

Paul G. Bakalis, AIA, NCARB, CSBA
Augspurger Komm Engineering, Inc.
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www.akeinc.com

EDUCATION

B.A. in Architecture, University of New Mexico, 1977
Advanced Learning Environment Planner, San Diego State University (graduation June, 2020)

EXPERIENCE

Mr. Bakalis has over 40 years of experience in building and site architecture, engineering, and construction.

His experience is applied to building and system assessments, forensic investigations and causations, analysis of human factors, construction means and methods, site/building safety and risk mitigation plans, and sequence and schedule of workforce and materials.

Projects include public and private facilities in healthcare, higher education, life sciences, technology, industrial/manufacturing, public assembly, commercial, and residential.

PROFESSIONAL REGISTRATION

Accredited Learning Environmental Planner (ALEP) San Diego State University/A4LE 2020
CSBA (*Certified Sustainable Building Advisor*) 2011
Certified Energy Manager (coursework completed)
National Council of Architectural Registration Boards (NCARB) # 32491
With reciprocity through NCARB to practice in all 50 contiguous United States
State of California, Architectural License #19559
State of Arizona, Architectural License #29190
State of Michigan, Architectural License #1301028698
OSHA 10 and 30 Certified #600021016
CPR and First Aid Trained

PROFESSIONAL AFFILIATIONS

Member, American Institute of Architects #30019404
Member, Sonoran Sustainability Building Advisor Program
Entrepreneur in Residence; ASU, Sky Song Technopolis
Past Member, Society for College and University Planners (SCUP)
Past Member, Greater Phoenix Economic Council
Past Member; Phoenix Community Alliance
Past Member, UA Medical School Advisory Committee
Past Member, Association of Energy Engineers
Past Member and Business Coach, New Century for Collaboration
Past Member, Arizona Small Business Association
Past Member, American Society of Healthcare Engineers #8111641
Past Member, Human Factors and Ergonomic Society

PRESENTATIONS

Presenter; K12 Forum, "Effective Capital Management", November, 2019
Presenter; SXSW EDU, "Designing Engaging Learning Environments", March, 2019
Presenter; K12 Forum, "Effective Project Delivery Methods", November, 2017
Presenter; AASBO, "Partner and Advocate, Never Adversary", April, 2017
Presenter; BD Build, "Two Sides of the Coin", Operations and Business Development, April, 2016
Presenter; SCUP, "Creating Interdisciplinary, Collaborative Learning Environments", January, 2016
Presenter; Accredited CLE, "Human Factors, Perception, Expectation, Accommodation
Keynote Speaker; "Winning Customers for Life", Turner West Regional Sales Conference

CONTINUING EDUCATION

Achieving Performance and Aesthetics w/Engineered Building Enclosure Solutions, May 17, 2022
Specification Strategies to Eliminate Concrete Moisture, May 17, 2022
NFPA 285 Exterior Wall Fire Testing, Design and Compliance, May 11, 2022
Polyiso The Next Generation Air & Water Resistive Barrier, June 1, 2022
Single Skin Metal Siding June 22, 2021
Function and Form Cementitious Coatings, May 19, 2021
Complete Approach to Rainscreen Design, May 18, 2021
The Specifiers Guide to Frameless Railing Solutions, May 18, 2021
ADA Signage Mastering the Compliance Basics, April 27, 2021
Allegion Touchless Hardware ADA certificate of Completion, April 14, 2021
Metal Roofing History Material and Applications, March 31, 2021
Resinous Floor and Walls- Performance, Applications and Installation, March 24, 2021
The Building Science of Floor Systems, November 11, 2020
The Future of Fire-Rated Glass and Framing, October 14, 2020
Mineral Wool IMPs: Sustainable Fire Resistance Construction, September 23, 2020
Firestop 101: Firestop 101: A Life Safety Issue, September 15, 2020
Operable Glass Walls for Flexible Interior Space Division June 4, 2020
Inclusive Playgrounds: Designing Spaces to Bring Children & Communities Together, June 3, 2020
Metal Roof Systems: Design & Installation Considerations May 21, 2020
COVID19 Health Care Operations: Implications & Actions from COVID-19, April 14, 2020
Improved Public Amenity, Integrated facade and safety barriers for the parking sector, February 19, 2020
Assessment and Maintenance of the School Facility, January 19, 2020
The ADA: Can We Get It Right After 30 Years?, June 8, 2019
How Accessible Means of Egress Create Safe, Meaningful Space, June 7, 2019
Managing Moisture and Thermal Performance with Continuous Insulation, April 28, 2017
SBS Roofing Technology and Design, April 27, 2017
Wood Treated Products by Hoover, December 12, 2016
Integrated Drainage Systems in Tile Floors by Schlüter-Systems L.P., January 21, 2016
Daylighting and LEED Credits by Kalwall and Structures Unlimited, December 17, 2015
Acoustical Plaster by Fellert North America, November 12, 2015
Sikalastic Deck Pro/Roof Pro School & Training, May 15, 2015, Phoenix, AZ
Exploring & Applying the Seven Principles of Universal Design, October 16, 2014
Architectural Metal in Building Design by Firestone Building Products, July 8, 2014
Understanding the Art of Quartz by Hanwha L and C Surfaces, March 19, 2014
Interior Design, Your Design Rights: Defining and Protecting Your Rights, August 26, 2013
Interior Design, the Ins and Outs of Wool Felt, August 22, 2013
Holistic Medicine: The Continuum of Outpatient Care, August 20, 2013

CONTINUING EDUCATION – Con’t

Experts: Liability Issues for Expert Witnesses (TASA) Webinar, August 6, 2013
American Disabilities Act Updates, Access Standards for Evacuation Routes, June 22, 2013
ADA, 2013 Access Standards for Playgrounds, June 3, 2013
ADA, 2010 ADA Standards of Accessibility Design and How they Relate to Signage, May 8, 2013
Smalley and Associates, Waterproofing below grade structures and air barriers/waterproofing above grade structures, May 3, 2013
The University of Arizona Medical School, Aging, Changing, and Caregiving, April 4, 2013
High Performance Roofing Systems, Optimized Insulation, Architectural Metal Roofing & Daylighting Services, Firestone Building Products, December 6, 2012
Construction Specifications Institute National Conference and Trade Show, September 12, 2012
Glass, processing artistic glass wall panels for use in the human environment. March 29, 2012
Opening and hardware requirements of the ADA, November 2, 2010

PUBLICATIONS

CEO of the Year 2019 (Top 3), Phoenix Business Journal
"New Learning Environments" 2019 Annual Report School Facilities Board
Governor's Good Government Award, Advancing Technology to Distribute Funding Effectively
Presenter, "Creating Interdisciplinary, Collaborative Learning Environments", SCUP Pacific Conference 2016
"Design Firm uses Team Management" Traverse City Record Eagle
"Fast Track to the Future", Traverse the Magazine
Video montage of Personal Works displayed on ABC network affiliate
Who's Who in Interior Design, Baron's Who's Who

BOARDS AND APPOINTMENTS

President Emeritus, Association for Learning Environments
Champion JEDI (Justice, Equity, Diversity, Inclusion) Association for Learning Environments
President Emeritus; National Council for School Facilities
Past Member, UA Medical School Advisory Committee
Past Board Member; Phoenix Community Alliance
Past Board Member; Greater Phoenix Economic Council
Past Board Member; YoungLife

EXPERIENCE HISTORY

2012 -	Augspurger Komm Engineering	Senior Consulting Architect
2008-	Proteus West, LLC; Architecture and Engineering	Principal
2016-2020	Arizona School Facilities Board; K12 Capital Funding	Executive Director
2007-2008	Carter Burgess; Architecture and Engineering	Group Manager
2004-2007	Gilbane Building Company; Construction Management	Project Executive
2001-2004	Turner Construction; Construction Management	Project Executive
2000-2001	Carlson Technology; Design Build Operate	Project Executive
1996-2000	SmithGroup; Architecture and Engineering	Sector Leader
1990-1996	Giffels Associates, Inc.; Architecture and Engineering	Vice President
1985-1990	Blount Engineering, Inc.; Architecture and Engineering	Project Executive
1979-1985	Designworks; Architecture and Interior Design	Principal
1977-1979	DFC Architecture; Architecture and Interior Design	Design Principal

PRODUCT HISTORY

- Healthcare

- Net-Zero Energy Medical Mixed-Use Development Phoenix, AZ
- Arizona Department of Administration Forensic Hospital Phoenix, AZ
- Pima County Kino Community Hospital, Psychiatric Hospital and Crisis Recovery Center Tucson, AZ
- North Peoria Ambulatory Care Center North Peoria, Arizona
- IASIS Healthcare. St. Luke's Medical Center Medical Office Building Phoenix, Arizona
- Scripps Healthcare Southern California
- Emergency Consultants Urgent Care Traverse City, MI

- Education

- SK-12 Nogales USD Roofing/Wall water intrusion Assessments, Nogales, AZ
- 9-12 AquaFria USD Mechanical System Upgrades, Structural Reinforcement and Roofing Assessment, Peoria, AZ
- Net-Zero Energy Student Housing Project Phoenix, AZ
- Northern Arizona University, Gateway Student Success Center Flagstaff, AZ
- Arizona State University, Student Union Mesa, AZ
- Arizona State University, Gateway Center Tempe, AZ
- Central Michigan University, Music Building Mount Pleasant, MI
- Oakland University, Science and Technology Center Auburn, MI
- Macomb County Community College, Vocational and Technology Facility Warren, MI

- Research and Development

- Chrysler Corporation, Product Research and Development Center Detroit, MI
- Johnson Controls Automotive Group, Research and Development Center Plymouth, MI
- Ford Motor Company, Scientific Research Laboratory Dearborn, MI
- Upjohn, Virology Laboratory and Animal Research Center Dearborn, MI
- W L Gore, Biotechnology Initiative and Research Flagstaff, AZ
- US Army Corp of Engineers, TACOM Automated Data Processing Center Warren, MI

- Commercial

- Phoenix Sky Harbor Airport, Checked Baggage Explosion Detection Screening Systems Phoenix, AZ
- Transportation Security Administration (TSA), Passenger-side Screening Systems Upgrade (Phoenix, AZ; Las Vegas, NV; San Francisco, CA; La Guardia Airport, NY; Houston, TX; Chicago, IL)
- Detroit Building Authority, COBO Hall International Convention Center Detroit, MI
- Northern Michigan Office Furniture, Retail Center Traverse City, MI
- St Claire Shores, Regional Transportation Center and "Park and Ride" lot St Claire Shores, MI
- City Bank and Trust, Branch Renovations Jackson, MI
- First of America Bank, Consolidation and New Operations Center Royal Oak, MI
- Coastal Development Company, Harbortowne Traverse City, MI
- Boardman Riverfront One Traverse City, MI
- Old Fire Station Number One, Historic Restoration Traverse City, MI

PRODUCT HISTORY- Con't

- Industrial
 - General Motors Corporation Automotive Manufacturing Plant Saltillo, MX
 - MidwestCo Electronics Manufacturing Plant Nogales, MX
 - Weyerhaeuser Company Box Manufacturing Plant Quanaquarto, MX
 - TRW Vehicle Safety Systems, Inc., Mesa, AZ
 - Chrysler Corporation, Mack Ave. Engine Manufacturing Facility Detroit, MI
 - Chrysler Corporation, Kenosha Engine Manufacturing Facility Kenosha, WI
 - Intel Corporation, Project Management Improvement Process Chandler, AZ

- Telecommunications
 - MCI/WorldCom, Phoenix, AZ
 - Schwab Financial Services Data Center Chandler, AZ
 - Schwab Financial Services Data Center, Phoenix, AZ