PROFESSIONAL PRACTICE PROGRAMS

August 12th, 2019

Joe Tort
Associate Director, Global Professional Practice

OFFICE OF PROFESSIONAL PRACTICE
Potter Engineering Center, Room 114
MISSION:
To facilitate the experiential education and professional practice of Purdue University students within the academic environments of the institution and its global partners; to participate in academic research within the field of Professional Practice; and to assist the academic units with enhanced employer engagement.

VISION:
To offer comprehensive services to all Purdue students, staff, faculty, and employers participating in national and global Professional Practice Programs.
OFFICE OF PROFESSIONAL PRACTICE

Operation Overview

300 Active Employers
Serving 1,500 Students
32 Faculty Coordinators
8 Staff Members

8 Colleges
- Agriculture
- Engineering
- Liberal Arts
- Management
- Pharmacy
- Science
- Health & Human Sciences
- Purdue Polytechnic Institute
OFFICE OF PROFESSIONAL PRACTICE

Program Overview

DOMESTIC OPPORTUNITIES
- 5-Session Co-Op
- 3-Session Co-Op
- Master’s Co-Op
- Parallel Co-Op
- Interns for Indiana
- *Flex Co-Op (Initial Rollout)*

GLOBAL OPPORTUNITIES
- GEARE Internships
- Study Abroad
- Research Experiences

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VALUE OF WORK EXPERIENCE
Employers’ Hiring Preferences Relative to Experience

Nearly 91 percent of employers responding to NACE’s *Job Outlook 2017* survey prefer that their candidates have work experience, and 65 percent of the total group indicate that they prefer their candidates to have relevant work experience. 56 percent of employers prefer students gain their work experience via an Internship or Co-Op.

*Source: Job Outlook 2017, National Association of Colleges and Employers*

Over the last several years, the vast majority of employers with Internship and Co-Op programs indicated the “primary” focus of these programs was to recruit college graduates for full-time, entry-level positions.

*Source: NACE 2017 Internship & Co-Op Report*
WHAT IS COOPERATIVE EDUCATION?

Co-Op

Work-Integrated plan of study that alternates semesters and summers of:

- On-Campus Academic Study
- Work Rotations with an Industry Partner

Paid Work Experience

Integrates theory with (Professional) Practice

Over 300 active employers

- 96 active global program employers
1st year students with a GPA 2.80+ are eligible to participate in the 5-Session Co-Op Program. They need to complete all 1st year coursework and declare a discipline for purposes of Co-Op application.

1st work session will typically be either summer or fall semester. After that, there will be alternating academic and work sessions every semester for the remaining years. (5 work sessions total = 18 months)

### Program Overview

<table>
<thead>
<tr>
<th>1st YEAR</th>
<th>2nd YEAR</th>
<th>3rd YEAR</th>
<th>4th YEAR</th>
<th>5th YEAR</th>
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- **PLAN A**: On campus | Work session | On campus | Work session | On campus | Work session | On campus | Work session |

- **PLAN B**: On campus | Work session | On campus | Work session | On campus | Work session | On campus | Work session |

- **PLAN C**: On campus | Work session | On campus | Work session | On campus | Work session | On campus | Work session |
2nd and 3rd year students with a GPA 2.60+ are eligible

Additional callout is held during the Fall semester.

Most flexible program with 5 options for completion of work rotations.

Alternating academic and work session every semester afterwards. (3 work sessions total = 12 months)

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<tr>
<th>1st Year</th>
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<th>3rd Year</th>
<th>4th Year</th>
<th>5th Year</th>
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- **F**: on campus
- **S**: work session
- **SS**: optional on campus
FINANCIAL IMPLICATIONS

Students are compensated by their employers, at a rate commensurate with experience.

Students graduate in five years, but pay only four years of tuition!

Financial aid (University merit scholarships, etc.) will USUALLY be applied to semesters of on-campus academic study.

Pay only program fee of $400 during Co-Op sessions.

Co-Op wages do not count towards Estimated Family Contribution (EFC).

### 5-Session Co-Op

<table>
<thead>
<tr>
<th>Co-Op Session</th>
<th>Compensation Guideline</th>
<th>Monthly Salary</th>
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<tr>
<td>1st</td>
<td>58%-62%</td>
<td>$3,449</td>
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<tr>
<td>2nd</td>
<td>62%-70%</td>
<td>$3,642</td>
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<tr>
<td>3rd</td>
<td>70%-75%</td>
<td>$3,790</td>
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<tr>
<td>4th</td>
<td>75%-80%</td>
<td>$3,806</td>
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<tr>
<td>5th</td>
<td>80%-85%</td>
<td>$4,186</td>
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### 3-Session Co-Op

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<tr>
<th>Co-Op Session</th>
<th>Compensation Guideline</th>
<th>Monthly Salary</th>
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<tbody>
<tr>
<td>1st</td>
<td>70%-75%</td>
<td>$3,486</td>
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<tr>
<td>2nd</td>
<td>75%-80%</td>
<td>$3,513</td>
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<tr>
<td>3rd</td>
<td>80%-85%</td>
<td>$3,708</td>
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Data portrayed is an average – individual disciplines numbers may vary.
Connects entrepreneurially minded Purdue students to startup and second-stage companies.

Goal of providing STEM talent to ventures that otherwise could not afford it with hopes of retaining graduates in Indiana.

- Companies employ student interns at near minimum wage (approx. $8-$9/hour).
- Purdue supplements student income in the form of an award using Purdue funds.
- Total compensation to student will be competitive with other Purdue-sponsored experiential learning, programs (e.g. SURF).
GEARE
Global Engineering Alliance for Research & Education

GEARE is Purdue’s flagship global engineering program

Combine domestic work experience with international exposure, study abroad, and language training

Earn a Global Engineering Studies Minor

International/Professional experience with on-time graduation!

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**GEARE**

**Program Overview**

- Minimum 3.0 GPA
- Enroll as a first year student or sophomore
- 5 mandatory sophomore meetings
- Domestic internship/research session
- International internship/research session

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<th>Component</th>
<th>First Year</th>
<th>Second Year</th>
<th>Third Year</th>
<th>Fourth Year</th>
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<td>Foreign Language Study</td>
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<td>Informational Meetings</td>
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<td>Domestic Internship</td>
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<td>Orientation Seminars</td>
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<tr>
<td>Study Abroad</td>
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<td>International Internship</td>
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<td>Global Design Project</td>
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<td>Poster Presentations</td>
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Blocks indicate typical time ranges in which each component occurs. Individual components may not necessarily last for the entire duration of the time block shown. Actual schedules vary based on students’ individual circumstances.
GEARE is a cost neutral program

Study abroad students may qualify for:
- One $2,000 grant
- One $1,000 grant

Internship
- Pay only $400 registration fee during internship rotations
- Receive varied compensation for domestic internship
- International internship will generally cover only living expenses
- OPP may award a Global Living Assistance Grant to help with costs
GEARE
Current GEARE Languages

42% STUDYING SPANISH
38% STUDYING GERMAN
10% STUDYING FRENCH
4% STUDYING CHINESE
4% STUDYING JAPANESE
2% STUDYING ITALIAN
GEARE UNIVERSITY PARTNERS
Primary Locations and Universities

China
- Shanghai Jiao Tong University

Colombia
- EAFIT
- Universidad del Norte

France
- ESTACA
- CPE Lyon

Germany
- Karlsruhe Institute of Technology
- Ruhr University of Bochum
- Technical University of Braunschweig
- Otto von Guericke University of Magdeburg

Italy
- Politecnico di Milano

Japan
- Osaka University
- Tohoku University
- Waseda University

Mexico
- ITESM (Queretaro campus)

Spain
- Universidad Carlos III de Madrid
- Universitat Politecnica de Catalunya

Ecuador
- Universidad San Francisco de Quito
GEARE UNIVERSITY PARTNERS
Secondary Locations and Universities

Australia
• University of Queensland

Denmark
• Technical University of Denmark

Ireland
• National University of Ireland (Galway)

New Zealand
• University of Canterbury

Singapore
• National University of Singapore
• Nanyang Technological University

Sweden
• KTH Royal University of Technology

Turkey
• Bogazici University

UK
• University of Bristol
• Imperial College London
• University College London
RESEARCH EXPERIENCES
Program Overview

Mostly for students after their Junior year with a minimum 3.00 GPA.

For academic credit

Typically during the Summer at Partner Universities

- Braunschweig, Germany
- Hannover, Germany
- Stuttgart, Germany
- Tsinghua University, Beijing, China
- Shanghai Jiao Tong University, China
STUDENT AMBASSADOR PROGRAMS
Outreach Initiatives

Student ambassador groups assist Program Staff by:

- Soliciting program feedback
- Conducting surveys
- Assist at the Professional Practice Career Fair
- Hosting employers

- Conducting workshops, seminars and study breaks
- Assembling displays around campus
- Hosting social events
Core Mission: Building awareness, Mentoring students, and Fostering relations

Talented leadership: 11 Executive Board Members

Membership: 80+ Co-Op Ambassadors

Key initiatives PPA is involved in...

- Increasing representation of non-engineering co-op students in PPA
- Motivating greater participation in credit incentivized co-op seminars
- Enabling face-to-face interactions with co-op alumni and members
- Organizing a unique, value-added networking event for prospective students
- Promoting higher member engagement within the organization

Advisor: Steve Wanders

President: Collin Willoughby, CHE ’17
STUDENT AMBASSADOR PROGRAMS

GEARE Ambassadors

- **Core Mission:** To strengthen Purdue’s GEARE program by lending support to OPP initiatives and aiding students in their global GEARE pursuits.

- **Talented leadership:** 10 Executive Board Members

- **Membership:** 83 total members

**Key initiatives GEARE-A is involved in...**

- “Survival Guides” for future travelers
- Facilitating transition for international GEARE students
- Assisting in OPP recruiting efforts

Co-Advisor: Joe Tort, Tina Alsup

President: Visheshta Malharta, EE ’17
Steve Wanders
(765) 494-7428 | swander@purdue.edu