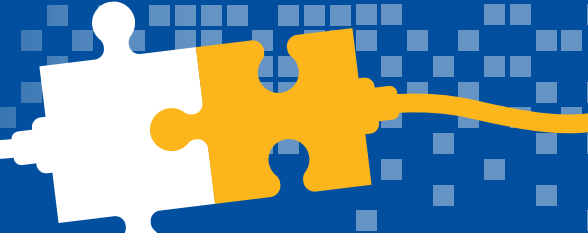


PARTNER WITH PITT ENGINEERING

Industry engagement opportunities across energy, talent, and innovation

■ The Swanson School of Engineering offers multiple pathways for industry to connect with students, faculty, and research – from building future talent pathways to advancing collaborative technology and innovation initiatives. Several programs help companies connect with emerging engineering talent, shape student learning, and explore research and innovation opportunities with one of the nation's most established engineering schools.



Natural Gas, Renewables, and Oil (GRO) Engineering

Offered through the Department of Chemical and Petroleum Engineering – home to the world's first petroleum engineering program 1910 – GRO is the nation's first undergraduate petroleum engineering degree that integrates traditional oil and natural gas coursework with a comprehensive focus on renewables. The curriculum pairs core courses in geology, chemistry, drilling, and production with renewable energy courses spanning solar, wind, hydro, biofuels, energy storage, subsurface decarbonization, hydraulic fracturing, and underground CO₂ disposal.

Ways to Engage

- Offer internships or co-op opportunities
- Serve on the advisory board
- Participate as a guest speaker

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Engineering Talent Pipeline

The Office of Experiential Learning and Professional Engagement (ELPE) serves as a one-stop shop for recruiting across all nine engineering disciplines. Employers can access both co-op placements – structured as three alternating rotations or two six-month terms – and summer internships (10–12 weeks). ELPE also supports companies in developing longer-term campus engagement strategies, from information sessions and classroom presentations to senior capstone project sponsorships.

Ways to Engage

- Recruit at job fairs and specialized events
- Post co-op and internship opportunities
- Sponsor or mentor senior capstone design projects
- Build early connections with student talent

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Research, Technology Development, and Innovation

The Swanson School's Office of Research supports industry collaboration across six engineering departments and a network of specialized centers, institutes, and laboratories. Focal areas include energy systems, sustainability, biomedical engineering, nano-engineering, computational modeling, advanced manufacturing, and materials development. Engagement models range from basic research and fee-for-service projects to longer-term technology development initiatives and innovation and entrepreneurship partnerships.

Ways to Engage

- Explore sponsored or collaborative research
- Pursue applied or fee-for-service projects
- Partner on technology development initiatives

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