

Industry Profile

Frank St. John

President and Founder, Applied Engineering Services

“The new IUPUI is not your father’s IUPUI.”

You are missing the boat if you have not recently visited the IUPUI campus or interacted with one of their faculty members, engineering graduates, or co-op students. Let me know if you want to learn more about their research capabilities, engineering programs, or co-op opportunities. I would be pleased to connect you with the appropriate faculty member at IUPUI.



Engineering Better Lives Technology that Drives the Future

Company

Applied Engineering Services is an engineering solutions company providing mechanical, electrical, and instrumentation engineering services for the industrial, health care, higher education, and government markets since 1998. The goal and focus of Applied Engineering Services is to provide superior engineering services by utilizing a time-proven approach for delivering the right engineering solution for each project.

Mr. St. John has over 35 years of consulting engineering experience. He has been involved in numerous utility-related studies, master plans, and design projects involving chillers, pumps, cooling towers, air compressors, boilers, and heat exchangers. In addition, he also has extensive experience with a number of facility expansions and renovations for industrial, hospital, and higher education clients that have required HVAC, fire protection, plumbing, power, lighting, telecommunications, and building commissioning. As president of the firm, his current responsibilities include office operations, marketing, project management, and technical support.

Advisor

- Registered Professional Engineer - IN, OH, IL, MD, MI, AL, CA, TX
- LEED Accredited Professional
- Purdue School of Engineering and Technology, IUPUI, Alumnus of the Year, 2012

Education

- Bachelor's of science degree in interdisciplinary engineering (mechanical option), Purdue School of Engineering and Technology, IUPUI



Industry Profile

Joerg Schreiber, Ph.D.

Owner, White Arrow Consulting
CEO, Indiana Biopharma, LLC.

“To be prepared for the professional world, Engineering students have to be trained in non-Engineering disciplines also, such as Teamwork, Communication, Project Management, Business, or Entrepreneurship. IUPUI has programs to accomplish that.”



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White Arrow Consulting LLC was created in 2005 under the leadership of Dr. Joerg Schreiber. It operates in four areas:

- High-level consulting for small and mid size life science companies, working on operational, technology, equity fundraising, and strategy tasks.
- Performing Interim Executive duties, in roles as CEO, COO, or CTO, for companies such as Roche Diagnostics, Quadraspec and Physical Logic.
- Acting as an entrepreneur creating new companies. Examples include pancreas regeneration; Indiana Biodefense Consortium; biotech modular, flexible Contract Development and Manufacturing Organization; and others...
- Acting as educator teaching entrepreneurship. Examples include W311 New Venture Creation undergraduate course at the Kelley School of Business, Indiana University; X522 guest graduate student mentor in the Kelley MBA program; IUPUI Engineering program; and more.

Advisor

- Former board member of the Connectivity Industry Consortium
- Former board member of the Center for Enterprise Leadership at Boston University
- Former Chair, Deans Industry Advisory Council, IUPUI
- Former Chairman of the Indiana Health Industry Forum
- Chairman of the Ciente Group, Indianapolis

Education

- Ph.D. in Physics from Giessen University, Germany
- Post Doctoral at the National Institute for Environmental Health Sciences



Industry Profile

Jill M. Mendoza

Owner and President of IDO Incorporated

“Through my involvement on the Dean’s Industry Advisory Council, I have witnessed first-hand the University’s vision in action. A vision of being one of the best urban universities, recognized locally, nationally and internationally for its achievement, is certainly a reality for IUPUI. The university recognizes students as partners in learning and works diligently to include both the community and industry in the learning/partnership process.”



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Jill is Founder, Owner and President of IDO Incorporated. Under Jill's leadership, the firm has carved out strong niches in the corporate, life science, health care, education, non-profit, and hospitality markets, while establishing solid relationships with architectural firms throughout Indiana. Jill sees IDO as a beacon in the Interior Design market in Indiana. “The collective talent and passion of each IDO associate is unique in our industry. We recognize the importance of agility and flexibility to meet customer's evolving needs and we have a keen sense for anticipating emerging trends.”

We believe great commercial interiors shouldn't just look good; they should incorporate innovative insights about how people interact in the built environment. Our philosophy is to listen to your needs and strike a balance between all your business objectives. You'll discover we create flexible interior solutions that provide long-term value because we understand the way you interact in your interior environment today may be different tomorrow.

Advisor

- Professional Member, IIDA - International Interior Design Association
- Certified Member NCIDQ - National Council of Interior Design Qualification, #5859
- Member, WBE – Women's Business Enterprise – City of Indianapolis & State of Indiana
- RID – Registered Interior Designer in the State of Indiana, Registration #00005

Education

- Purdue University, Bachelor of Environmental Science & Interior Design
- Butler University Corporate & Executive Ed, Women Business Owner's Consortium



Industry Profile

Kevin Zaletel

District Plant Engineering Manager, UPS - Ohio Valley District

"IUPUI promotes teamwork and partnerships to solve problems and enhance their academic excellence. They provide a high quality learning environment for their students and the university supports and embraces diversity. Students from many backgrounds are available for your coop, internship or full time opportunities within your organization."



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Company

UPS was founded in 1907 as a messenger company in the United States. UPS has grown into a multi-billion-dollar corporation by clearly focusing on the goal of enabling commerce around the globe. Today, UPS is a global company with one of the most recognized and admired brands in the world. UPS has become the world's largest package delivery company and a leading global provider of specialized transportation and logistics services. Every day, UPS manages the flow of goods, funds, and information in more than 200 countries and territories worldwide.

Kevin has over 28 years of engineering experience at UPS. He is currently responsible for Plant Engineering in seventy nine small package and freight facilities located throughout Illinois, Indiana, Kentucky and Ohio. He has 9 years of project experience and managed facility construction, expansion and renovation projects in Colorado, Nebraska, Missouri, Iowa, Maryland, Virginia, Pennsylvania, New Jersey and West Virginia.

Advisor

- Deans Industrial Advisory Council at IUPUI since 2000, 2015 Chair Elect
- IUPUI DIAC General Administration Sub Committee Chair
- United Way of Central Indiana Campaign Cabinet
- Former IUPUI DIAC Diversity Recruitment and Retention Sub Committee Chair
- Former Advisory Board Member for Indianapolis 16 Tech
- Former United Way Campaign Coordinator, UPS - Ohio Valley District

Education

- Bachelor's of Science degree in Electrical Engineering, University of Maryland, College Park



Industry Profile

Daron Dryer

Director of Engineering, FAA DER, Comlux America, LLC

“Investing in IUPUI Engineering graduates pays off. The Aircraft Interior Completion Industry is more competitive than ever. Historically, hiring new graduates poses more risk as the business model demands instant results. However, Comlux has determined that IUPUI engineering graduates enter the work force well prepared. Each of them display theoretical and practical know-how, a strong work-ethic, desire to learn, and think “outside-the-box.” They are engineering products that is setting Comlux apart from the competition. Further, hiring employees that have ties to the local community better ensures long term employment and a better return on the investment.”



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Company

Comlux America located in Indianapolis, Indiana is part of Comlux, The Aviation Group, a leading provider of worldwide aviation services that includes aircraft management, VIP charter, aircraft sales and acquisitions, aircraft cabin designs and completions, aircraft engineering services, aircraft maintenance, and avionics design and integration.

Daron Dryer has over twenty years of experience in the management, analyses, design, and certification of mechanical systems, structures, and VIP interiors for aircraft. He has firsthand knowledge of the following aircraft types: Boeing: 727, 737, 747, 757, 767, 777 MD-11; Airbus: A319, A320, A321, A330, A340; Bombardier: CL-604 (Challenger 604), BD-700-1A10/1A11 (Global XRS/5000), CL-600-2B19 (CRJ200).

Advisor

- FAA Designated Engineering Representative: DER No. DERT-710542-CE.
Authorized areas: Mechanical Systems and Rapid Decompression Analysis.
- Professional Engineer (currently inactive): Arkansas / Missouri / Oklahoma
- Member, Deans Industrial Advisory Council, IUPUI School of Engineering and Technology

Education

- Bachelor of Science, Mechanical Engineering, University of Missouri – Rolla

