Since 1988, PCP supports and oversees a wide range of programs designed to increase the success of Oregon’s K-12 youth by building college connections and promoting career readiness. PCP advances the four goals of OSU’s Strategic Plan SP 4.0 by contributing to:

**Goal 1**
Preeminence in research, scholarship and innovation

**Goal 2**
Accessible and transformative education

**Goal 3**
Significant impact in Oregon and beyond

**Goal 4**
A culture of belonging and collaboration

- Broader impacts and outreach support for faculty.
- STEM programming and college connections for underserved audiences.
- K-12 programming across Oregon and the nation.
- Early engagement and brokering research with K-12 students.

“OSU’s Beaver Hangouts has helped create a college-going culture in my classroom. Many of my students will be first-generation college goers. As 7th graders, college is an abstraction, and few of them are developmentally able to conceptualize abstractions.” - Lizzie Petticrew, Assistant Principal, St. Andrew Nativity School.

**PCP supports Broader Impact (BI) activities for faculty researchers.**

- **Offering** a menu of services and infrastructure to deliver STEM programs and curriculum, college connections, and teacher professional development.

- **Engaging** in institutional and community partnerships that are reciprocal and mutually beneficial to advance STEM youth education and the impact of STEM research.

- **Collaborating** with faculty researchers to develop new outreach programs and STEM curriculum that rely on evidence-based practices, helping secure grants.

“The National Alliance for Broader Impacts (NABI) defines BI activity as planned experience, engagement, action, function, etc. conducted over a finite period of time, for a specific purpose, and with a target audience. ([https://broaderimpacts.net](https://broaderimpacts.net))

The National Science Foundation lines up different BI goals to be considered in funded research projects. ([https://www.nsf.gov](https://www.nsf.gov))

PCP supports many of these goals, including promoting full participation of underserved groups in STEM, improving STEM education and educator development, and developing a diverse and globally competitive workforce.

"I was delighted to partner with SMILE when developing K-12 bioenergy education programs for a $40 million USDA-CAP grant proposal. SMILE was able to provide existing partnerships with teachers and students throughout Oregon, and a wealth of experience in program development and delivery." - Kate Field, Director, BioResource Research.
PCP offers an array of K-12 youth serving programs. Together, they reach diverse and underserved groups across Oregon and beyond.

SMILE Program
Provides STEM pathways for underserved youth via afterschool STEM clubs and professional development for teachers.
Annually serves 600-700 students in grades 4th-12th and 60 teachers. 96% of SMILE students graduate from High School.

Beaver Hangouts
Promotes the success of underserved middle and high school youth via equitable access to post-secondary options. OSU students volunteer as coaches connecting with classrooms via videoconferencing.
Serves 700 students in multiple schools for a total average of 3,500 hours each year.

Campus Field Trips
Encourage and inspire youth to attend college. Interacting with current OSU students is an integral part of field trips.
Annually hosts over 7,500 students, teachers, and parents for a day of STEM activities at OSU.

STEM Academy
Engages youth in year-round programs to increase college attendance and participation in STEM fields.
Four signature programs, including STEM Summer Camps, serves approximately 1,900 students each year.

Precollege Programs has a strong focus on science and engineering outreach, contributing to the following programs:

**Summer Experience in Science and Engineering for Youth (SESEY)** is a one-week summer program for high-school students from underserved groups.

**Mobile STEM Summer Camps** invite youth to create things worth inventing and develop skills applying STEM concepts.

**Family Science and Engineering Nights** are a statewide network of events to engage youth and families in STEM activities.

**Discovering the Scientist Within** provides a free half-day workshop to encourage young women's exploration of STEM careers.

**Family Science and Engineering Nights** are a statewide network of events to engage youth and families in STEM activities.

**OSU's baseline financial support allows PCP to diversify its financial portfolio through partnerships with researchers and private foundations.**

PCP Funding Sources
FY 2019
- Foundation: 10
- Grants: 13
- Tuition: 17
- OSU: 60

**Envision, Believe, Succeed**
precollege@oregonstate.edu  110 Snell Hall  541-737-9424

**TAG Programs**
Talented and Gifted Programs provide educationally challenging and engaging curriculum, allowing youth with high abilities to explore interests in ways they can't do in the regular school setting.
Nearly 600 students participate in four signature programs annually.