferson Award for Public Architecture and the AIA Illinois Gold Medal, all for a distinguished body of work. She was named as a "Gamechanger" by Metropolis magazine in 2018.

For nearly two decades, Carol's studio has been working along Chicago's Rivers. These efforts include the design of the Chicago Riverwalk and studies on all one-hundred-and-fifty-miles of riverfront across the city. The goal: reconnect people with the dynamic and changing life of the City's natural resources.

Other Notable projects include the McDonalds' Chicago Flagship Restaurant, CTA Cermak-McCormick Place and CTA Morgan Street Stations, Jewish Reconstructionist Congregation Synagogue, James I Swenson Civil Engineering Building, Oklahoma City Federal Building, Bloomingdale / 606 Trail Master Plan, and design of schools for Chicago and communities across the country.



## CONNIE SCOTHORN, RLA, ASLA

Connie Scothorn has been a licensed Landscape Architect in the State of Oklahoma for over 30 years. She is the founding principal CLS & Associates, LLC, which began in 1999 in Oklahoma City.

Connie has a background as a landscape contractor and an owner's representative, which gives her special insight into site design to create a maintainable and sustainable project. She has designed thousands of projects from small residential gardens to master planning of city wide parks and streetscapes.

CLS & Associates, LLC provides landscape architectural consulting services to communities, property owners and managers, architects and engineering firms throughout the state. The company has received many awards for design from the Oklahoma Chapter of the American Society of Landscape Architects. In the past 10-15 years, the firm has focused their design work on using native plants and materials for increased success and improvement of the environment.

Connie has served on the State of Oklahoma Board of Architects and on the Oklahoma City Downtown Design Review Committee, along with other boards and committees. She has recently been accepted in The Nature Conservancy's Leadership Academy.

## LARRY SHIPLEY

Before devoting his work fulltime to Dryvit Systems Inc., Larry has had an extensive background in the Plastering, Stucco and EIFS Industry. His experience includes the last three years at Dryvit as Director of Sales West, and previously twenty-five years with Sto Corp. During this time Larry has supported and led in sales, technical and management positions. He has understandings of the U.S. markets and is experienced covering the Midwest, Southwest, Northwest, Rocky Mountain States, Alaska and Hawaii. Over his career, Larry has conducted hundreds of classroom trainings, presentations and seminars for small and large groups of industry leaders. Topics range from EIFS, Continuous Insulation, Air and Moisture Barrier and Sales Skills. Larry recognizes that no single approach is the right way for every job and his training in many modalities enables effect results.





## DAVID SWANK

David Swank, CEO of Central Electric Cooperative, believes the statement, "The best way to predict the future is to create it." He sees new technologies as opportunities to empower individuals and create quality of life for those within the community.

Advanced technology like drones, robotics, renewables and smart grid technologies are nothing new to Swank. Under his direction, Central has implemented the use of unmanned aerial vehicles to aid in line inspection and disaster relief. As residential and commercial solar arrays have gained popularity, rather than fearing the competition, Swank believed a solar array on Central's campus could aid in research and analysis. Installation of smart grid technologies have allowed his team to gather data points that will aid the development Central's service area.

Swank's leadership and collaborative spirit has helped innovate community solutions. The planning framework, Smart Community Source has helped leaders learn about the importance of smart infrastructure and how we might leverage it for our future. Swank has been influential in creating Innovation Pointe Cooperative, a model that will use the cooperative structure as a platform in communities

Swank contributes much of his innovative thinking to the electric cooperative network and to the leaders he surrounds himself with. Swank seeks to learn continually and apply his knowledge to end results. He believes communities and people deserve the conveniences afforded by innovation and its value to society.

Before becoming the CEO at Central Electric Cooperative in 2005, Swank was CEO at Grundy Electric Cooperative in Trenton, Missouri and President of Gekl Technologies, Inc in Kansas City, Missouri. He is a graduate of William Woods University with a bachelor's degree in business management. Swank and his wife, Renee, have two daughters and enjoy the Stillwater community. Swank serves as a board member for the OSU Cowboy Technologies Board and the Oklahoma State University Research Foundation Board. He has been involved as Chair of the Stillwater Chamber of Commerce, a member of the Stillwater Economic Development Council, a YMCA board member, and a managing member of the NESI-SES OSU Collaboration.



## BRAD TOMACEK, AIA

The founder of Tomecek Studio Architecture, Brad graduated from the University of Florida with a Bachelor of Design and Masters of Architecture. He worked in smaller award winning firms in Colorado and Florida before launching the studio. His work has been featured in Architectural Record, Architect, Builder Magazine, international books and local magazines.

Brad is actively involved with the local AIA and serves on the AIA Denver Board of Directors. His outreach takes the form of speaking nationally on methods and manifestation of meaningful projects. Currently Brad combines practice with teaching at the University of Colorado. His explorations blur the boundaries between poetic solutions and innovative building systems. He has been presented with over 45 AIA awards including the AIA National Young Architect Award, the AIA Denver Medal of Achievement and his firm recently received the AIA Colorado Innovative Practice honor award.

## RAY VANDIVER, PHD

Dr. Ray Vandiver is the executive director of the Tulsa Children's Museum (TCM). Ray has been a leader in informal education and interactive exhibit design for over 25 years. Millions of people, all over the world, have enjoyed the exhibits developed by Ray over his career. Ray holds his doctorate in experimental atomic and molecular physics. His areas of academic interests are optics, lasers, gas discharges, and quantum mechanics. Ray is also an artist and musician.





### ANTHONY VANKY, PHD

Anthony Vanky, Ph.D. is a lecturer in Urban Design and Planning at the Department of Urban Studies and Planning at the Massachusetts Institute of Technology (MIT). He also currently serves as the programs director for MIT designX, the academic platform dedicated to advancing innovation and entrepreneurship in design, cities and the human environment. Until recently, Anthony was also a project lead at the MIT Senseable City Lab. He also served as the Lab's partner and outreach strategist, where he connected companies' and governments' interests in smart cities to the research of the Lab and MIT. Further, Anthony's own research considers the use of digital data and pervasive sensing technologies in designing, planning and evaluating urban environments, and spans the disciplines of urban design, urban technologies, innovation studies, and public health.

Anthony has widely presented on topics of design, technology, and urbanism including at Harvard University, the British Government, and several dozen private and public organizations. He has published in a number academic and popular publications, including Metropolis Magazine and the American Institute of Architects. Anthony holds prior degrees from the MIT and Tulane University. Trained as an urban designer and architect, he has worked on projects across the United States, and his design work has been exhibited widely, including at the Venice Biennale, the Dutch Design Week, the Gwangju Design Biennale, and New Orleans DesCours. Anthony has also previously served in national leadership capacities on each of the five governing organization of the architecture profession in the United States, including the American Institute of Architects (AIA) and as National Vice President of the American Institute of Architecture Students (AIAS).



### ALBA WEAVER

Alba N. Weaver serves as Manager of Economic Development for OGE Energy Corp. In her role, she oversees the planning and direction of activities to improve the economy of the organization's service territory by supporting economic and community development strategies and programs across the 30,000 square mile OG&E Electric Services service area to improve the overall effectiveness of OG&E's effort to create and keep jobs. She is also responsible for the management and coordination of the Company's economic development efforts and associated promotional activities to encourage business locations and/or expansions. OGE is one of the few electric utilities with a full-time team dedicated to retaining and expanding current businesses, as well as developing and attracting new industries in the areas they serve.

She brings twenty-five years of comprehensive experience in economic development to her position, with a demonstrated history of working in the economic development and utility industry, customer needs analysis, staff training, presentations, negotiations, international business counseling and program development and implementation. Ms. Weaver has also performed extensive bilingual international business consulting specializing in the Central & South American markets.

She and her husband, Matthew, and daughter, Sofia, make their home in Oklahoma City.

### BILL ZAHNER, HON. AIA

L. William Zahner is the CEO/President of A. Zahner Company, a 121-year-old architectural metal engineering, fabrication, and installation company headquartered in Kansas City, MO. Known for their innovative approach to producing unique surfaces in metal, the Company pushes the limits of art and architectural forms through collaborating with those who dare to boldly imagine the future.

William has earned a Bachelor of Science Degree in Civil Engineering from the University of Kansas. He has authored two books published by John Wiley & Sons: Architectural Metals; A Guide to Selection, Specification and Performance and Architecture Metal Surfaces. Among William's numerous honors, he received the Copper Metal Award by Associazione Italiana Di Metallurgia, Honorary AIA Membership, and Distinguished Engineering Service Award from the University of Kansas.

William serves on several Advisory Boards including University of Kansas School of Engineering, Kansas City Design Center, Nerman Art Museum, and Comfort the Children International.







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