

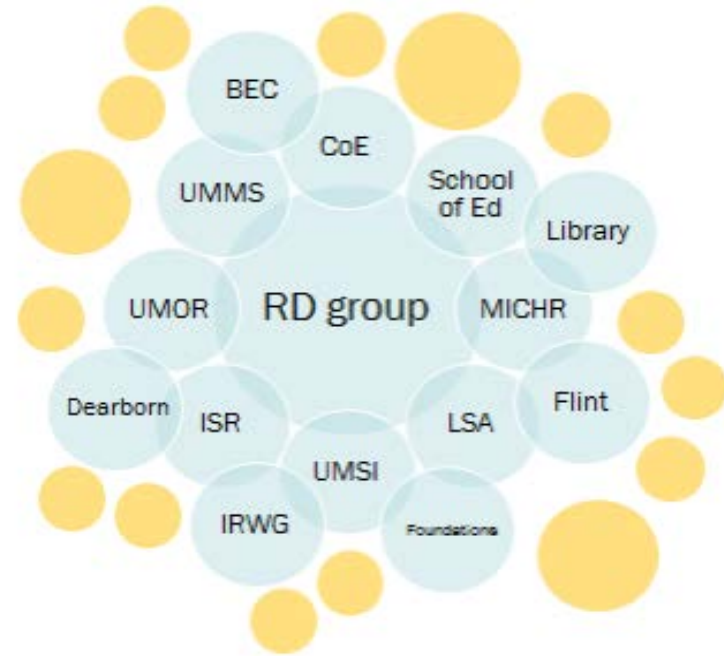
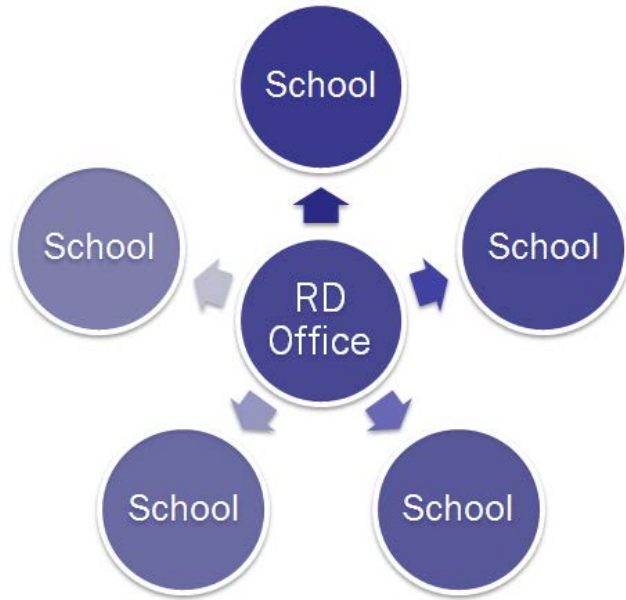
# Thing 1 and Thing 2: *Advancing RD Wearing 1 Tall Hat*

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# Research Development at U-M



## Context (FY17)

Total faculty: 51

- 46 instructional track
- 3 research track
- 2 clinical track

76% are Assistant or Associate

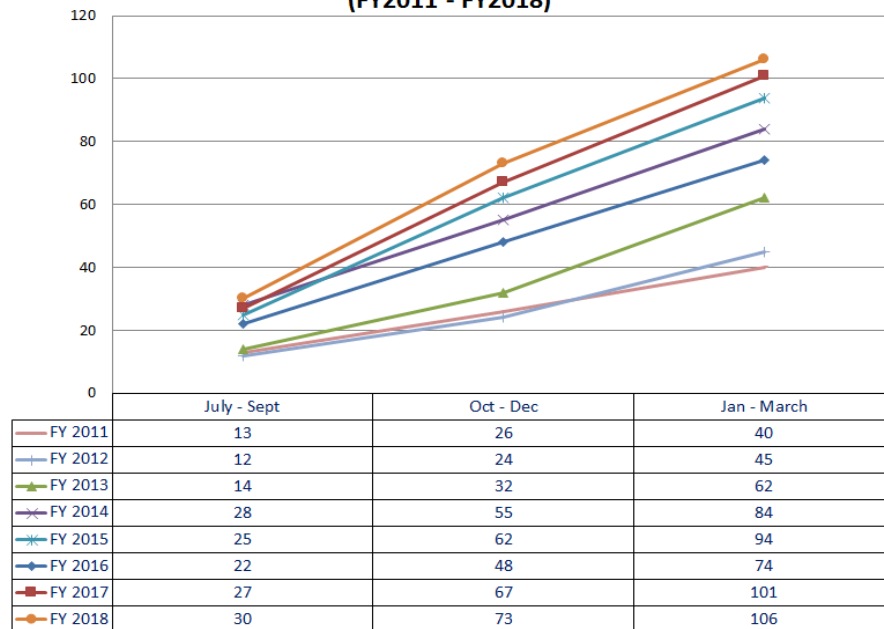
Proposals submitted: 132

Awards: 34 (\$3.1 M)

Major funders:

73 Federal (34 NSF), 21 Foundation, 19 Internal, 19 Industry

Sponsored Research: Cumulative Submissions by Month  
(FY2011 - FY2018)



## Strategies

*Programs and Resources that serve the needs of UMSI faculty, especially Assistant and Associate Professors.*

### **Start at the Beginning** *Before they Arrive*

#### ★ **Recruiting**

- Attend job talk

#### ★ **Once Offer is Made**

- Reach out to introduce
- Be available for questions

#### ★ **Once Offer is Accepted**

- Reach out to welcome & identify early needs (transfer of grants, upcoming submissions, etc.)





Funding Opportunities Digest and Newsletter | March 2018

## RESEARCH OFFICE NEWS

*Ford/U-M Research Alliance Info Session:* [RSVP LINK](#)

**Date:** Thursday, March 29, 2018

**Time:** 3:00 p.m. - Registration

3:15 p.m. - Information Session; Q&A

4:30 p.m. - Adjourm; Informal Interactions continue until 5:00pm

**Location:** North Campus, Pierpont Commons, East Conference Room

## NSF NEWS & INFO

### *Spring Workshop*

The Spring 2018 National Science Foundation (NSF) Grants Conference will take place on **June 4-5, 2018** in Detroit, Michigan. The two-day event will be held in the [Detroit Marriott at the Renaissance Center](#). Registration will open on [Thursday, March 15th](#) at 12:00 PM EST. NSF anticipates the conference will reach capacity very quickly, so they encourage you to register as soon as it opens.

### *What is HDR?*

*Harnessing the Data Revolution (HDR)* is one of the ["10 Big Ideas for Future NSF Investments"](#) and provides a profound opportunity to transform research across all fields of science and engineering through new insights gained from data. NSF is laying the foundation for the *Harnessing the Data Revolution* Big Idea through a number of [funding opportunities and workshops](#).

## DID YOU KNOW...

the [DMPTool](#) is a FREE online tool that walks you through each component of a data management plan. You can log in using your U-M unqiename and

## Faculty Onboarding

- ★ Orientation
  - 1-1 Meeting for Research
- ★ Faculty Mentoring
  - Collaborative with HR

## Connecting to Opportunities

- ★ Monthly Newsletter
- ★ Funding Opportunities
- ★ Training & Workshops

## Faculty Mentoring

- ★ Faculty Mixers
- ★ Topic/Skill Building Sessions
- ★ Writing Groups  
(ie: NSF CAREER Prep)
- ★ Weekly Ideation

## Proposal Preparation

- ★ RA's wearing the RD Hat
  - Fit & Scope
  - Templates & Examples
  - Editing & Feedback

## Large-Scale/Complex Team Support



## Post-Submission

- ★ Reviews
- ★ Awards
- ★ Planning

## Holistic Approach

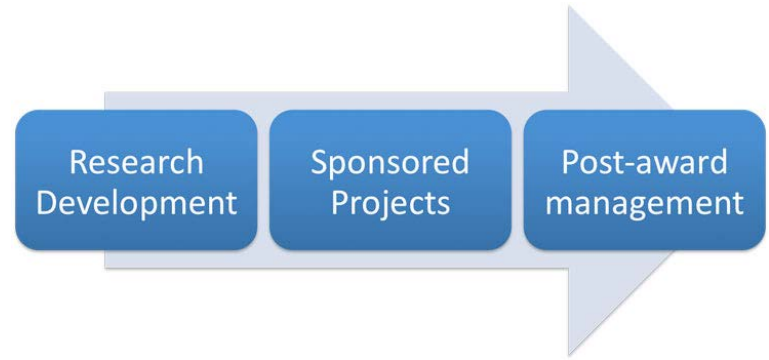
- ★ Human Subjects Incentives
- ★ Human Resources
- ★ Finance
- ★ Unfunded Agreements
- ★ Connecting to Campus-Wide Resources







- ★ Pre-award activities strictly related to application process:
  - compliance, deadlines, approvals, etc.
- ★ Post-award activities limited to mainly accounting, approving spending
- ★ No research development activities to speak of



## Creation of Center for Education Design, Evaluation, and Research



### DESIGN SERVICES

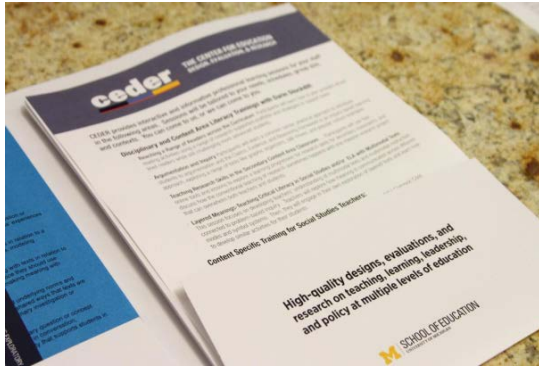
- Curriculum development and/or alignment consultation
- Curriculum and instructional resource development
- In-service teacher training consultation
- Professional development programs for teachers
- Consultation on teaching and learning research design
- Assistance with proposals



### EVALUATION SERVICES

- Logic modeling and theory development
- Proposal writing
- Evaluation design for process and outcome evaluations
- IRB application
- Survey and interview protocol design
- Qualitative & quantitative data analysis
- Report writing and dashboarding
- Full-scale evaluation design and administration including all of the above

## Research in CEDER



- ★ Intake valve for interest in a collaboration with School of Education
- ★ Receive inquiries from community members and faculty across campus
- ★ Creating relationships that might not have happened otherwise



## DESIGN SERVICES

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- Curriculum and instructional resource development
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- Consultation on teaching and learning research design
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## RESEARCH DEVELOPMENT

- Connecting researchers with one another
- Communicating funding opportunities to faculty
- Coordinating timely submission of proposals
- Maintaining grant-writing resources, such as proposal samples and boilerplate descriptions
- Contributing to the dissemination of SOE research news to the community
- Providing feedback on grant proposal drafts



## EVALUATION SERVICES

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- ★ Easy give-and-take between pre-award and pre-pre-award activities
- ★ Provide Research Administration support for CEDER proposals with other units
  - Research Administrator embedded in a Research Development Center
  - Research Developer assisting with Research Administration
- ★ Communication of Research and Research Opportunities



# Thank you!



## Questions & Discussion

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