



Nicholas (Nic) Arens, P.E. GeoEngineers, Inc. 2155-A W. Chesterfield Street Springfield, MO 65807 (417) 576-1719 narens@geoengineers.com

Professional Biography

Nic is a Senior Geotechnical Engineer in GeoEngineers' Springfield, Missouri, office and brings 10 years of experience in the A/E/C industry. Nic has been providing geotechnical engineering services on transportation projects throughout Missouri. He provides project management, field services and oversight for subsurface investigations, laboratory testing, geologic investigations, and unmanned aircraft system surveying. Nic brings experience working on MoDOT projects, including the Route 86 Long Creek Bridge Replacement, replacement and rehabilitation of 19 bridges along I-44, and the I-270 North Design-Build project, to name a few.

Personal Biography

In his free time, he and his family love to take care of their hobby farm, work on creative projects and spend time with friends and family.





Ben Asnicar, P.E. Burns & McDonnell 9400 Ward Parkway Kansas City, MO 64114 (913) 484-9645 basnicar@burnsmcd.com

Professional Biography

Ben currently serves as a project manager on transportation infrastructure projects for Burns & McDonnell, a 100% employee-owned, multi-national engineering, architecture, and construction company headquartered in Kansas City. He also provides leadership to regional sales and marketing efforts for the Transportation practice. He joined Burns & McDonnell after graduating in 2007 from Kansas State University with a Bachelor of Science in Civil Engineering and started as a structural engineer focused on oil, gas, chemical, and manufacturing projects. In addition to designing structures and foundations, he spent extensive time in the field observing, inspecting, and facilitating construction activities as quality manager on a \$400 million power plant retrofit project. Ben also served as a project engineer on a \$100 million manufacturing facility upgrade project where he gained experience coordinating multi-discipline project teams across multiple locations. Along the way, he earned both licensure (Civil Engineer in Kansas) and a Master of Science in Engineering Management from the other university in Kansas. In his current role, He provides business consulting, change management, and strategic communication services for surface transportation projects and clients across the country including municipalities, corporations, departments of transportation, and national organizations. He is also responsible for coordinating and managing project cost, schedule, and quality across various departments involved in a project. He is a member of ACEC Missouri's Alternative Project Delivery Forum and a 2022 graduate of Leadership Overland Park (KS).

Personal Biography

Ben and his wife, Emily (also a civil engineer at Burns & McDonnell), enjoy cheering on K-State and Kansas City sports teams, watching crime dramas, and traveling. On the weekends, they can be found chasing their three kids, Libby (10), Caleb (6), and Luke (4), around the playground, chauffeuring them between activities, or enjoying family bike rides.





Wes Bolton, P.E. Allstate Consultants LLC 3312 LeMone Industrial Drive Columbia, MO 65201 (573) 875-8799 wbolton@allstateconsultants.net

Professional Biography

Wes currently serves as a Project Manager with Allstate Consultants, a consulting engineering firm headquartered in Columbia, MO. He has been with the Allstate team since 2003 and is responsible for a wide variety of engineering design including private land development, street design, intersection design (conventional and alternative), storm system design (including detention and water quality modeling), traffic flow modeling, traffic studies, and forensic investigation. Wes received his Bachelor of Science and Master of Science degrees from the University of Missouri – Columbia. In addition to being a Professional Engineer, he is an ACTAR accredited crash reconstructionist and leads Allstate's UAS (drone) program.

Personal Biography

Wes and his wife, Jennifer, love spending time with their two children, Gavin (14) and Vera (10). In his free time, he enjoys reading and hiking and is an avid songwriter, session musician, and recording engineer.





Melissa Chanto Lukert TranSystems 2400 Pershing Road, Suite 400 Kansas City, MO 64108 (816) 329-8600 mmchantolukert@transystems.com

Professional Biography

Melissa started her career with KDOT in Bridge Design; during her time at KDOT she organized highway cleanups for ASCE Younger Members Group and taught Certified Inspector Training courses. She was briefly at TranSystems before an opportunity to help design the NASA Mobile Launcher 2 arose with Bechtel. She left TranSystems with full intent to come back after working on this opportunity with NASA. During her time away from TranSystems, she helped design the base for the new Mobile Launcher 2 as well as, earned NASA Chiefs for approval for first time use of Fiber Reinforced Polymer members to be used as secondary members in the Mobile Launch Tower. After 2 years, Melissa returned to TranSystems to rejoin the Bridge Team. When she is not designing bridges in the Midwest, she is climbing bridges across the US inspecting them.

Personal Biography

Melissa enjoys sharing her Costa Rican culture by cooking typical dishes she learned growing up in Alajuela. In the evenings she explores downtown Kansas City with her dachshund, Ringo. One weekends when she is not following a YouTube video for basic car repairs, she is road-tripping to Indiana or Wisconsin to dote on her niece and nephews.





Tiffaney Danz BFA, Inc. 103 Elm Street Washington, MO 63090 (636) 231-4319 tdanz@bfaeng.com

Professional Biography

Tiffaney has over 10 years of Civil Engineering Experience, managing a variety of municipal, commercial, and specialty projects which include the following: Pavement Repair, Rehabilitation, and Maintenance; Road Improvements and Rebuild; Municipal Water, Sanitary Sewer, and Storm Sewer; Municipal Plan and Permit Reviews; Capital Project Planning: Public Meetings, Cost Estimates, Concept Plans, and Scheduling; Sidewalk Projects meeting ADA and PROWAG; Erosion and Sediment Control Design, Permitting, and Inspection; Permit Acquisition: Missouri Department of Transportation, US Army Corps of Engineers, Missouri Department of Natural Resources, Metropolitan St. Louis Sewer District, Railroad, and various local permitting authorities; Utility Coordination; LPA Projects: Engineering Design and Construction Engineering. In addition to being a Project Manager, she is the stormwater specialist. She has worked on several litigation projects supporting attorneys and their teams. This has allowed her to see how stormwater projects can go wrong and dive into forensic investigation. She has also trained and managed over five colleagues on stormwater calculations for detention sizing, water quality, storm sewer systems, and floodplain management. Tiffaney received her Bachelor of Science in Architectural Engineering from Missouri University of Science and Technology in 2010.

Personal Biography

Tiffaney resides in Washington, MO, with her husband Robert, stepdaughter Kady, age 14, son Ethan, age 5, and dog Spin. She enjoys playing strategic board games, reading and listening to books, hiking, family events, weekend trips, and hosting a book club.





Evan Dolan Hg Consult, Inc. 1533 Locust Street Kansas City, MO 64108 (816) 516-4796 edolan@hgcons.com

Professional Biography

Evan has been the CEI (Construction Engineering and Inspections) Manager at Hg Consult for 4 years and has been in the construction field for more than 12 years. He performs a variety of job duties including project management, fee estimator and construction inspections for Roadway Design and the Water Services Group. He and his team (consisting of 2 design engineers, 2 EIT's and 2 inspectors) are experienced in leading projects for municipalities and DOT: planning / organizing/executing CIP projects pertaining to water and sewer infrastructure, city emergency response (water main breaks/SSO) along with working closely with city engineers in planning rehabilitation projects and new construction design. His experience working for a municipality and overseeing private contractors has made him versed in design and construction (D&C) navigation, as-built preparation and drawing reviews/editing.

Personal Biography

Evan and his wife Ashely have one son and one daughter, Ford (6) and Kit (3). His main joy is to be with his family, spending time hiking, camping, listening to live music, visiting art museums, and playing disc golf.





Elizabeth (Liz) Duvall, P.E. Alfred Benesch & Company One Main Plaza, 4435 Main Street, Suite 1150 Kansas City, MO 64111 (573) 645-8686 eduvall@benesch.com

Professional Biography

Liz is a licensed Professional Engineer (MO, KS, NE, IL, SD) who has been with Benesch for 3 years as an Aviation Project Manager. Her 20 years of experience includes highway construction & materials inspection, traffic studies, maintenance operations, and aviation design & construction. Her current responsibilities include project engineering and management for aviation projects at both general aviation and military airports, including planning, design and construction management services. Aviation Project experience includes runways, taxiways, aprons, airfield lighting, NAVAIDs, fuel facilities, AWOS, SRE acquisitions, hangars and terminal buildings. Liz received her Bachelor of Science in Civil Engineering from the University of Kansas in 2003 and Master of Science in Engineering Management from the Missouri University of Science & Technology in 2008. She is active in the Missouri Society of Professional Engineers (MSPE).

Personal Biography

Liz and her husband have two boys, Shawn and Preston. When not playing soccer, golf, or hiking with her family, she enjoys watching their youngest son, Preston, play soccer, lacrosse and wrestle.





Matt Fields, P.E. Oates Associates, Inc. 100 Lanter Court, Suite 1 Collinsville, IL 62234 (618) 345-2200 Matt.Fields@oatesassociates.com

Professional Biography

Matt focuses on transportation projects, specifically roadways, streetscapes and trails. His experience includes roadway geometric design, intersection design, storm sewer hydraulics, sidewalks and curb ramps. Additionally, Matt leads the firm's training program for the Transportation Group. He is a knowledgebase for transportation software and serves as an internal team leader for the firm's design programs. He introduces new hires to processes and design programs at Oates Associates and mentors younger staff in transportation design. Rock Chalk, Jayhawk! Matt attended the University of Kansas and earned a Bachelor of Science degree in Civil Engineering in 2014. He is a licensed Professional Engineer in Illinois. He currently serves as secretary/treasurer for the St. Clair chapter of the Illinois Society of Professional Engineers.

Personal Biography

From serving as a chili master to tapping maple trees, Matt brings an enthusiasm for trying new things. He enjoys history and geography, skiing and traveling. He has visited 14 national parks with more adventures scheduled ahead.





Heather Gipp, P.E. Crawford, Murphy & Tilly, Inc. One Memorial Drive, Suite 500 St. Louis, MO 63102 (314) 571-9093 hgipp@cmtengr.com

Professional Biography

Heather is a licensed Professional Engineer who has been with Crawford, Murphy & Tilly, Inc. for 8 years. She is a project manager and design engineer for both water and wastewater projects. Her work has included numerous sanitary sewer replacements, water and wastewater treatment plant improvements, pump stations, watermain replacements, and water storage facility improvements. Heather received her Bachelors in Science Degree in Agricultural and Biological Engineering and her Masters of Science in Civil/Environmental Engineering from the University of Illinois in 2013 and 2015. She is licensed as a Professional Engineer in Illinois, Missouri, and Indiana. Heather is very active in the Missouri Section of American Water Works Association where she serves as the Diversity and Inclusion Committee Chair and as a Second Year Trustee on the Board. She is also involved in Missouri Water Environment Federation's Diversity, Equity, and Inclusion Committee.

Personal Biography

Heather resides in St. Louis, Missouri with her husband Aaron and their two daughters, Wendy (age three) and Jean (age one). In her free time, she enjoys growing flowers in her garden and sewing quilts or clothing for her girls. She also enjoys baking, hiking, and heading out on family excursions.





Matthew (Matt) Graviett, P.E. GBA, Inc. 18111 Dawn's Trail Wildwood, MO 63005 (636) 385-5667 mgraviett@gbateam.com

Professional Biography

Matt has worked for George Butler Associates (GBA) since graduating from the University of Missouri-Columbia in 2013 with a Bachelor of Science Degree in Civil Engineering. GBA is headquartered in Lenexa, KS with regional offices in Missouri, Illinois, Nebraska, Texas, North Carolina, and Washington. Matt works out of the Chesterfield, Missouri office and leads the Municipal Roadways group for the St. Louis and Kansas City offices. He is also a project manager, specializing in federally funded STP projects ranging from culvert replacements to urban streetscape projects.

Personal Biography

Matt and his wife, Lindsey, have one daughter named Charlie who is 3 years old, and a son named Wells who is 18 months. They also have 2 big dogs, Stanley (Great Pyrenees) & Lucy (Saint Bernard). Matt enjoys golf, fly fishing, woodworking, and travel in his free time.





Faress Hraib, P.E. ABNA Engineering, Inc. 4140 Lindell Boulevard St. Louis, MO 63108 (314) 454-0222 <u>fhraib@abnacorp.com</u>

Professional Biography

Faress is a Professional Engineer who has been with ABNA for over 4 years. He is a Structural Project Manager at ABNA's Saint Louis office working on transportation and infrastructure projects such as bridges, culverts, and retaining walls. He specializes in Finite Element Modeling and Structural analysis, design, and rehabilitation of bridges. He received his Bachelor's degree in Civil Engineering from Damascus University in Syria in 2012. He continued his education in the UAE where he earned his Master of Science in Civil Engineering from the American University of Sharjah in 2015. In 2019, Faress earned his PhD from Saint Louis University (SLU), where he specialized in the analysis and monitoring of steel bridges during construction. During his academic journey, he published numerous Journal papers and presented his research work in multiple conferences. He is a Licensed Professional Engineer in the State of Missouri and he is working toward his Structural Engineer License. He serves as a member of Missouri SAVE coalition that assists the State Emergency Management Agency (SEMA) with building damage inspections.

Personal Biography

Faress and his wife Jackie live in Saint Louis. He enjoys playing soccer, spending time with family, watching English Premier League games, going to STL CITY soccer games, and travel.





Darren Juranas, P.E. Anderson Engineering, Inc. 2232 S. Garrison Avenue Carthage, MO 64836 (417) 597-7544 djuranas@ae-inc.com

Professional Biography

Darren is a transportation Project Manager at Anderson Engineering with 9 years of roadway and active transportation engineering experience. His roadway design experience includes signals, single- and multi- lane roundabouts, grade separated interchanges, curve realignments, and highway relocation projects. His active transportation design experience includes multiple pedestrian facilities, sidewalks, and shared use projects. Darren is a licensed Professional Engineer in Missouri and received his Bachelor of Science in Civil Engineering from Missouri S&T in 2014.

Personal Biography

Darren and his wife Emily are avid hikers and recently completed 68 miles throughout Olympic and Mount Rainier National Parks. He and Emily enjoy spending time with their golden retriever, Rosie, and are expecting their first child on April 19th.





Kevin Knight S.H. Smith & Company, Inc. 901 Vine Street, P.O. Box 72 Poplar Bluff, MO 63901 (573) 785-9621 kevink@shsmithco.com

Professional Biography

Kevin is the Senior Geologist with S. H. Smith & Company in Poplar Bluff, Missouri, and has been an environmental project manager for the firm for 22 years. He has extensive experience with the Missouri Risk-Based Corrective Action process for petroleum storage tank sites and has been valuable both in the field and in the office, whether responding to environmental emergencies, conducting statistical plume stability analyses, or designing and maintaining groundwater remediation systems. Kevin is a Registered Geologist in Missouri and received a B.A. in Geological Sciences from Mizzou in 2001.

Personal Biography

Kevin grew up on a cattle farm in Ripley County, Missouri, and has two children, ages 22 and 15. He and his wife Fawn spend their free time enjoying all things outdoors in the Ozarks, especially boating on the Current and Eleven Point rivers.





Jeremy McNutt, P.E. Garver 7509 NW Tiffany Springs Pkwy., Ste. 200 Kansas City, MO 64153 (816) 849-2021 jamcnutt@garverusa.com

Professional Biography

Jeremy is a licensed Professional Engineer who has been with Garver for 2.5 Years and has 23 years of engineering and construction inspection experience on complex bridge projects including design-build and construction manager general contractor projects. Hi experience includes concrete and steel design along with construction engineering. His leadership experience also includes six years as a partner in a metal fabrication business. Jeremy is a licensed Professional engineer in Georgia, Oklahoma, and Missouri. He received a BS in Civil Engineering from Tennessee Technological University and an MS with emphasis in Structural Engineering from the University of Tennessee.

Personal Biography

Jeremy and his wife Dana have two children. Their daughter Avery is married to Tim Whitener and lives in Kansas City. Their son Van is planning to attend Missouri State University in the fall. He enjoys volunteering at his church and spending time with his family.





Erica Ridgway, P.E. TREKK Design Group, LLC 17 Cassens Court Fenton, MO 63026 (314) 932-1226 eridgway@trekkdesigngroup.com

Professional Biography

Erica is the Civil Market Lead for TREKK Design Group's St. Louis Office. She was previously at Access Engineering for 9 years before Access was acquired by TREKK in late 2021. She is a licensed Professional Engineer and has worked on many different types of civil engineering projects including transportation, traffic, site design and water resources. Her transportation experience includes roadway design, streetscape and trail design, pedestrian facilities, ADA improvements, green infrastructure, and lighting design. Her traffic experience includes signal design including pedestrian facilities, traffic study and analysis, traffic data collection, Synchro and SIDRA modeling of intersections and roundabouts, traffic impact studies, corridor safety studies, and parking lot studies. Erica's site design experience includes park and plaza design including ADA improvements, lighting and signing design, site grading and drainage layout, and green infrastructure design. Her stormwater and sanitary design experience includes horizontal and vertical alignments, hydrologic/hydraulic modeling, sewer profiles, water quality best management practices and private inflow reduction. She received her Bachelor of Science in Civil Engineering from Southern Illinois University Edwardsville in 2012 and has been involved in both Engineer's Club and American Public Works Association for many years.

Personal Biography

Erica has been married for almost 10 years to her husband Jordan and together have two beautiful children, Eleanor and Henry (ages $3\frac{1}{2}$ and $1\frac{1}{2}$). She enjoys traveling and spending time with the family.





Colin Schroeder, P.E. Lochmueller Group 820 S. Main Street, Suite 207 St. Charles, MO 63301 (515) 509-9944 CSchroeder@lochgroup.com

Professional Biography

Colin currently works as a project manager and water resources engineer for Lochmueller Group in St. Louis, Missouri, where he is involved in many types of projects including drinking water/wastewater treatment facilities, collection/distribution systems, green infrastructure, urban storm sewer and hydraulic modeling. He is a Licensed Professional engineer in several states including Missouri, Illinois, and Iowa. He graduated from Iowa State University in 2011 and has eleven years of experience in a wide variety of projects, including transportation, stormwater management, institutional and parks & recreation projects, streetscapes, reconstruction and rehabilitation projects, subdivision, and public & private site development. He is passionate about improving and implementing Green Infrastructure and advanced stormwater management practices. Colin is skilled in detailed design, construction observation & management, community outreach & involvement, and client and project management. His breadth of skills and experience make him a vital team member on local municipal and utility infrastructure projects. He is a proud member of several professional organizations including the American Society of Civil Engineers (ASCE), Missouri Water Environment Association (MWEA) and Missouri Floodplain and Stormwater Managers Association (MfSMA).

Personal Biography

In his free time, Colin enjoys traveling with his wife, Olivia, and two dogs, Atlas and Molly. He also enjoys spending time outdoors while hiking, gardening, or taking scenic drives.





Jody Shaw, P.E. Oates Associates, Inc. 100 Lanter Court, Suite 1 Collinsville, IL 62234 (618) 345-2200 jody.shaw@oatesassociates.com

Professional Biography

Jody is licensed as a Professional Engineer in Missouri and Arkansas. With a background in both structural and civil engineering she brings breadth of knowledge and flexibility to her work. Her 17 years of experience spans multiple areas of expertise including bicycle and pedestrian master planning, municipal engineering, site development, water resources, geospatial systems, grant writing, and asset management. Her structural work includes building, bridge, and foundation designs for locations throughout the United States. Recently she has begun work as a land acquisition specialist and is a Notary Public. Jody prides herself in being able to balance work and family. She has taken an unconventional approach to her career through part-time work and extended leaves to focus on family. She believes this is why her career has been exposed to such a wide range of opportunities creating a unique skill set and multi-faceted engineer. Her professional organization involvement includes the American Public Works Association and Southern Illinois Parks and Recreation Association. As a project manager, Jody is diligent in communicating needs and goals to staff, listening to her partners, organizing work items, and energizing the team. She received her Bachelor of Science in Civil Engineering from the Missouri Institute of Science & Technology in Rolla, Missouri in 1999.

Personal Biography

Jody enjoys the outdoors and spending time with family and friends. She and Thomas share their Highland, Illinois home with their five teenagers! When not navigating the troubled waters of so many teenagers in one location, she is actively donating her time to the community through leadership roles in various community groups and Parent Teacher Organizations, serving on the board for several years. Her hobbies include soccer, bowling, golf, gardening, traveling, and walking in the woods.





Kim Streicher, P.E. Civil Design, Inc. 5220 Oakland Avenue St. Louis, MO 63110 (314) 696-1300 kstreicher@civildesigninc.com

Professional Biography

Kim is a structural engineer who has been involved in bridge engineering for 24 years, nearly a decade of which she spent working for local government. She has worked on every part of the life cycle of a bridge; from preliminary layout, design, and load rating, to inspection, maintenance, rehabilitation, and demolition. She recently completed designs for the Buck O'Neil Bridge project in Kansas City and the Rocheport Design/Build in mid-Missouri. Kim has been with Civil Design, Inc. for three years. She is a licensed Professional Engineer in Kansas, Missouri, Texas, and Illinois and has her CFM certification. She is a graduate of Rice University with a B.S. and M.S. in Civil Engineering.

Personal Biography

In her spare time, Kim is learning to navigate becoming an empty nester. Her two sons currently study at The Ohio State University and the University of Kentucky. Her hobbies include constructing 3D Lego bridge models (to introduce new bridge engineers to the parts of a bridge) and traveling with her husband John. She is a dog person who owns two cats.





William (Bill) Thorpe, P.E. HNTB Corporation 211 North Broadway, Suite 2975 St. Louis, MO 63102 (314) 242-2239 wthorpe@hntb.com

Professional Biography

Bill serves as a project engineer in HNTB's St. Louis office. With nearly a decade of experience in the industry, he brings expertise in design, plan production and implementation of complex transportation and land development projects. Bill received his Bachelor of Science in Civil Engineering from Southern Illinois University Edwardsville in 2013. He is a licensed Professional Engineer in Illinois and Missouri. He is active in several professional organizations, including American Public Works Association (APWA) and Engineer's Club of St. Louis.

Personal Biography

Bill and his wife Dannielle have two young sons together, Liam and Kai. He is an avid sports fan and enjoys playing golf, traveling, and spending time with his family.





Casey Wilson, P.E. Horner & Shifrin, Inc. 401 S. 18th Street, Suite 400 St. Louis, MO 63103 (314) 335-8620 cewilson@hornershifrin.com

Professional Biography

Casey is a Mechanical Engineer and Business Unit Leader for the Building Services Department at Horner and Shifrin. She manages a staff of 15 mechanical, electrical and plumbing engineers and designers. Her responsibilities range from business development, strategic planning, reviewing financials, preparing proposals, project management and designing mechanical systems for buildings. Her project work experience includes science and technology, healthcare, education, recreation, commercial and government facilities. Casey graduated from the University of Missouri in 2008 with a Bachelor of Science in Mechanical Engineering and started her career at a consulting firm doing HVAC design. She has been in the industry for 14 years and with Horner & Shifrin for the past 8.5 years. She is a Professional Engineer licensed in Missouri, Illinois, Ohio and Oklahoma. She is actively involved in Missouri Society for Healthcare Engineering (MOSHE), SICHE - Southern Illinois Chapter for Healthcare Engineering (SICHE), American Society of Healthcare Engineering (ASHE), American Society of Heating, Refrigerating and Air Cond. Eng. (ASHRAE) and Women in Healthcare – Heartland Chapter. She was the recipient of the 20 to Watch: Women in HVAC in 2022.

Personal Biography

Casey and her husband live in Sunset Hills, MO with their two daughters and son. Harlow is 5 years old, Leighton is 4 years old and Lan is 6 months old. She enjoys exercising, traveling and being outside with the kids.





Jacob (Jake) Wilson, P.E. Affinis Corp. 8900 Indian Creek Parkway, Suite 450 Overland Park, KS 66210 (913) 239-1127 jwilson@affinis.us

Professional Biography

Jacob is a project engineer for Affinis Corp in Overland Park, KS working on transportation projects. As a part of the Highway Team, he focuses on state Department of Transportation projects mixing in a few city corridors and intersections. He enjoys roadway geometrics and has a special interest in roundabouts and diverging diamond interchanges. Additionally, he is active in the Business Development Team writing proposals and pursuing new work. Before joining Affinis in 2021, Jacob spent the first fourteen years of his career at the Missouri Department of Transportation. The first nine in the Design Department and the last five administering construction contracts in the Construction Department as a Resident Engineer. He received his Bachelor of Science in Civil Engineering from Iowa State University and is a licensed Professional Engineer in Missouri and Kansas.

Personal Biography

Jacob and his wife, Britney, have four children – two boys and two girls. Wesley is 15, Nathan 13, Chloe 6, and Helen is 4. He enjoys coaching his sons' baseball teams and is very active in church. You won't have a hard time getting him to play a board game or watch a John Wayne movie. He and his family enjoy traveling and hanging out with friends and family. They reside in Blue Springs, MO with their numerous pets.