

# Stephen FitzGerald: Oberlin College

---

## Biography

- Ph.D. Cornell University (1995): Advisor Al Sievers
- 1 year Teaching Post-doc Colgate University
- 3 year Post-doc NIST Center for Neutron Research
- Tenure-track position Oberlin College 1998

# Outline

---

- Research Time (much more important than money)
- Facilities (quite a range)
- Training Undergraduates (you're it)
- Hiring, Promotion, Tenure (what counts)

# Research Time

---

- Teaching load
- **No Graduate Students**
- Fewer colleagues
- Less grant writing
- Research as education
- Less pressure

# Facilities

---

- Air-Conditioning, Cooling Water, UPS lines
- Machinist, Electronics specialists
- Purchasing, Nuts & bolts
- Existing research in your discipline

# User-Facilities/Collaborations

---

- Nanofab, Neutron scattering, Radio telescope
- **M**aker, **M**easurer, **M**odeler

# Training Undergraduate Students

---

- You're it
- Very rewarding
- Roughly an even trade off in time
- Choose projects carefully

# Hiring, Tenure/Promotion

---

## Hiring

- Real research (considered undergrads)

Choose a project that interests you

Want to teach (**love to teach**)

Good match to department needs

## Tenure/Promotion

- Teaching followed by research

Research wins because more quantifiable