

### **EXPERIENCE** YOUR FUTURE

OFFICE OF PROFESSIONAL PRACTICE





### ANNUAL REPORT 2017-2018



The Office of Professional Practice facilitates work-integrated learning at Purdue. Presently, OPP administers the following programs, which require registration:

- Cooperative Education 3-Session, 5-Session, Parallel, FLEX, and Master's
- Global Engineering Alliance for Research and Education (GEARE)
- Interns for Indiana (IFI)
- Domestic Internships and Research Experiences
- Global Internships and Research Experiences
- Study Abroad

# FROM THE DIRECTOR



Greetings from the Office of Professional Practice (OPP)!

Thank you for your interest and support for Purdue's Professional Practice Programs. OPP continues to provide exemplary programs and service to the 1,200+ students it serves across the wide array of our programs. The 2017-18

academic year proved to be yet another exciting year of facilitating experiential education and professional practice for Purdue University students.

The OPP mission, to promote experiential education within the academic environment of the institution and through its global partners, is more relevant than ever. The Gallup-Purdue Index found that 71 percent of recent graduates who participated in academically relevant work were employed full time at graduation. The study also found that those same graduates were almost twice as likely to be engaged in the workplace. OPP programs directly influence those outcomes!

I would also like to point out that this edition of our annual report reflects two new developments within our office and programs:

Dr. Eckhard A. Groll left his position as Director of the OPP team in order to take on his new role as, Associate Dean of Undergraduate and Graduate Education here at Purdue University. We wish him all the best in his new welldeserved position.

I, Eric Nauman, have been named the new Director of OPP. I gladly take on this new challenge in addition to my continued work as Professor of Mechanical Engineering, Professor of Basic Medical Sciences and Biomedical Engineering, and Director of the Honors program. I look forward to assisting the growth and efforts of all the OPP Programs, as well as the exciting times ahead.

In order to maximize international experiences students encounter during our programs, Joe Tort the Assistant Director, Global Professional Practice, has begun a new initiative called "Intercultural Development Inventory" as an extension of the GEARE program. Read all about this exciting venture on pages 12-13!

Thank you for your interest in the Office of Professional Practice. I hope you enjoy this edition of our annual report and all the success it reflects.

Eric A. Nauman, Director, Office of Professional Practice

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**EMPLOYERS** 



Peter Redman BSAAE'17 5-Session Co-Op with Gulfstream Aerospace

"I joined the Co-Op Program with the intention of working on meaningful projects and gaining real-world work experience while still in school. Co-Op has exceeded my expectations."

Neeladhri Rama BSME '17 GEARE at Mercedes-Benz

"GEARE was what pretty much defines my life as a student at Purdue University. This program has provided me with many life changing experiences by giving the chance to live, study and work cross culturally at a very early time in my career."





# **OUR PROGRAMS**

#### **COOPERATIVE EDUCATION**

Cooperative Education (Co-Op) programs offer numerous benefits for students looking to gain real-world experience before they graduate. Participants choose between three-session or five-session models and will gain approximately 12-20 months of professional experience while alternating between semesters on campus taking classes and working with their professional practice employer. In our traditional Co-Op programs, all three or five work sessions are spent with the same employer, which allows for a strong relationship to build between the student and employer. As a result, students are able to work on longer, more important projects and are able to take on increasing responsible and diverse roles in their work sessions. This also allows students to experience multiple areas of a company's operation. Beginning in 2018, we introduced a new option in select majors, called Flex Co-Op, which allows students to work for tow employers during their Co-Op experiences.

Students earn a significant and competitive salary while working. Many Co-Op students are offered interviews or full-time positions with their host employer upon graduation.

The program is a transcript-recorded experience and provides an academic certificate upon completion.

#### GLOBAL ENGINEERING ALLIANCE FOR RESEARCH AND EDUCATION (GEARE)

GEARE is Purdue's premiere global professional training program. The program is currently available to students from all engineering disciplines and computer science. GEARE students enhance their global competency by completing language study, one semester of study abroad, a minimum of one domestic internship, a minimum of one global internship, three onesemester cultural training seminars, and a minimum of one global design team project.

The Office of Professional Practice develops partnerships with worldrenowned university partners and global industry partners interested in developing future employees with top of the line technical and global skills. The Office of Professional Practice has strong partnerships with universities and global employers operating in the U.S., China, Colombia, France, Germany, Mexico, Singapore, and Spain. New programs are being established in Brazil, Ecuador, India, Italy, Japan, Sweden and the UK.

#### **GLOBAL RESEARCH**

Global research experiences provided by the Office of Professional Practice allow students to work on innovative projects at some of the world's leading research institutions. Students will gain valuable practical experience and enhance their global competencies through work in an international setting. Students will earn credit transferable to their Purdue degrees.

#### **INTERNSHIP PROGRAMS**

Internships are an excellent alternative to Co-Op programs for students looking to work for multiple employers. These programs offer more flexibility than Co-Op programs but with shorter work sessions. Unlike Co-Op sessions, internships are typically only one term. Internships provide crucial professional experience that helps students stand out from their peers, thus more likely to find a job after graduation.

Internships that require registration for academic or immigration reasons are administered by the Office of Professional Practice.

#### **STUDY ABROAD**

Professional Practice Study Abroad programs offer students an opportunity to gain an understanding of their profession in another country. The programs target first-year students. They provide a brief taste of what it would be like to work in another country and encourage students to pursue a longerterm global professional experience, such as GEARE, later in their academic career.

#### **INTERNS FOR INDIANA (IFI)**

The Interns for Indiana program connects entrepreneurially-minded Purdue University students to Indiana startup and second-stage companies in order to promote economic development, enhance student success, and provide professional opportunities to high performing students. Students can work either during a Fall or Spring semester up to 12 hours a week in addition to their class schedule, or during the Summer up to 40 hours a week.

#### **PARALLEL CO-OP**

The Parallel Co-Op Program permits students to work part-time (up to 29 hours per week) during the academic year at local operations with a reduced academic load and full-time during summer terms at any location for a Co-Op employer. Parallel Co-Op provides an opportunity for students to avail themselves of academically relevant work experience by providing an income stream that more closely matches their flow of expenses.

#### **MASTER'S CO-OP**

The Master's Co-Op program is a two-year MS-level Cooperative Education program in which the students will receive an MS degree based on their chosen discipline and a Cooperative Education certificate. By providing a work integrated learning program, the students who graduate from this program will not only meet all MS degree requirements, but will also have graduate-level industrial experience within a profession of their choice. Variation of this program may be offered at the PhD level.



#### **NEW TO OPP! FLEX CO-OP**

While the Office of Professional Practice has facilitated Cooperative Education at Purdue since 1954, we continue to strive to make advancements in the field of Professional Practice, in addition to creating new, innovative programming to better serve all Purdue students — traditional and nontraditional. We are proud to announce the further development of the Flex Co-Op program in Spring 2018. With Flex Co-Op, students and employers commit to 2 work sessions, then either have the

With Flex Co-Op, students and employers commit to 2 work sessions, then either have the option to keep going for 1-3 additional terms, or can start a work session rotation with a new student/employer for a minimum of 2-3 terms.

What brought about this change? The demand for greater flexibility has led universities and employers nationwide to adopt the "flex" concept. Evidence of decline in the 5-Session co-op program has further supported this need, as well as the low completion rate of 5-Session co-ops.

What remains the same, and what is new?

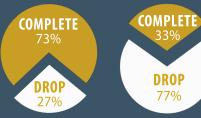
#### SAME

- Students make commitments to your company to work multiple sessions
- You get students who are dedicated, motivated,
- and want to work
- You get more out of co-op students than interns
- Traditional 3-session and 5-session
- co-ops are still available

#### NEW

- Schedule flexibility: students have greater ability to work for you in back-to-back terms
- At the end of 2 sessions, you and the student can decide to continue or to part ways
- If a student stays, you get an even greater return on your investment
- You now have the opportunity to recruit students who
- already have work experience at another company • Students who try another company might be more convinced to return to yours full-time

### 3-SESSION 5-SESSION





# **2017 COOPERATIVE EDUCATION HALL OF FAME**





Launched in 2010, the Cooperative Education Hall of Fame is an annual celebration honoring academic leaders who have made significant contributions to Purdue's Co-Op program or those alumni who have achieved excellence in their careers after participating in cooperative education during their time at Purdue. In essence, this event provides a lens through which current and future students can view the power of Co-Op as a means of drawing the map for their future success. Previous inductees have included executives, politicians, lawyers, high-ranking technical experts and Purdue faculty with a passion for experiential

learning. The 2017 class of inductees, shown below and featured on the following page, were no exception to these high standards set before them.

More than 200 people attended the induction ceremony, held September 22, 2017, in the Ross-Ade Stadium Buchanan Club. The event featured opening remarks from Director of OPP Eckhard Groll, special remarks from Mung Chiang the John A. Edwardson Dean of the College of Engineering, an update from Professional Practice Ambassadors' President Collin Willoughby, a keynote address from Chief Corporate and Global Partnerships Officer Dan Hirleman, and a formal induction proceeding.



# HALL OF FAME INDUCTEES



**AMY ADAMS** received her Bachelor's degree in Industrial Engineering from Purdue University, and Master's degree in management from the J.L. Kellogg School of Business at Northwestern University. While attending Purdue, Adams completed a 5-Session Co-Op with General Motors. She has spent most of her career with Cummins outside of the United States. Making the move to Singapore, she held several business development and distributor management roles that contributed to sales doubling in part to distributor consolidation strategy. As the current Vice President and General Manager of Cummins Emission Solutions, Adams is a leading global designer, integrator, manufacturer and distributor of exhaust aftertreatment systems and components.



**STACY BARTOLETTI** received his Bachelor's degree in Civil Engineering from Purdue University, and Master's degree in Structural Engineering from the University of Texas. While attending Purdue, Bartoletti completed a 5-Session Co-Op with CH2M HILL, in Milwaukee Wisconsin. After earning his master's degree, he landed a job with Degenkolb Engineers, a company he's never left. As for his various roles throughout nearly 25 years at Degenkolb, Bartoletti has led teams studying, designing and constructing hundreds of millions of dollars of seismic upgrades and new critical facilities for major clients on the West Coast. Bartoletti currently serves as President and CEO of Degenkolb Engineers in San Francisco.



**TONY DENHART** is personally responsible for hiring 100+ Purdue Cooperative Education Students and has been engaged with university recruiting and relations for over twenty years. Once he graduated from Purdue University with a Bachelor's degree in Electrical Engineering Technology, Tony started his GE career in 1989 as a field engineer with GE Engery, he has held several leadership roles including the Purdue Campus Relations Leader where he paved the way for a significant increase in student interaction, hiring, and collaborative research. Denhart currently serves as the University Relations Leader for GE Global University Relations.



**RON KLEMENCIC** completed a 5-Session Co-Op with Bechtel Power Corporation and graduated from Purdue University with a Bachelor's degree in Civil Engineering, and Master's degree in structural engineering from the University of California at Berkeley. In 1992 he started at Skilling Ward Magnusson Barkshire, now renamed Magnusson Klemencic Associates. Within six years he was elected President, and now currently serves as President, Chairman & CEO. Magnusson Klemencic Associates is an award-winning structural and civil engineering firm that has completed projects in 47 states and 54 countries.



**SARAH SMITH** completed a 5-Session Co-Op with Procter and Gamble while attending Purdue University. After graduating with a Bachelor's degree in Mechanical Engineering, she went on to receive her MBA from Texas A&M. Smith is currently Halliburton's Vice President of Health, Safety and Environment, Service Quality, and Continuous Improvement. As the functional leader she has steered the organization to historical best safety performance and significant service quality progress with a demonstrated double-digit improvement in Total Recordable Incident Rate (TRIR) and Lost Time Incident Rate (LTIR) for four consecutive years.

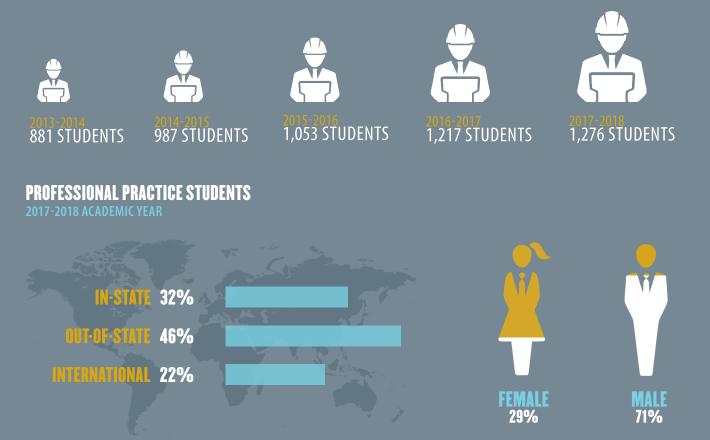


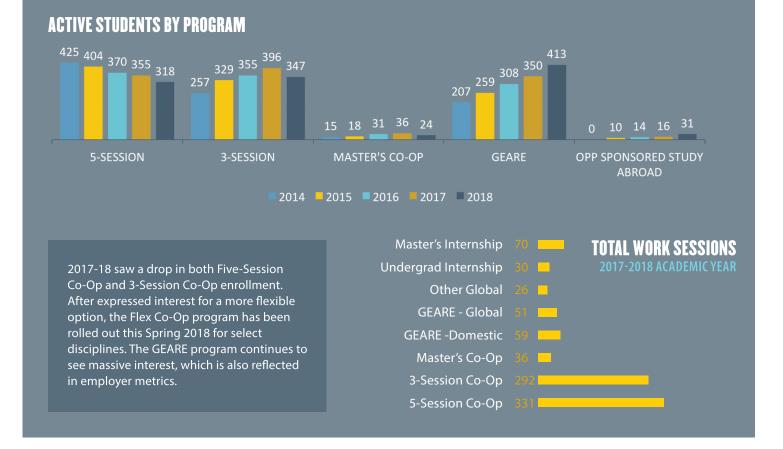
**GREG WINER** received his Bachelor's degree in Chemical Engineering from Purdue University and continued his career at Sun Chemical Corporation where he formerly completed a 5-Session Co-Op. He is personally responsible for hiring and mentoring over forty CHE and ME Co-op students over the last twenty-two years, making the Co-Op program an integral part of Sun Chemical Engineering Team. As the overall Engineering Group Manager for NAI (North American Inks), Winer is leading a team of sixteen engineers and Co-op students. His centralized Engineering Group currently handles projects all over the US, Canada, and Mexico, directly supporting the Global Operations.

The Office of Professional Practice is proud that its total student enrollment continues to increase year over year — that is, the net impact on students continues to multiply. In addition, OPP programs contain a diverse group of students, with 29 percent of program participants identifying as female, which exceeds the College of Engineering undergraduate (92 percent of the total OPP constituency) female population of 24 percent.

# **STUDENT AND EMPLOYER STATISTICS**

**TOTAL PROFESSIONAL PRACTICE STUDENT ENROLLMENT** (INCLUDES INTERNSHIPS THAT REQUIRE REGISTRATION AND ARE ADMINISTERED BY OPP)





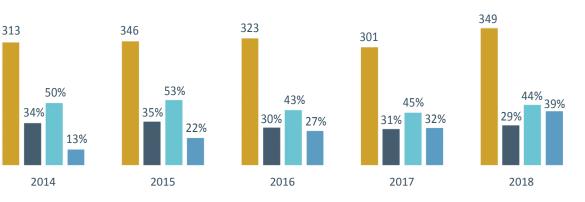
- Total Current Employers\*
- Indiana
- Outside Indiana
- Global

\* Total Current Employers = Number of unique employers who recruited and/or hired wthin last 5 years.

Some employers provide opportunities in multiple locations, thus percentages shown may exceed 100.

ALC: NOT

### **PROFESSIONAL PRACTICE EMPLOYERS PROVIDING OPPORTUNITIES BY LOCATION**



Dedicated industry partners are vital to the continuation and growth of the Professional Practice Programs. Part of serving the OPP employers and students participating in any program requires growth within the office as well. We have adjusted our reporting structure to reflect each employer as one unit no matter how many divisions or locations.

### The Dow Chemical Company

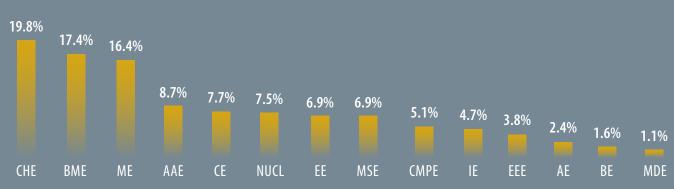
College of Engineering undergraduates make up 92 percent of the OPP student population. Therefore, it is particularly interesting to view trends in engineering student enrollment. Traditionally, Chemical, Biomedical, and Mechanical Engineering have been the most popular Co-Op disciplines when measured by percentage of enrollment participating.

## **ENGINEERING PARTICIPATION**

### PERCENTAGE OF ENGINEERING DISCIPLINES ENROLLED IN CO-OP

2017-2018 ACADEMIC YEAR

Dow



### ENGINEERING STUDENTS BY DISCIPLINE

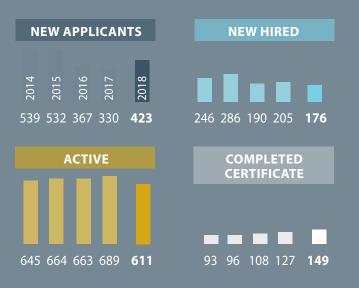
2017-2018 ACADEMIC YEAF

ME	205	34%
CHE	114	19%
AAE	59	10%
EE	49	8%
BME	44	7%
CE	38	6%
IE	36	6%
CMPE	34	6%
Other*	31	5%

\*Other Disciplines: **MSE** — 2%, **NUCL** — 1%, **EEE** — 1%, **BE** — 0.5%, **AE** — 0.3%, **MDE** — 0.2%

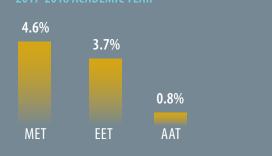
### ENGINEERING STUDENTS BY STATUS

2014-2018 ANNUAL DATA



# **POLYTECHNIC PARTICIPATION**

### PERCENTAGE OF POLYTECHNIC DISCIPLINES ENROLLED IN CO-OP



#### **POLYTECHNIC STUDENTS BY DISCIPLINE**

2017-2018 ACADEMIC YEAF

М	ET	26	57%
EE	T	10	22%
A	Т	5	11%

### **POLYTECHNIC STUDENTS BY STATUS**

2014-2018 ANNUAL DATA

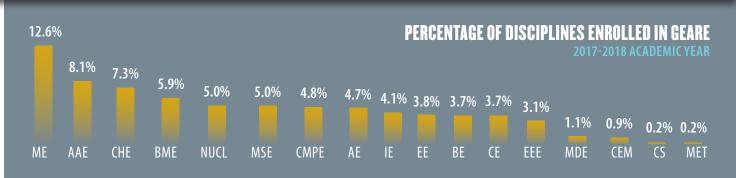




The Purdue Polytechnic Institute (formerly the College of Technology) contains OPP's second-largest constituency. As part of its transformation, the Polytechnic Institute places great emphasis on professional experience prior to graduation. Therefore, we expect to see an increase in participation from Polytechnic students in coming years.



# **GEARE PARTICIPATION**



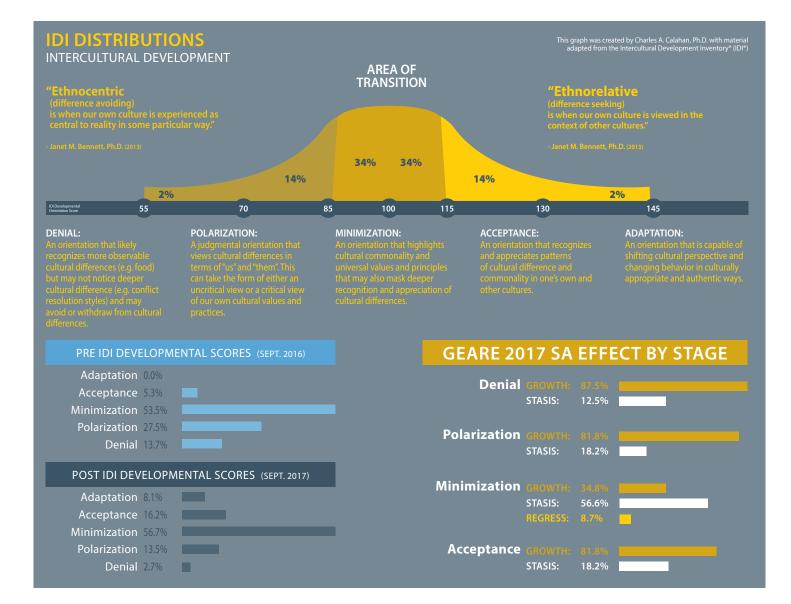
#### **GEARE STUDENTS BY DISCIPLINE** 2017-2018 ACADEMIC YEAR

ME	158	38%
AAE	55	13%
CHE	42	10%
CMPE	32	8%
IE	31	8%
EE	21	
CE	18	4%
BME	15	4%
MSE	10	2%
Other*	25	6%

\*Other Disciplines: BE 2%, NUCL 0.9%, AE 0.9%, EEE 0.9%, CS 0.7%, MET 0.2%, MDE 0.2%, CEM 0.2%

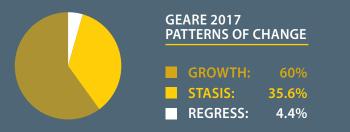
### **INTERCULTURAL DEVELOPMENT INVENTORY**

The GEARE program strives to provide students with life-changing international opportunities. In 2014, the Office of Professional Practice began developing a system to help students maximize their international experiences while assessing the impact on intercultural growth. The effort started with the development of a three part series of courses designed to introduce students to attributes of global competency, push them to take initiative in developing their intercultural skills, and provide opportunities for mentorship within the program. The College of Engineering added these courses to its catalog in 2015, and the 2017 GEARE cohort was the first group required to complete the series of courses. Students take ENGR 29701 the semester prior to their international experience. Students receive logistical information relevant to the location of their experience and receive an introduction to four areas of global competence: self-awareness, awareness of others, managing emotions in the face ambiguity, and bridging cultural gaps. Students take the Intercultural Development Inventory (IDI). The inventory provides two scores. The perceived orientation score indicates how an individual



views their ability to work with culturally different others. The developmental score is the primary way in which the individual interacts with cultural difference. Students receive their individual score assessments and are debriefed by a Qualified IDI Administrator, who serves as a mentor to the student throughout the international experience. The student and their mentor develop an individualized plan to maximize intercultural growth. Students take ENGR 39700 online while abroad. Students complete assignments pushing them to experiment within the culture and reflect upon experiences. An intercultural mentor provides feedback to guide the reflection process. Students take ENGR 49700 upon return to campus. The reflection process continues while students gain a better understanding of the impact of their experience on future career and academic aspirations. Students retake the IDI, receive information about their individual growth, and organize a plan to continue to develop global competencies after graduation. In addition, the returned students provide mentorship for students preparing to go abroad in ENGR 29701.

The Office of Professional Practice has collected data regarding the impact of the international experience on the 2017 GEARE cohort. The Georgetown Consortium Project of 2009 collected IDI data from 61 U.S. university study abroad programs. The study showed little growth in intercultural development from the international experience alone. For universities implementing structured intercultural learning activities throughout the experience, the average growth in the IDI developmental orientation was 5.02 points. The 2017 GEARE cohort achieved a 12.85 increase in the average score for developmental orientation. Full results from the 2017 cohort can be found below.



# **OPP CORPORATE STEWARDSHIP**

Purdue's Professional Practice programs continue to grow in both size and quality. The Office of Professional Practice and its faculty coordinators in the various colleges and schools facilitate challenging Co-Op, GEARE, and internship (both domestic and international) opportunities for over 1,200 students on the West Lafayette campus.

The Co-Op program, our flagship program, has 692 students currently participating in various stages of the program. We facilitate the three-session, five-session, Master's, Parallel, and newly added Flex Co-Op programs. All of these programs provide students with valuable hands-on experience in their degree fields while simultaneously gaining a world-class education.

Additionally, the popularity of our very unique Global Engineering Alliance for Research and Education (GEARE) program has really taken off with more than 400 students currently enrolled, up from about 100 students just six years ago. More importantly, this group of high achievers maintains an overall grade point average of 3.5 on Purdue's 4.0 scale. We're also extremely proud of the fact that 36 percent of our GEARE students are female.

Our office is pleased to facilitate internships as well — at U.S. locations and abroad — for students who require academic registration while away from campus. Many of our Co-Op and GEARE employers enjoy the added

flexibility that internships offer to complement their longterm Co-Op needs.

We are very grateful for the corporate gifts received for the 2017-18 academic year. Without corporate support, we could not deliver the innovative, high-quality programming that students have come to associate with Purdue's Office of Professional Practice. While we are appreciative of your generosity, we understand that your support is truly an investment in our programs and those who participate in them; we strive to make a positive return on your investment — and we are.

In 2014, Purdue, in concert with Gallup and the Lumina Foundation, launched the Gallup-Purdue Index, a national poll measuring the outcomes of higher education. The study found that 71 percent of graduates who participated in academically relevant work experience were employed full-time at graduation, while also discovering that those same graduates were twice as likely to be engaged in the workplace. Our programs directly influence those outcomes!

Thank you, again, for your support of the Office of Professional Practice. We assure you that we will responsibly use your contribution to enable the achievement of tomorrow's leaders.



# **PROFESSIONAL PRACTICE PARTNERS PROGRAM**

The Office of Professional Practice aids in producing graduates who are job ready, career ready, and world ready. Therefore, our experience-driven graduates are especially lucrative hires in both the public and private sector. Are you interested in filling your talent pipeline with these excellent candidates? Become a Professional Practice Partner today!

SF	ONSORSHIP BENEFITS	BLACK LEVEL \$2,500	GOLD LEVEL \$5,000	PLATINUM LEVEL \$10,000
1	Advertising on LCD screens located in Potter Engineering Center	$\star$	$\star$	$\star$
2	Logo placement on the Office of Professional Practice Website	$\star$	$\star$	$\star$
3	Invitations to participate in Professional Practice and GEARE Industrial Advisory Committee Meetings and Employer Seminars	$\star$	*	$\star$
4	Employer-sponsored seminar or workshop to be coordinated on campus (one per academic year). OPP will assist in arranging space and inviting students	$\star$	*	$\star$
5	Preferred placement at events sponsored by the Office of Professional Practice	$\star$	$\star$	$\star$
6	Registration for 2 free tables to be utilized during Professional Practice Career Fair and/or PPD Interview event	$\star$	*	$\star$
7	Guaranteed Reservation at Annual Networking event with Co-op Students	$\star$	$\star$	$\star$
8	Annual Networking event with GEARE students	$\star$	$\star$	$\star$
9	Logo placement at any conferences and events with Office of Professional Practice representation		*	*
10	Employer-sponsored seminar or workshop to be coordinated on campus or via video conference any time of year. OPP will assist in arranging space or technology and will invite students		*	$\star$
11	Registration for 2 additional free tables (4 total) to be utilized during the Professional Practice Career Fair and/or PPD Interview event		*	$\star$
12	Access to resume booklets for graduating Co-op students		$\star$	$\star$
13	Access to resume booklets for graduating GEARE students		$\star$	$\star$
14	Registration for unlimited free tables during Professional Practice Career Fair and PPD Interview event			$\star$
15	Free Access to campus interview space anytime during the year			$\star$
16	Annual exclusive recruitment event focused on graduating Co-op and GEARE students	6		$\star$
17	Logo placement on select OPP marketing materials			$\star$

# **CORPORATE SPONSORS**

### DAIMLER

Daimler is one of the biggest producers of premium cars and the world's biggest manufacturer of commercial vehicles with a

global reach. They provide financing, leasing, fleet management, insurance and innovative mobility services.



countries, Air Products serves customers across a wide range of industries, from food and beverage to medical, energy and transportation.



CEC Controls specializes in the design, build and startup of industrial and process controls systems. CEC Controls also provides maintenance-monitoring

systems fully equipped with fault alarms and production report generation capabilities.



Exxon Mobil operates in most best known by their familiar

brand names: Exxon, Esso, and Mobil. They make the products that drive modern transportation, power cities, lubricate industry, and provide petrochemical building blocks that lead to thousands of consumer goods.



**Consumers Energy provides** electric service to 1.8 million customers and natural gas service to 1.7 million customers

in Michigan's Lower Peninsula. They serve more than 6 million Michigan residents.

Sabic, headquartered in Riyadh, Saudi Arabia, manufactures on a global scale in the Americas, Europe, Middle East and Asia Pacific, making distinctly different kinds of products chemicals, commodity and high performance plastics, agri-nutrients, and metals.



ZF is a global leader in driveline and chassis technology as well as active and passive safety technology. With its broad portfolio, ZF is advancing mobility and services

for passenger cars, commercial vehicles and industrial technology applications.



Molex (a subsidiary of Koch Industries) is a globally recognized provider of electronic solutions in a wide range of industries,

including data communications, consumer electronics, industrial, automotive, commercial vehicle and medical.



Kimberly-Clark has some of the most recognized brands in the world. Their

brands hold the No. 1 or No. 2 share position in 80 countries, and have five billion-dollar brands: Huggies, Scott, Kleenex, Cottonelle and Kotex.



John Deere is best known for quality agricultural and turf equipment. They're the world's leading manufacturer of farm equipment and take the lead

worldwide in building forestry equipment. They are also a major force in construction equipment.



From electric cars to heavy-duty full-size trucks, General Motors provides a complete range of vehicles that meets the needs and expectations of drivers on a truly global scale. There are

10 distinctive automotive brands under the General Motors corporate umbrella: Chevrolet, Buick, GMC, Cadillac, Opel, Vauxhall, Holden, Baojun, Wuling, and Jiefang.



Whether it's a standby power system for a large data center, a backup generator powering the family home

through an outage, portable generators powering tools at the job site, or the cleaning power of a pressure washer, Generac meets the power needs of consumers and businesses alike. Across the country and around the world.

### EASTMAN Eastman is a global

specialty chemical

company that produces a broad range of advanced materials, additives and functional products, specialty chemicals, and fibers that are found in products people use every day.



GE Appliances designs and builds the world's best appliances. From design to production to service, their goal is to help people improve their lives at home.



Ed Miniat produces customformulated, sous vide-cooked beef, pork, chicken, and

turkey for global food brands and national restaurant chains. Our award-winning chefs, meat scientists, and experienced sales team will partner with you to find the ideal solution for your needs.



Cummins Inc. designs, manufactures, sells and services diesel and alternative fuel engines from 2.8 to 95 liters, diesel and alternative-fueled electrical generator sets from 2.5 to 3,500 kW, as well as related components and technology.

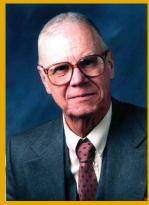
#### Hitachi **Chemical**

Hitachi Powdered Metals (USA), Inc.

Hitachi Powdered Metals (USA), Inc. has been supplying the highest quality, technologically advanced powdered metal products in North America since 1989.



# **STUDENT SCHOLARSHIPS**



### LEONARD E. WOOD SCHOLARSHIP FOR COOPERATIVE EDUCATION

Established in 2007, the four scholarships honor the memory of the late Leonard E. Wood. Wood received his PhD from Purdue University in 1956 and subsequently joined the faculty as a Professor of Civil Engineering. He then became the School of Civil Engineering Faculty Coordinator for Purdue's Cooperative Education Program in 1989, a role he continued in until his untimely death in 2004.

The scholarship fund exists thanks to a generous donation from Professor Wood's widow, Margaret, who sought to honor his dedication to the Co-Op program, while enabling the achievement of today's Co-Op students. OPP has awarded 30 Wood Scholarships since 2007 including this year's recipients.

The Leonard E. Wood Scholarship for Cooperative Education is awarded to deserving Co-Op students based on academic merit and life-changing experiences brought about by the Co-Op program. Cooperative education never had a greater friend, supporter, or promoter, and no one better exemplified the Co-Op value of practical education as a mentor, counselor, and teacher.

### **FALL 2017**



JONATHAN ADAIR, MECHANICAL ENGINEERING 3-Session Co-Op with Exxon Mobil



MARY LIPARI, CHEMICAL ENGINEERING 5-Session Co-Op with Air Products

**SPRING 2018** 



CHRISTINA HETISMER, NURSING 3-Session Co-Op with Eskenazi Health



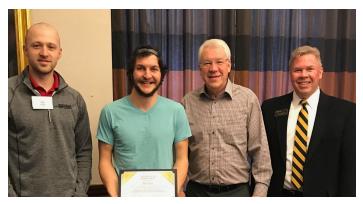
MICHAEL SUTKOWSKI, ELECTRICAL ENGINEERING 5-Session Co-Op with Rheem Manufacturing

This year, OPP experienced robust interest in the Co-Op Scholarships, receiving 37 applications from a wide array of talented students. Applicants were evaluated through the submission of academic credentials, as well as a short essay. After reviewing all applications and thoroughly vetting the finalists, the Selection Committee awarded seven scholarships for 2017-2018 academic year, four in the fall and three in the spring semesters, (four Wood Scholarships, and three Nelson Scholarships). This year's winners will each receive \$500 to be used as they see fit.

### FALL 2017



YIFEI (BELLA) DING, MECHANICAL ENGINEERING 3-Session Co-Op with Cummins, Inc.



PETE STARR, MECHANICAL ENGINEERING TECHNOLOGY 3-Session Co-Op with Samtec

### **SPRING 2018**



GIUILA OLIVIERI, BIOLOGICAL ENGINEERING 3-Session Co-Op with Catalent Biologics



#### WILLIAM C. AND LINDA E. NELSON COOPERATIVE EDUCATION SCHOLARSHIP

William and Linda Nelson have been long-standing generous supporters of Purdue's Co-Op Program. William (Bill) is a graduate from Purdue University in 1974 earning a BS, and a year later, MS in Chemical Engineering. Having over 40 years of industry experience, Bill has recieved many awards to honor his

accomplishments. Most recently, he has been inducted into the 2013 Cooperative Education Hall of Fame as well as been honored as a 2017 Outstanding Chemical Engineer by Purdue University.

An endowment fund was established by Bill and Linda November of 2011, and amended December 2017. The purpose of the amendment was to encourage participation in Co-Op, and reduce the student's time to graduate. Steps to establish, support, and maintain this goal resulted in the creation of annual scholarships to Co-Op students. Additionally, incentive grants for instructors offering on-campus and/ or online courses for Co-Op students have been generated in support of this goal.

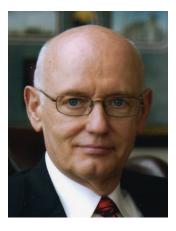
" No one has ever greater appreciated the worth and industry experience afforded by the Cooperative Education Program."

- Bill Nelson

The Office of Professional Practice is grateful for the support it receives from its generous alumni and friends of work-integrated learning at Purdue. Without their financial contributions, OPP could not consistently offer its innovative and highly relevant programming. Therefore, we would like to recognize the following individuals for their altruism and generosity:

# **ANNUAL GIVING**

Keith and Linda Brennan Roger Cain Peter and Candee Krautkramer John and Ann Stauch Michael Dwelly Renee Fieldhouse Steve and Barbara Grenat Bob and Ann Johnson Larry Kane Philip and Susan Karau Donna Meister-Simons John and Kim Minar Grant Newbury Daniel and Laura Niemeier Dennis and Judy Overly Paul and Peggy Reising Rick and Claire Stefaniak Steve and Lori Wanders Bob and Lori Yeager Bill Barbour Richard Major Gregory and Monica Winer Ernesto Barajas Matthew Hopper Michael and Alyssa Wilcox Sean Noble Sarah Smith Eric Born Caley Burke Melissa Polston Michael and Kalli Stull Brianne Garness Douglas Hogenkamp Savannah Hutchins







Many thanks go to Ron Haddock, Tom Malott and Bill Nelson (pictured from left to right) for their incredible support of Professional Practice programs. Their magnificent generosity has already impacted thousands of Purdue students, with many more to feel their support in the years to come!

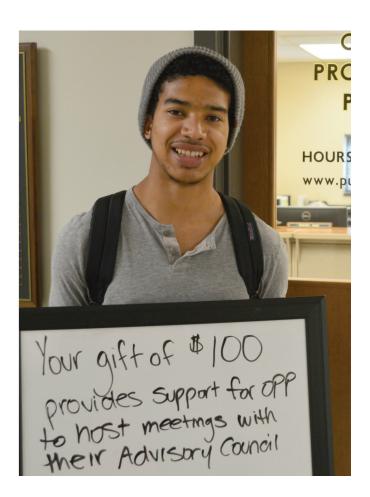
# **OPP IMPACT FUND**

Students who participate in Professional Practice Programs currently pay a \$400 Professional Practice fee each work session to maintain their full-time student status. Thanks to support from President Mitch Daniels, this fee was reduced from \$1,000 to \$400, indexed to tuition (which has remained flat for the past few years).

Our goal is to grow participation in OPP programs to 1,500 students per academic year by 2020. To make our programs as accessible for students as possible, OPP and our students are starting an endowment fundraising campaign for the OPP Impact Fund. Through this fund, we will eliminate the Co-Op registration fee and finance the Office of Professional Practice independently of University resources. The OPP Impact Fund will enable us to increase the number of students we serve and generate the necessary funds to develop courses and provide resources needed for the creation of innovative student development programs and services.

OPP's programs provide Purdue students the competitive edge they need to succeed and to contribute in their professional lives. Your gift helps make these opportunities affordable for all students. Join us in support of the OPP Impact Fund!

Gifts to the OPP Impact Fund count as contributions to Ever True: The Campaign for Purdue University.





# **OUR EMPLOYERS**

With the following list, we acknowledge employers who have actively recruited Purdue **Cooperative Education and GEARE students** 

#### **219 Productions**

**3M Process Instrumentation** and Control Systems 40/86 Advisors, Inc. **AAR Corporation** ABF Freight System, Inc. Acandis ACE Technologies, LLC Actia Corp. **Acuity Brands** ADC The Broadband Company Amazon.com Advance Testing Co., Inc. Advanced Computer and **Communication Systems** Inc. Advanced Micro Devices, Inc. **Aearo Technologies** AEP Aerospace Corp. **Affiliated Engineers AGCO** International Air Force Research Laboratory Air Liquide Air Products and Chemicals, Inc. Air Tractor j.d.oo Airbus Aisin USA Manufacturing Inc. **AK Industries** AK Steel Corp. Akalan Technologies, LLC Alan Meyers Albemarle Corp. Albert M. Higley Co. Alcan Aluminum Corp. Alcatel-Lucent Alcoa Aleris Inc. Al-Ghanim International AlGood Food Company Allegheny Energy Allegion Alliance Group Technologies

Allison Transmission Inc. Alltech Ally PLM Solutions, Inc. Alt and Witzig **Altaeros Energies** Altair Engineering Altec Industries Inc. Alticor Inc. Alzheimer's Association AM General Ambarella Inc. Ameren **American Airlines** American Axle & Manufacturing Inc. American Bridge American Cast Iron Pipe Company American Consulting Engineers of FL, LLC **American Diabetes** Association American Infrastructure American Structurepoint, Inc. American Woodmark Corporation Amped I AMTRAK **Analog Devices** Analytical Graphics Inc. Anheuser-Busch Anning-Johnson Apple Inc. **Applied Engineering** Services, Inc. **Applied Pavement** Technology, Inc. APS Aptar ArcelorMittal USA Archer Daniels Midland

Company

**ARCO/Murray National Construction Company** ARCONIC Ardisam Inc. Argon ST Argonne National Laboratory Aries Technology Company ARM, Inc. Armstrong World Industries, Inc. **Arsee Engineers Ascend Performance Materials** Asteria Aerospace AstraZeneca Pharmaceuticals Astronautics Corporation of America ATA Engineering, Inc. ATC Associates, Inc. **ATT Indianapolis** Atwood Mobile Products LLC Aurora Parts & Accessories, LLC Autocar Avidyne Corporation AxoGen Badve Engineering Ltd. **BAE Systems** Baidu Baker Concrete Construction, Inc. **Baldor Electric Ball Aerospace and** Technologies Corp. **Ball Systems Technologies** Banjo Corp. **Barrios Technoloy** Barry-Wehmiller Design Group Broad Air Conditioning BASF Corp. **Bastian Material Handling** Batesville Casket Company, Inc. Baxter and Woodman, Inc.

Baxter Healthcare Corp.

#### INDIANA EMPLOYER

**GLOBAL EMPLOYER** 

#### BOTH INDIANA AND GLOBAL

Beam Global **Bechtel Corporation** Beckett Corp., R.W. **Behavior Analysis Center for** Autism **Beijing Union Hospital Belcan** Corporation Belden **Belectric Bell Helicopter Bendix Commercial Vehicle Systems Bernard Welding Berry Plastics** Black and Decker **Black and Veatch Corporation** Blackboard Inc. Blichmann Engineering Blue Horseshoe Solutions, Inc. Blue Oriain, LLC **BMW Manufacturing Bonar Group Booz Allen Hamilton Borealis Borg Warner** Bose Corp. **Boston Scientific Corporation** Bowen Engineering Corp. **BP** America Brand Energy Services, LLC. Braun Corp. Brenner Design Inc. **Bridgestone Americas Tire** Operations **Briggs & Stratton Corporation Bristol Myers Squibb Brose North America BRP-Marine Propulsion Systems** Division BSA **Bucyrus** Bundy Corp.

#### Bunge **Burgess and Niple Limited Burgess Norton** Manufacturing **Burns and McDonnell Butler International** Butler, Fairman and Seufert, Inc. **Butt Construction Company** BW Design Group C&D Technologies, Inc. **Cal Comp Electronics USA** Caldwell Tanks, Inc. California Institute of Technology California Pellet Mill Co. Caltherm Cambium Networks Camp Dresser and McKee Inc. Campbell Hausfeld Camso Loadstar (PVT) **Cardinal Health** Cargill Inc. **Carson Design Associates Carter Fuel Systems Catalent Biologics** Caterpillar, Inc. CB Burke Engineering, Ltd. **CEC Controls Company Inc.** Celanese Centers for Disease Control and Prevention (CDC) Central Intelligence Agency **CF** Industries Inc. **CFC** International **CG** Visions Charles Pankow Builders, Ltd. Chemische Verfahrenstecknik **Chemtura Corporation Chevron Phillips Chemical** Company LP Chicago Bridge and Iron Chicago Magnesium Casting Company Chicago Powdered Metal **Products** Co China Bridge Capital **CHN** America LLC **Chongqing Sehr Robot** Technology Ltd. **Christina and Company** Cigital Cinetic Sorting Corp.

Circle Design Group, Inc.

Cisco Citgo Petroleum Corp. **Civil Engineers of Southwest** Ohio Civiltech Engineering, Inc. **CK Enterprises** Clarisond, Inc. **CLARK Material Handling** Company **Clarke Engineering** Clear Channel Media and Entertainment **Clever PPC** Clorox **Closure Systems International** Clune Construction Co. **Cobalt Aircraft Coleman Cable Commonwealth Engineers** Community Health Network Compania Nacional de Chocolates Computer and Communication Dassault Falcon Jet Technologies, Inc. **Concurrent Technologies** Corporation **Conger Construction Group Consumers Energy** Continental **Continental Automotive** Systems **Contour Hardening Control Southern Controlled Air** Conversant Cook Medical Cook Research **Cooper Industries** Cooper Tire and Rubber Co. **Corn Products Cornerstone Autism Center Cornerstone Consolidated** Servoces Group Cornerstone Controls, Inc. Countrymark Covidien CP+B Crane Army Ammunition Activity Crawford, Murphy and Tilly, Inc. (CMT) **Crazy Town** 

#### Crider & Crider, Inc.

Crowder Construction Co. Crowe Horwath Crowe Horwath, LLP. Crown Cork and Seal CSL Behring CSN. LLC CSO, Inc. **CSX** Transportation **CTE Centro De Tecnologia** CTL CTS Corp. Cummins Inc. Cummins-Allison Corporation Curtiss-Wright **CYPE** Ingenieros **Cypress Semiconductor DAAD** Rise Program Daimler Dalton Corp. **Danis Building Construction** Co. **Dart Container** Datum Aerospace David Evans and Associates, Inc. **Dedert Corporation Defender Direct** Dekko Technology **Delco Electronics** Delphi Corp. **Delta Air Lines** Delta Faucet Co. DENSO Depuy **Design Aire Engineering Design Collaborative Design Group** Design Systems, Inc. **Diamond Chain** Dickey-John Corp. DiClemente Siegel Design Inc. **Diebold Incorporated** Digiop Technologies, Inc. **Diversified Systems** DLR **Dometic Corporation** Dominion Domtar Donnelley, R.R. and Sons Co. DoubleMap Inc. **Dow Chemical** 

**Dow Corning Corporation Duke Energy Duncan Aviation-BTL Duoline Technologies DuPage County DuPage Machine Products** Dupont E & J Gallo **E** Technologies Group E. & J. Gallo Winery E2M EAFIT Earth Exploration, Inc. Eastman Chemical Co. Eaton Corporation **ECSSolutions Edmund Optics** Egefer Ltd. **Egen Solutions** Electro-Motive Diesel Eli Lilly **Elkhart County Highway Elkhart Products Corp** Emerson EMJ **Encore Construction Company** Endress + Hauser, Inc. **Enercon Services** EnerDel Eneraizer **Engineering Consulting** Services (ECS) Engineering Innovation, Inc. **Engineering Resource** Associates Enkei America, Inc. **Ensacar SA** Entearis **Enterprise Products** Enterprise Rent-A-Car **Erickson** Erico Inc **ESAK** Eskenazi Health **Espouse Technology** ETA ETC, Inc ETH Zurich Research Ethicon Endo-Surgery, Inc. Ethyl Corp. Evenflo **EvensTime Evonik Degussa Corporation** 

# **OUR EMPLOYERS**

Evraz Inc. NA Exelis Inc Exelon Nuclear exp Federal Experian Exxcel Contract Management Exxon Mobil Corp. F. H. Paschen, SN Nielsen FAB Construction FACEBOOK Fairchild Semiconductor Fairfield Faurecia FCA US LLC (Fiat Chrysler Automobiles) Federal-Mogul Corp. Fermilab Ferrovial-Civil Infrastructure FEV Inc. **Firestone Building Products** First Energy Corp. Fisher and Partners **Fleetwood Motors** FLEIS & VANDEMBRINK ENG Flexco Flowserve Corp. Fortune Brands Home & Security Franklin Electric Freese and Nichols, Inc. Fresenius Kabi, USA LLC **Fresh Express** Freudenberg-Nok Frito-Lay, Inc. Frontier Airlines Fuel Tech Inc. **Fugro West Incorporated** Fuller, Mossbarger, Scott and May **FUZION** GAF Gallatin Steel Garmin International Garney **Gates Corporation** GE Appliances - a Haier Company **GEA Küba GENCO** 

**Generac Power Systems General Cable** General Electric General Motors Corp. **GENESYS** Corporation Gentex Gerresheimer Glass **Gessner Engineering GKN Sinter Metals** Global Goodwin and Marshall, Inc. Goodyear Tire and Rubber Co. Graiman Grain Processing Corporation Graycor Greatbatch Greeley and Hansen, LLC Greenlee Grundfos **GRW Engineers**, Inc. GS1 GTL / Illinios River Energy **Guardian Automotive** Products, Inc. Gulfstream Aerospace H and S Manufacturing Haley & Aldrich Halliburton Hamilton Consulting Hannover Clausthual Hardt Electric Harlan Laboratories, Inc. Harlev Davidson HARMAN Harman International Inc Harris Corporation Harvey-Cleary Builders Hasbro Hawk Corporation Hawkins, Inc Hayward Baker Inc. Hazen and Sawyer, P.C. HD Investment Corp Hydroelectric Plant Heapy Engineering **HeartWare** Helena Industries Helix Medical LLC Hella Electronics Corporate

Center Helmer Scientific HENDRICKSON Heritage-Crystal Clean, LLC Herzog Companies Hewlett Packard HEXBUG Hillenbrand Inc./Batesville **Casket Company** Hills Pet Nutrition Hindustan Petroleum Limited Historic New Harmony Hitachi HITT **HNTB** Holder Construction Holland Hollister Incorporated Honda Honeywell, Inc. Hong Kong Polytechnic Hoosier Molded Products Hormel Foods **Howmet Castings HP** Barcelona Husco International **IBI** Group IBM IE Internship Employer Illinois Aviation Academy Illinois Department of Transportation Illinois Tool Works IMMI Independent Can Company Indesign, LLC Indian Oil Company Indiana American Water Indianapolis Power and Light Indurama Industrial Contractors Industrial Dielectrics. Inc. Ingersoll Rand Ingredgion **INMEL Ingenieroa S.A.S** Innophos, Inc. Innovative Scientific Solutions Inc. Integer

#### Intel Intel Microelectronics Intelligrated Systems, LLC Interactive Intelligence International Livestock **Research Center** International Paper International Truck and Engine Corp. Inteva Products Isuzu North America Corporation **ITT Communications Systems** ITW Deltar Fuel Systems **ITW Produx** Iwis Drive Systems, LLC Jacobs Jarden Corporation **Jasper Engines** JDSU Jedson Engineering Inc. John Deere John Manville Johnson & Johnson Johnson Controls Automotive Group Johnson County REMC Jones Company Jordan & Skala Engineers **JTFKT** K and M Wireless Kane County **Kaplan Financial Kapstone** Paper Kautex Kendrion (Mishawaka), LLC **KERAMIDA Inc.** KFC Kiewit Kimball Int'l **Kimball Office** Kimberly-Clark Corp. Kimley-Horn and Associates, Inc. **Kinetic Vision** King Abdullag Design and **Dev'l Bureau Kirby Risk KIT Research**

**Kleiner Perkins Caufield & Byers** Klingner & Associates, P.C. **Knauf Insulation Knorr-Bremese Espana Koch Industries Kohls Department Store** Kokomo Grain Kokosing Construction Co. **Kokosing Construction** Company Korda Nemeth **KPFF** Consulting Engineers Kraft Foods, Inc. Kroger **KTH** Sweden **Kuwait Reinsurance Company** L.A. Fuess Partners, Inc. L-3 Communications Lafarge North America Lafayette Catholic School System Lam Research Landis and Gyr Landrum and Brown Lantech LANXESS Corporation Latitude Communications Lau Industries LeanTaaS, Inc. Lee County Leibiniz University Research Leichtwerk Lennox International LEONI Wiring Systems Inc. Lexmark Int'l., Inc. LG and E LHP Liberty Group Group Liberty Partners Financial Services Life Spine Lincoln Electric Co. Lippert Components Lockheed Martin LOD Logan Aluminum Logicalis Inc. L'Oreal USA Los Alamos National Laboratory Louisville Water Co. LSC Communications

Lubrizol Corp. Luckett & Farley Lutron Electronics Co., Inc. LyondellBasell M.D. Wessler and Associates, Inc. M.E. Simpson, Co., Inc. MAC Construction and Excavating MACTAC Made2manage Systems, Inc. Magna Mahindra Malcolm Pirnie Mallorv Automotive Motor and Controls Manhard Consulting Manipal Inst. Tech Manufacturing Technology Marathon Petroleum Company LLC **Maregatti Interiors** Marian, Inc. Mass Electric **MathWorks** Matrix Technologies, Inc. Max Planck Institute Maxon/Honevwell Mayo Clinic **McAfee McCarthy** McShane Construction Corp. **Mead Johnson** Meag Power **MED** Institute Medtronic **MedVenture Technology** Menard Group USA Mercury Meridian Design Build Meritor Messer Construction Metal Technologies, Inc. **MGMIM Internship Employer** Michael Baker International Michelin North America **Microchip Technology** Micromatic LLC Micron Technology Midea America Corp Midmark **Midwest ISO** Milacron Plastics Technologies Naval Surface Warfare Center

Group LLC **Milestone AV Technologies** LLC Miller-Valentine Group Milliman PRM Analytics Mindel, Scott & Associates **Miniat Holdings LLC** Minster Machine Co. MIT Lincoln Labratory Mitsubishi **MJ** Harris Modine Manufacturing Company Molex, LLC MonoSol Rx Monsanto Montero Co. CDS Int'l Montez EPS Solutions Montgomery County **Economic Development** Moog Inc. **Morey Corporation** Morgan Thermal Ceramics Morton Int'l. Moto Development Group Motoman, Inc. Motorola Mobility Mozilla Corporation MPD Inc. **MRO Engineers** ms consultants, inc. MSA Safety MSC Software MTI **Multimatic Indiana MWM Acoustics** MWM Gmbh Nakatani Reis U.S. Fellowship Program Nalco Company Nanjing Aetocar Refrigiration Company Nanshan Nanyang Tech Research NASA/Dryden Flight Research Center NASA/Glenn Research Center NASA/Johnson Space Ctr. NASA/Kennedy Space Center n-ask National Freight Industries National Security Agency

Navsea Nestle New York Power Authority Newburg Construction Newell Rubbermaid Nibco Inc. Nicholson Nidec Motor Company Niowave, Inc. Nishiwaka Standard Co. Nok Air Nordson Corp. Norfolk Southern Corp Northrop Grumman Northwestern Mutual **Novae Corporation** Novelis Inc. NSG/Pilkington North America NTH Consultants, Ltd. NTN Nuclear Management Company, LLC Nucor Steel Nufarm Americas Inc. Nurse Family Partnership NuVasive,Inc. **NVH Metrics**, Inc. **NVIDIA** Oak Ridge National Laboratory Oatey Company O'Brien and Gere Odle, McGuire, and Shook Corp. **OERLIKON** Office Interiors, Inc. Ohio Department of Transportation **OHL** Logistics O-I **Omron Automotive** Electronics One Eleven Design **Open Control Systems** Opinator Optimal Design Co **Optima-Pharma Opus East Opus Holding LLC Orbital ATK** Oscar Winski Company, Inc. Oshkosh Corporation Oswald Company O'Tech Corporation

# **OUR EMPLOYERS**

**Outside Source Design Overton Industries Owens-Illinois Oystar IWK** P3 North America Pace Dairy Foods of Indiana PACIV Palm Oil Refinery Panduit Corp. Paragon Medical Inc Parker Hannifin Parsons Brinckerhoff Patheon Pharmaceuticals, Inc. Remenschneider Design, Inc. Patriot Engineering PCC Airfoils PCL **PEI GENESIS Peloton Land Solutions** Pentair Perkins Power Permasteelisa Perry and Associates, LLC **Pilkington North America PinnacleAIS Planetary Resources Plexus** Corporation **Plymouth Tube** Pole/Zero Corporation Polyone Corp **Porter Systems Power Construction** Power Transmission Solutions **Praxair Electronics** Praxair Surface Technologies, Inc. Precision Castparts Corp. Premier Builiding & Design **Premier Power** Premier System Integrators **Prescient Surgical** Prince Castle Procter and Gamble Co. **Product Action** Professional Consultants, Inc. **Public Consulting Group Purdue Technical Assistance** 

**Quest Diagnostics Ouest Global** R.A. Jones and Co., Inc. **Rabine** Paving **Radian Research Radio Flver** Ralcorp **Raybestos Products Co.** Raytheon Rea Magnet Wire **Red Arch Solutions** REGAL Renault **Research in Motion Rexnord Industries**, LLC Rheem Manufacturing Company Rhinestahl **Richard Childress Racing Richard Equipment Company** (RECO) **Richard L. Roudebush VA Medical Center Robert Bosch Corporation** Roche Diagnostics Operations, County Inc. **Rockwell Automation Rockwell Collins** Rohm and Haas Kentucky Inc. **Rolls-Royce** Roquette America, Inc. **Royal United Mortgage** RQAW Corp. **RTM and Associates Ruhr University Bochum** Ruscilli Construction, Inc. **Rust-Oleum RW** Armstrong **Rytec Corporation** S and C Electric Co. **SABIC Innovative Plastics** Safety-Kleen Systems, Inc. Sage Environmental Consulting, L.P. Sager Metal Strip Co. SAIC Saint Gobain Containers SAJE (Scott A. Jones

**Enterprises**) Samtec Sandia National Laboratories Sapura Kencana Power Service Solectron Sargent and Lundy Sarten Ambalaj Ticaret ve Sanayi AS SBB Research Group Schaeffler Schlumberger Schnabel Foundation Company Schneider Corp. SCHOTT North America, Inc. **SCHULTE Corporation Science Applications** International Corporation (SAIC) **SDI Innovations** Sebesta Blomberg and Assoc., St. Onge Company Inc. Sensor Technology Systems Seoul National University SER San Antonio Servpro of Western Lake Shambaugh & Son L.P. Shanghai Dechen Automotive Steelcase, Inc. Sales Co. Shape Corp Sheet Dynamics Ltd (SDL) Shenyang Machine Tool Company Shield Restraints Systems Inc Siemens Signature Organizing Service SOS Simulex Inc. (SEAS) SJTU Research **Skender Construction** Sloan Smurfit-Stone Container Corporation SoCore Energy Software Development Technologies Software Engineering Professional

Soil and Material Consultants,

Inc. Solae Co. Solar Turbines Inc. Solutia, Inc. Solvav Sona International, Inc. SonaCare Medical Southern Company Transmission Southlake Automation Southwire Spacex Speedway LLC Speedway Superamerica LLC Spiretech Square Inc. **S-Ram Dynamics** St. Jude Medical St. Vincent Indiana Stanley Convergent Security **Solutiions** Stant Corporation Stantec Starburst Accelerator Steel Dynamics, Inc. Stihl Inc. Stored Value Systems Structural Analysis Engr. Corp. Strvker Subaru of Indiana Automotive Sulzer Euroflamm US Sun Chemical Corp. Sun Hydraulics SunCoke Energy Super Systems, Inc. **Superior Essex** Suzhou WSD Purification Technology Swagelok Co. Symmetry Medical **Synopsis** Sypris Solutions T & B Tube TAS Energy **Tata Consultancy Services** Tate and Lyle North America,

Program

**Oualcomm** 

Purdue University

Inc. **TCP** Reliable **TE Connectivity TEC AIR INC Techinical U Darmstadt** Technicolor Technology Internship **Employer** TechSolve, Inc. TECSUP **TECT** Aerospace Teko Kaeltetechnik **TEKO** Refrigeration **Tendercare Home Health** Services, Inc. **Tenneco Automotive** Tennessee Valley Authority **Tesla Motors** Test and Controls International, Inc. Tetra Tech **Texas Instrument** Thaicom The Andersons Inc. The Andersons, Inc. The Dallas Group of America, Inc. The Dannon Company The Flournoy Companies The Hershey Company The Hon Company Asia The Kroger Co. The MITRE Corporation The Morey Corporation The Nemeth Group, Inc. The Newark Group The Scotts Miracle-Gro Company The Timken Company The Troyer Group The Walsh Group The Walt Disney Company ThermaTru **Thermo Scientific Pierce** Protein Research ThyssenKrupp Crankshaft Company Timco Aviation Services, Inc. **Timken Company Torad Engineering** Tornier

Tosoh SMD, Inc. **Town of Fishers** 

TOYOTA Trane Trans-Pacific Engineering Corp. Transworks, Inc. Transystems Corp. Traylor Bros., Inc. Trellebora Triclinic Labs Trimble **Trinity Industries** Troyer Group, Inc. **Tsinghua University Research** TU Tumani Innovation Center Turner Collie and Braden **Turner Construction Co., LLC** Tyco Thermal Controls **Tyson Foods** U Applied Sci Buchs Research **U.S. Nuclear Regulatory** Commission U.S. Steel **UC3M** Research **UL LLC** Ultralingua Inc. Unilever **Union Pacific United Airlines United Consulting United Parcel Service** United Solar Ovonic LLC **United Technologies** University College London Research University of Cantebury Research University of Modena University of Queensland Research University of San Francisco de Ouito University of Stuttgart Univertical Inc. UOP **Urschel Laboratories** Incorporated US Army Corps of Engineers **US Nuclear Regulatory** Commission **USF Holland USG** Corporation

V3 Companies

Valco Melton VALEO Valiant Machine & Tool Inc. Validated Customs Solutions Valspar Corp. Vantage Specialty Chemicals Vectren Vehicle Service Group Venturesity Vertellus Specialties Inc. Veteran's Affairs Medical Hospital **VHA** Central Victualic Vista Host Vitesse Semiconductor Corporation **VMWare** voestalpine Rotec, Inc. Volvo Car Corp. VS Engineering, Inc. **VW Shanghai** W S G Manufacturing W.M. Lyles Wabash National Wabash Valley Alliance, Inc. Wahl Clipper Walsh Group Walt Disney World Watchfire Signs Watlow Electric Manufacturing Co. Wayne Water Systems Weaver Boos Consultants Webb Wheel Products, Inc. Weigand Construction Company Inc. Weihe Engineers, Inc. Weitz Wellpoint West Port Westell Western Michigan University Westinghouse Savannah River Co. Weyerhaeuser Co. Whirlpool **WHITMORE** Wilson Sporting Goods Winamac Coil Spring Inc. Windy City Representatives Wockhardt Pharamaceuticals Wolf Technical Services, Inc.

Wonderware Central Wooga GmBH Woolpert Work Horse Custom Chassis WORKS Entertainment World Kitchen Wright Industries Wrigley Company WSP USA Wvle Wyle Aerospace Group XCG Consultants, Inc. Xtek Yang-Ming University Research YASKAWA AMERICA Inc. YELP Zamil Steel Zebra Technologies Corporation **ZF** Services ZimmerBiomet **ZOLL Medical** 



Potter Engineering Center, Room 114 opp.purdue.edu propractice@purdue.edu (765) 494-7430







