

Division of Natural Sciences



**SUMMER
RESEARCH
101**

Rieke 103 10:30-11:05 AM

Prof. Neal Yakelis

PLU Chemistry

Dawn Rinehart

*M.Ed., Assistant Director of Career &
Internship Development, Career Connections*

Summer jobs



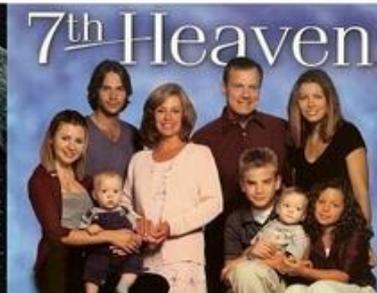
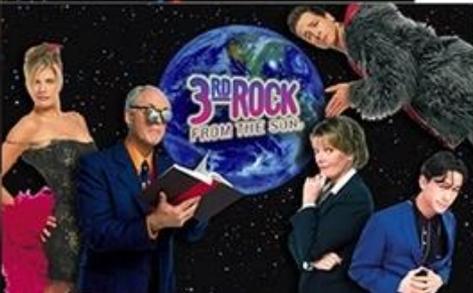
Hold on! I can get a summer job doing scientific research??



SPICE GIRLS

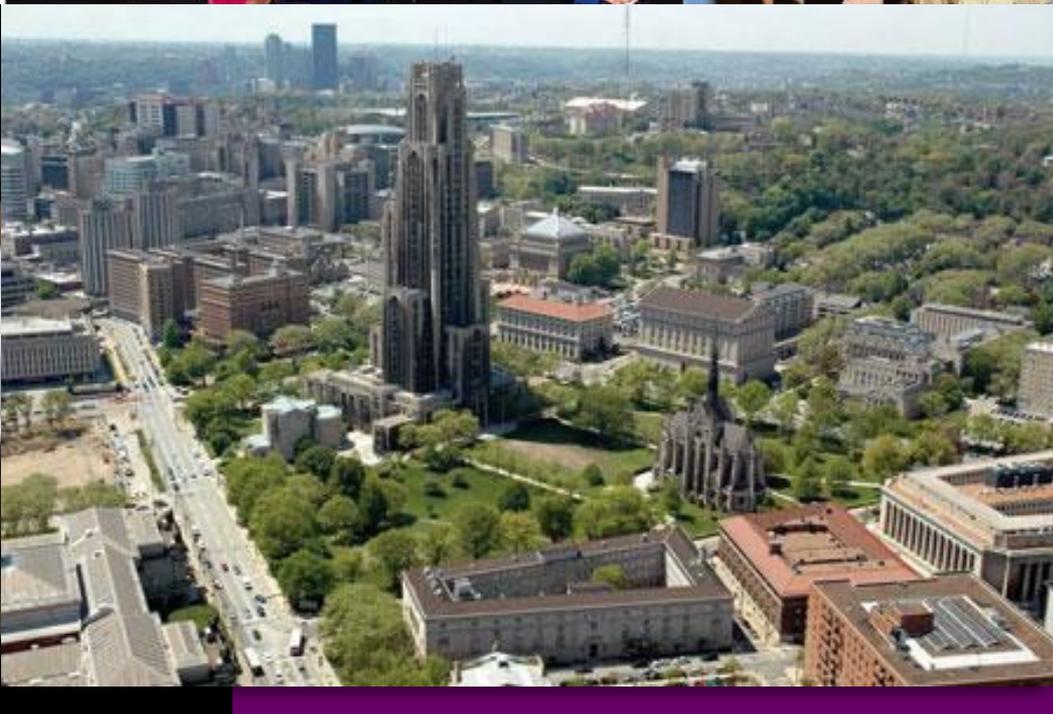


WANNABE



1996

#1 - Alanis Morissette
Ironic



NSF REU ♦ SULI ♦ SURF ♦ SURP ♦ INTERNSHIPS

SUMMER UNDERGRADUATE RESEARCH PROGRAMS and INTERNSHIPS

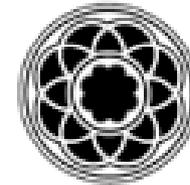
- **Typically run 9-10 weeks**
- **Full-time positions**
- **Pay approximately \$4000 +**
- **Often housing stipend or arrangements**
- **Opportunity to explore post-PLU life:
*graduate school & careers in science!***



◆ <http://www.plu.edu/nsci/undergraduate-research-program/>

Division of Natural Sciences

🏠 // Summer Undergraduate Research Program



PACIFIC
LUTHERAN
UNIVERSITY

Natural Sciences Summer Undergraduate Research Program



- **10 weeks (June - early Aug)**
- **PLU faculty members mentor students**
- **Weekly lunch professional skill development**
- **Current stipend \$4000**
- **Application in early February 2017**

◆ https://www.nsf.gov/crssprgm/reu/reu_search.jsp

National Science Foundation (NSF) Research Experiences for Undergraduates (REU)

- 10 weeks (like PLU program)
- Faculty/grad student/postdoc mentors
- Professional skills and social activities
- Housing often included (dorm, shared house)
- Pay \$4000-\$5000
- Application deadlines vary, **but start in Dec.**
- Some targeted programs (first-years, underrepresented groups, etc.)

◆ <http://science.energy.gov/wdts/suli/>

Department of Energy (DOE)

Summer Undergrad. Laboratory Internship (SULI)

- 10 weeks (like PLU program)
- 17 participating DOE labs (National Labs, etc.)
- Professional skills and social activities
- Housing included (dorm, shared house)
- Stipend \$500/week
- Application deadline Jan. 13th
- Pretty broad research areas *chemistry, engineering, physics, environmental science, energy research, etc.*

◆ <https://www.training.nih.gov/programs/sip>

National Institutes of Health (NIH) Summer Internship Programs (SIP) in Biomedical Sciences

- 10 weeks
- One of 1,200 NIH labs nationwide
- 7,700 apps, 1,100 positions last year
- Pay approximately \$5000, housing
- Application deadline March 1st

National Institutes
of Health

◆ **Other federal agencies to explore**

Google with “undergraduate research” or “summer research” or “internships”

- **USGS**
- **NOAA**
- **EPA**
- **Department of Defense**
- **Department of Homeland Security**
- **National Cancer Institute**
- **Centers for Disease Control (CDC)**
- **Others – explore!**



◆ Individual companies/institutes

*Google with “undergraduate research” or
“summer research” or “internships”*



FRED HUTCH™



Fred Hutch Science Internship list

<http://www.fredhutch.org/content/dam/public/education/internships.pdf>



PLU Chemistry Opportunity Blog

<http://www.plu.edu/chemistry/news/topic/opportunity-blog/>

PLU Career Connections Opportunities Board

<http://www.plu.edu/career/>



- *Lots of other collections of UR links online*
- *Search by the keywords you are curious about!*
- *Look at postings around Rieke/Morken*

What do I need to apply to these programs?

TALK WITH YOUR PLU FACULTY MEMBERS

- Online application
- Letters of recommendation
 - ⇒ *Make appts with professors to discuss*
 - ⇒ *FERPA form* <http://www.plu.edu/student-life/documents/>
- Resume – see PLU Career Connections
 - Be sure to include courses, lab techniques, software*
- Transcript(s)
- Personal statement/essay