



Organization Mission/History

Mission statement

The Office of Science Outreach (OSO) encourages & assists Stanford faculty to engage in science outreach--organized activities targeted at our nation's youth, school teachers, & general public--that will increase their interest, understanding, and involvement in math, science, and engineering.

Year established

2004

Factors/catalysts for establishing office

- Concern about U.S. STEM pipeline
- Concern about new NSF requirements & competitiveness of Stanford proposals
- Overall decline in scientific literacy of U.S. citizenry

How did office get established?

- Year-long effort to get buy-in from deans of science, engineering, & medicine
- Each school contributed ~\$50K for one-year pilot
- Founding director very well connected across campus
- Advisory Group established
- Environmental scan of all outreach programs/activities on campus during 1st year

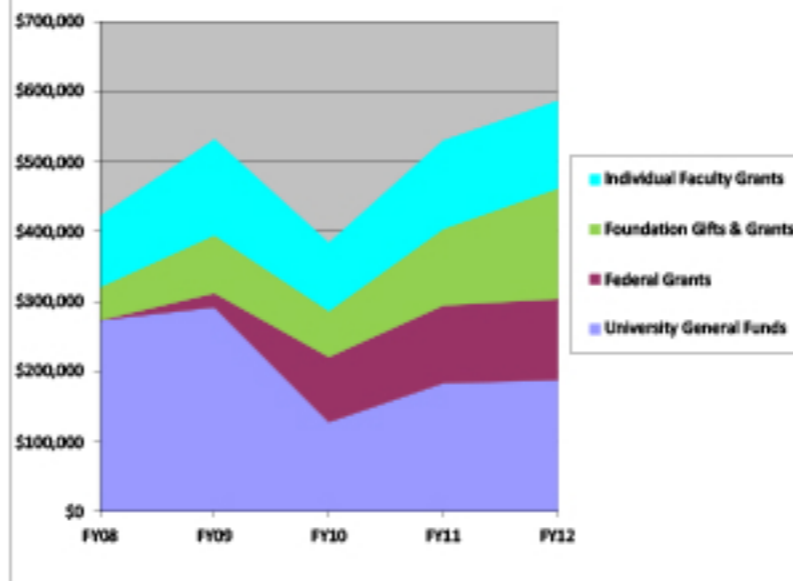
Best Practices for BI

- Convene Stanford Legal, HR & Safety experts to develop policy and procedures for minors in labs
- Identify all outreach programs & convene staff quarterly to share best practices, identify shared training needs, discuss opportunities for funding & collaboration
- Build bridges between Graduate School of Education & STEM researchers
- Develop broad network of K-12 school contacts, non-profits & museums eager to partner with Stanford PIs
- Document assistance on faculty proposals & track results
- Develop comprehensive website to document & publicize outreach

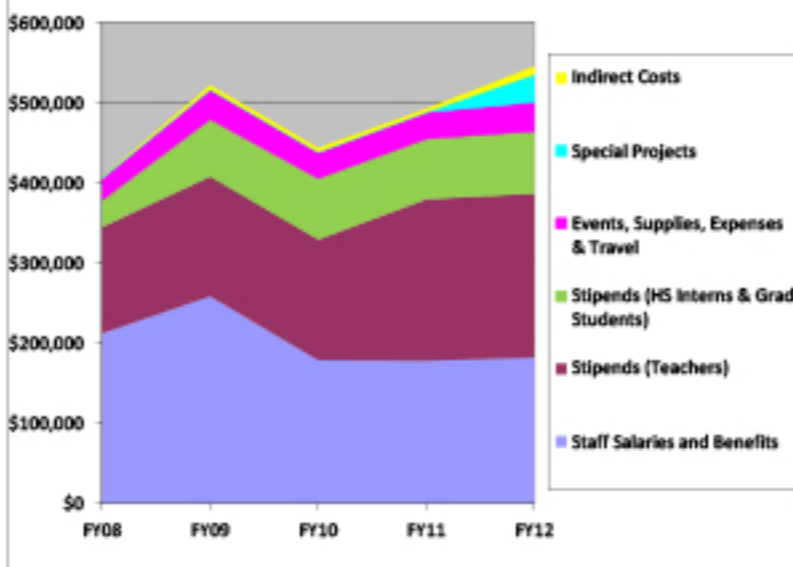
Organizational Structure

- Reporting to Vice Provost & Dean of Research
- 1.75 FTE staff (Director & Program Manager)
- Annual Budget ~\$650,000

Revenue sources



Expenditures



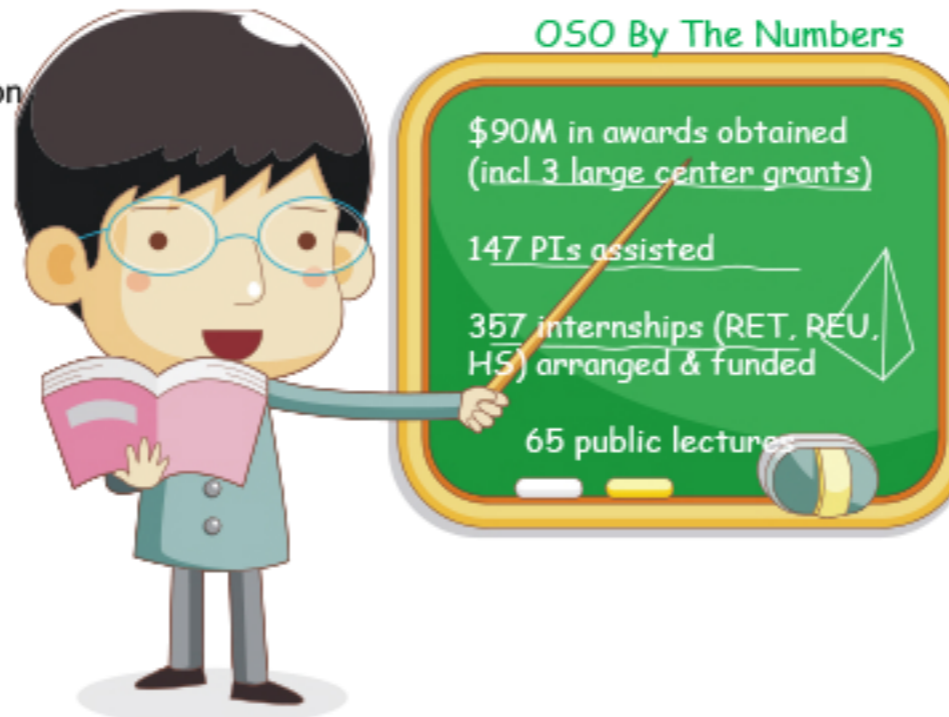
Services Offered to PIs

- One-on-one help developing BI plans:
 - Identifying partners
 - Drafting/reviewing BI section of proposals
 - Obtaining letters of support
 - Planning evaluation
 - Advertising events on OSO website
 - Helping to recruit participants
- Arranging & advertising lectures, workshops, events, including speaker series, Bay Area Science Festival
- Guidelines, checklist and documents for hosting minors or unpaid interns in labs
- Help recruiting, selecting outreach & education staff for major centers or departments
- Programs/infrastructure to tap into:
 - RET program (~25 teachers/summer)
 - HS Internship program (~25 interns/summer, all low income, first generation or URM)
 - Internships for local community college students

Services Offered to Public

- Comprehensive website = portal to "all things science outreach" at Stanford, advertising.....
 - 100+ Stanford programs and web pages with curriculum for K-12 students, teachers & undergrads
 - Student initiated outreach programs
 - Field trip opportunities
- RET and HS internship programs
- Lecture series
- Exhibits & demos at large community events

OSO By The Numbers



Contact For Further Information

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<http://oso.stanford.edu/>