

# RESEARCH DEVELOPMENT OFFICE: FY19 AT A GLANCE

*The Research Development Office (RDO) offers one-stop “concierge” services for submitting ambitious, collaborative, and successful proposals for research and scholarship. In FY19, the RDO focused on facilitating collaborations among researchers, and bridging the gaps in resources that they need in order to advance discovery and innovation at the University of Iowa.*

## PROPOSAL DEVELOPMENT

### A TRAIL GUIDE FOR DEPARTMENT OF DEFENSE (DOD) RESEARCH FUNDING

Thirty-eight faculty and staff from eight colleges and 25 departments attended a session to identify strategies for securing research funding by engaging with DoD counterparts.

### ARTS AND HUMANITIES INTERNAL FUNDING INITIATIVE

Eighteen faculty from two colleges and 10 departments received internal funding to advance their arts and humanities scholarship.

### EXTERNAL GRANT REVIEW PROGRAM

Five faculty from three colleges and five departments utilized the new External Grant Review Program, which facilitates proposal reviews by external experts prior to submitting to a funding agency.

### PROPOSAL DEVELOPMENT ASSISTANCE

Thirteen faculty from five colleges and 11 departments received proposal development assistance with \$13.3 million in submitted funding.

### GRANT WRITING SEMINAR - PHASE I

One hundred and sixty-five faculty and staff from nine colleges and 85 departments attended a daylong grant-writing workshop.

### GRANT WRITING WORKSHOP - PHASE II

Nineteen faculty from five colleges and 17 departments participated in the intensive Phase II grant writing workshop.

### LIMITED SUBMISSIONS

Thirty-nine faculty and staff from six colleges and thirty departments were selected to represent the UI in limited submission grant competitions.

### NSF CAREER SESSION

Twenty faculty and staff from five colleges and 17 departments attended the annual NSF CAREER Seminar.

TABLE 1: RDO CAMPUS PARTNERS

CCOM Division of Computational and Molecular Psychiatry
CCOM Office of Faculty Affairs and Development
CCOM Scientific Editing and Research Communication Core
Center for Computer-Aided Design
CLAS Grant Support Office
Division of Sponsored Programs
Hancher Auditorium
Institute for Clinical and Translational Science
UI Libraries
UI REACH

## BUILDING CONNECTIONS

### ANTIMICROBIAL RESISTANCE RESEARCH

Ten faculty from five colleges and five departments participated in a discussion with the National Institute for Antimicrobial Resistance Research and Education to identify areas of collaboration.

### COMPUTATIONAL AND QUANTITATIVE MENTAL HEALTH

Thirteen researchers from five colleges and nine departments participated in coffee talks to spur interdisciplinary research connections and questions.

### MENTAL HEALTH SPEED NETWORKING

Twenty-three researchers from six colleges and 13 departments participated in a mental health-focused speed networking event.

### SCIENCE ON TAP

Two hundred and eight persons attended six Science on Tap presentations on topics including music therapy, archaeology, the Horn of Africa, exposure identification, a 3 Minute Thesis showcase, and equity in schools.

TABLE 2: POST-EVENT ONLINE EVALUATION RESULTS

ACTIVITY	AUDIENCE	PARTICIPANTS	RESPONSE RATE	SATISFIED	RECOMMEND TO A COLLEAGUE
A Trail Guide for DoD Research Funding	Faculty, staff	38	32%	82%	73%
Editing as a Research Administrator	Staff	17	29%	100%	80%
Mental Health Speed Networking	Faculty	23	74%	100%	100%
NIDILRR Informational Session	Faculty, staff	8	38%	100%	100%
NSF Broader Impacts Workshop	Faculty	34	47%	100%	100%
NSF CAREER Session	Faculty	20	55%	100%	100%
Research Development Network (July 2018)	Staff	44	59%	96%	80%
Research Development Network (Jan. 2019)	Staff	47	43%	95%	85%
Research Services Fair	Researchers	170	56%	96%	96%

## **INTEGRATED ACTIVITIES\***

(\*Activities which facilitate both the development of grant proposals and research collaborations)

### **COMMUNITY ENGAGEMENT LECTURE SERIES**

Sixty-seven faculty and staff participated in four community engagement seminars featuring UI faculty and collaborating community members.

### **COMPUTATIONAL PSYCHIATRY SYMPOSIUM**

Over 100 faculty, staff, and students from eight colleges and 50 departments participated in the daylong Computational Psychiatry Symposium focused on building a vibrant campus interdisciplinary research community.

### **CONFERENCE ATTENDANCE SUPPORT**

Twelve faculty and staff from seven colleges and 10 departments received support to attend funding agency and professional development conferences including NIH, NSF, DTRA, NIDILRR, and NORDP.

### **EDITING AS AN ADMIN: WHAT ARE THE POSSIBILITIES?**

Seventeen staff from three colleges and 14 departments honed their editing skills through participation in the workshop.

### **HOWARD HUGHES MEDICAL INSTITUTE (HHMI) INCLUSIVE EXCELLENCE**

Twenty-two faculty and staff from three colleges and 13 departments discussed preparing an application to the HHMI Inclusive Excellence program.

### **NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH (NIDILRR) INFORMATIONAL SESSION**

Eight faculty and staff from six colleges and six departments attended a session to learn about NIDILRR funding opportunities.

## **WHAT'S NEXT?**

In FY20, the RDO will continue efforts to facilitate collaborations and bridge gaps in resources through the following activities.

- Artificial Intelligence Speed Networking (Fall 2019)
- Grant Writing Seminar – Phase I (Fall 2019)
- NSF CAREER Session (Spring 2020)
- Opioid Ideas Lab Follow-up (Summer 2019)
- Pivot Administrative Functions (Fall 2019)
- Research Development Network (Summer 2019 and Winter 2020)
- Research Experience for Undergraduates Informational Session (Fall 2019)
- Research Services Fair (Fall 2019)
- Science on Tap (Fall 2019 and Spring 2020)

### **NEW FACULTY MEETINGS**

Nineteen faculty from five colleges and 16 departments who completed the New Faculty Survey were provided information on submitting grants and available campus resources such as core facilities and research services.

### **NSF BROADER IMPACTS WORKSHOP**

Thirty-four faculty and staff from six colleges and 31 departments attended a daylong broader impacts workshop, which included presentations by potential campus partners.

### **OPIOID IDEAS LAB FOLLOW-UP**

Support for opioid-related research was sustained through an Opioid Ideas Lab follow-up meeting, the launch of the Opioid Networking Survey (45 completed surveys), and continued support for opioid-related teams.

### **PIVOT**

Pivot, a tool for identifying funding opportunities as well potential collaborators, became available to campus.

### **RESEARCH DEVELOPMENT NETWORK (RDN)**

Forty-four faculty and staff from nine colleges and 41 departments attended the inaugural RDN meeting, a network focused on providing a forum for exchanging best practices and knowledge. Six months later, 47 staff from nine colleges and 41 departments attended the second RDN meeting.

### **RESEARCH SERVICES FAIR**

One hundred and seventy researchers from 10 colleges and 88 departments attended the inaugural Research Services Fair, a vendor-style fair hosting 45 campus service providers.

### **UI-ISU PARTNERSHIP SEED GRANT PROGRAM**

Four joint UI-ISU teams received seed grants to build partnerships in the areas of medical devices, vaccines and immunotherapeutics, and precision and digital agriculture.

