Please keep your microphone muted until the Q&A session

M. J. MURDOCK CHARITABLE TRUST
PARTNERS IN SCIENCE PROGRAM

RESEARCH AND FACULTY DEVELOPMENT
FACULTY SUCCESS SEMINAR SERIES

Carly Cummings, PhD, CPRA
Director, Office of Research and Faculty Development

Guest Experts: Kim Newman, Program Director,
Murdock Trust; PIS Awardee Panel

Please note that this session is being recorded
Mission: To provide the resources and services to University of Idaho faculty that enhance their success and productivity in their field of scholarly efforts, with the ultimate goal of growing the U of I’s research enterprise

- Alignment with U of I strategic plan
- Across all disciplines
WHAT DOES RFD DO?

Successful, funded research leaders
PROPOSAL DEVELOPMENT SERVICES

Level 0
• Brainstorming
• Strategic planning for submissions

Level 1
• Search for funding opportunities
• Training to use Pivot

Level 2
• Preparing to contact Program Officers
• Assessing “fit” of a proposed idea

Level 3
• Strategize for a resubmission
• Analyze reviews, develop responses

Level 4/5
• Ensuring proposal documents are clear, concise, cohesive, and responsive to the solicitation

Level 6
• Support for large, complex proposals
• Center grants, infrastructure, etc.

All services are optional and are granted on a first come, first served basis
**FACULTY SUCCESS SEMINARS**

**FALL 2021**
- **Sept 8**: Find Funding with Pivot, a Database of Grant Opportunities and More
- **Sept 15**: M.J. Murdock Charitable Trust’s Partners in Science Program
- **Sept 29**: Partnering with the U of I McClure Center on Your Research: Why and How
- **Oct 6**: Working with the Research and Faculty Development Team to Enhance the Competitiveness of Your Next Proposal
- **Oct 13**: NSF CAREER: Essential Steps Toward Developing a Competitive Proposal
- **Oct 20**: Improving Your Grant Competitiveness: Strategies for Resubmission
- **Nov 3**: UPDATE: Mountain West Clinical and Translational Research-Infrastructure Network (MW CTR-IN) Funding
- **Nov 10**: NSF S-STEM: Strategies for Competitive Proposals

**SPRING 2022**
- **Jan 19**: Find Funding with Pivot, a Database of Grant Opportunities and More
- **Jan 26**: Idaho Higher Education Research Council (HERC) Funding Opportunities
- **Feb 9**: Lessons Learned from Serving on Proposal Review Panels
- **Feb 23**: NSF Research Traineeship (NRT) Program: Strategies for Competitive Proposals
- **Mar 2**: NSF CAREER: Getting Started on Your Proposal – Now Is the Time!
- **Mar 30**: First Impressions: Steps to Create a Captivating Proposal Title and First Page
- **Apr 6**: Partnering with the U of I Project ECHO on Your Research: Why and How
- **Apr 13**: Diversity, Equity, Inclusion, and Belonging: Broadening Participation in Funded Research

**WE GUIDE THE DEVELOPMENT OF COMPETITIVE EXTERNAL GRANT PROPOSALS**

**Office of Research and Faculty Development**
Email: orfdteam@uidaho.edu
Website: uidaho.edu/orfd
OFFICE OF RESEARCH AND ECONOMIC DEVELOPMENT (ORED)

ORA: Office of Research Assurances
OSP: Office of Sponsored Programs
OTT: Office of Technology Transfer
Partners in Science

Kim Newman
The vision of Partners in Science is to provide high school science teachers with the opportunity to work at the cutting edge of science, to revitalize their teaching, and to help translate their research experience into the teaching of science.
Partners in Science

Since 1990...

- Over 300 scientists
- Nearly 50 research institutions
- Over 500 teachers
- More than $12,000,000 granted
How it works

› 2 summers in a college or university lab pursuing research with a mentor

› 2 conferences
  › August regional
  › January national
    › 1st Years—Poster presentation
    › 2nd Years—Oral presentation
# Partners in Science Grant

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<thead>
<tr>
<th></th>
<th>1st Year</th>
<th>2nd Year</th>
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<tbody>
<tr>
<td>High school teacher stipend</td>
<td>$6,500</td>
<td>$6,500</td>
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<tr>
<td>Lab funds</td>
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<tr>
<td>Academic year professional enrichment</td>
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<tr>
<td>Travel funds for national conference</td>
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<tr>
<td>Total</td>
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How to apply

Applications are completed by partners and mentors and are submitted by mentors under the auspices of their research institutions.

The application deadline is December 1.
Program Impact on Teacher Identity

Overall, the program shifted current participants from a teacher identity towards a teacher-researcher identity. This teacher-researcher identity is maintained by alumni.
Impact of Summer Research Experience

- Restructured labs—cookbook labs to inquiry labs
- Student created questions
- More confident in taking risks and asking questions
- Able to integrate technology and equipment purchased from grant funds

New activities: 91%
More knowledge in particular field: 81%
Better understanding of how science is practiced: 88%
More practice using lab materials: 85%
Street Cred: n=82
I was able to work with a fantastic, motivated and mature individual, who loved the experience and opportunity of working in my lab which invigorated me.

Dr. Cheryl Jorcyk, Boise State University
Love the interaction we gain with the teacher and ultimately with their students. It is the ability to share our daily work, the ups and the downs—the sacrifices that we make for the love of what we do.

Dr. Henryk Urbanski, Oregon Health & Sciences University
Impact

25 teachers

3,750 students/year

37,500 students

2008 Partner
Dave Andersen
Bozeman Biology
Thank you

murdocktrust.org
HEAR FROM THE EXPERTS!

U of I Partners in Science faculty awardees

- Dr. Lili Cai, Assistant Professor, Department of Forest, Rangeland, and Fire Sciences
- Dr. Christine Parent, Associate Professor, Department of Biological Sciences
- Dr. Sarah Wu, Assistant Professor, Department of Chemical and Biological Engineering