What do we do?
How do we know it’s working?
And do we all do it the same?

Natalie Fields, Emory University School of Nursing
Stephanie Tofighi, University of New Mexico
Key Takeaways

1. Review different RD support service models
2. Identify the effect placement may have on RD support
3. Learn best practices for tracking and evaluating RD support
4. Discuss RD support service data analysis and reporting
Participant Surveys

Pollev.com/stephanietof514
OR
Text stephanietof514 to 22333
How Many Years Have You Been an RD Professional?

This is my 1st year!
1-5 years
6-10 years
>10 years
Where is Your RD Office Located within the University?

- Centralized office that serves all or most of campus
- Decentralized office that serves a particular school, college, or department
- Hybrid that includes both centralized and decentralized components
- Other
Agenda

The Case
- Review RD support at Emory & UNM

Placement
- Similarities and Differences

Evaluation
- Service tracking, metrics & reporting
ONR Services

- Brainstorming
- Funding Opportunities
- Templates & Resources
- Editorial Support
- Mock Review
- Data Management
- Statistical Support
- Laboratory Support
- Workshops & Seminars
- Research Communications
University of New Mexico
Faculty Research Development Network
**UNM FRDO Services**

**Central Office**
- Interdisciplinary Proposal Coordination/Management
- Developing Research Collaboration Partnerships
- Reviewing/Editing Proposal Narrative
- Broader Impacts Development
- Research Related Data Collection
- Graphics Design Support
- Proposal Preparation for Unassigned Departments

**Embedded Offices**
- Finding Funding and Targeting Prospective Faculty
- Proposal/Research Stakeholder Liaison
- University/School or College Policy Consultation
- Solicitation Analysis
- Proposal Preparation for Assigned Departments
- Drafting/Editing/Formatting Proposal Documents
What Research Development Services Does Your Office Provide?
Case Study Pillars

• Funding and Workshops

• Grantsmanship and Proposal Review

• Interdisciplinary and Collaborative Proposals

• Service Tracking and Metrics
Identifying Funding & Workshops
Emory School of Nursing

Fiscal Year 2018 Workshops & Seminars

Identifying Funding
- Access to GrantForward
- Curated Lists of Funding Opportunities
- Targeted Distribution
- Limited Competitions

Organized Workshops
- Survey to Inform Topics
- CNE Credits Offered
- Example of Topics:
  - Finding Funding
  - Budget Planning
  - Proposal Writing Skills
  - Pre & Post Award Process
  - Data Management
  - Grants 101 for Staff
  - ONR Service Promotion
Identifying Funding
- PIVOT Funding Search
- Weekly Research Domain Funding Announcements
- Limited Competitions
- Early Career Specific Opportunities

Organized Workshops
- Proposal Development and Management
  - Broader Impacts
  - Data Management
  - Evaluation
  - Budget
- How to Work with Specific Sponsors (NSF, NIH, DoD)
- Finding Funding
- NSF CAREER Cohort

University of New Mexico
• Curated and Targeted Funding Opportunities
• Tracking Use of FOAs Distributed from RD Office
• Fostering Collaboration through Workshops
Grantsmanship and Proposal Review
Emory School of Nursing

Grantsmanship
• On-Site Editorial Support
• Pilot Grant Writing Initiative
  • Proposal Writing Workshop
  • Writing Retreat
  • Paid Grant Writer

Proposal Review
• Mock Review
University of New Mexico

Grantsmanship

- On-Site Editorial Support
- NIH Specific Grant Writing Support
- NSF CAREER Cohort - Peer Reviewed Drafts

Proposal Review

- Solicitation Analysis
- Formatting/Editing Proposal Documents and Narrative
• Strategic Initiatives & Targeting Faculty
• Paid Grant Writing Consultants
• Mock Review
Interdisciplinary and/or Collaborative Research
• Team Science
  • Identify Team Science Funding Opportunities
  • Roundtable on Building Teams
  • Spelman Research Day
  • Georgia Tech Think Tank

Emory School of Nursing
• Coordinates Interdisciplinary Proposals
• RD Network Helps Identify Potential Collaborators
• Helps Foster Opportunities for Research Collaboration and Partnership Building
• STEM NM Ecosystem Enables External Partnerships
• Mission and Goals of RD Office
• Hybrid Network to Foster Communication and Collaboration
Service Tracking and Metrics

Data has a better idea
How Does Your Office Track its RD Support?
Service Tracking

<table>
<thead>
<tr>
<th>Type</th>
<th>Short description</th>
<th>Assigned to</th>
<th>Updated</th>
<th>Label</th>
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</thead>
<tbody>
<tr>
<td>Data Management: Non-proposal</td>
<td>Mary Laszlo -Song study</td>
<td>Unassigned</td>
<td>Wed 4/17/19</td>
<td>In-Progress</td>
</tr>
<tr>
<td>Data Management: Non-proposal</td>
<td>Lisa Wands: Request for statistical analyses and data management, specifically in de-identifying data</td>
<td>Andrea Plotsky</td>
<td>Wed 4/17/19</td>
<td>In-Progress</td>
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<tr>
<td>Editorial Support: Proposal</td>
<td>Carlson NINR 10052019</td>
<td>Kenneth Hepburn</td>
<td>Thu 4/11/19</td>
<td>Needs Initial Contact</td>
</tr>
</tbody>
</table>

Emory School of Nursing

Service Tracking
- Proposal Initiation Form
- Service Entry, Tracking and Reporting
- Monthly Satisfaction Survey
- Annual Feedback Survey

Metrics
- Mission Metrics
- Service Outcomes
University of New Mexico

RD Tracker
- Faculty Initiated Research Support Tool (FIRST)
- Total Campus Sponsored Research Activity
  - MyReports Dashboard

*Manual Comparison of the Two Systems Tracks 5Ws and Success Rates of Proposals*
## Emory SON Mission Metrics

<table>
<thead>
<tr>
<th>Topic Area</th>
<th>Metric</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Proposals</strong></td>
<td>Number of Proposals Submitted</td>
<td>Assess proposal volume, types, and trends year to year</td>
</tr>
<tr>
<td></td>
<td>Total Proposal Dollars</td>
<td>Assess proposal dollars year to year</td>
</tr>
<tr>
<td></td>
<td>Sponsored Research Proposals by Faculty Rank and Track</td>
<td>Measure faculty submission productivity year to year</td>
</tr>
<tr>
<td><strong>Awards</strong></td>
<td>Number of Awards Received</td>
<td>Assess award volume, types, and trends year to year</td>
</tr>
<tr>
<td></td>
<td>Total Award Dollars</td>
<td>Assess award dollars year to year</td>
</tr>
<tr>
<td></td>
<td>Sponsored Research Awards by Faculty Rank and Track</td>
<td>Measure faculty award productivity year to year</td>
</tr>
<tr>
<td><strong>Research Performance/Spending</strong></td>
<td>F&amp;A Recovery</td>
<td>Monitor actual recovery</td>
</tr>
<tr>
<td></td>
<td>Total Research Facility Square Footage</td>
<td>Monitor research space usage and impact to IDC Rate</td>
</tr>
<tr>
<td></td>
<td>NIH Funding &amp; Rank</td>
<td>Track volume and dollar amount of awards to assess NIH productivity and compare to peer institutions</td>
</tr>
</tbody>
</table>
Office of Nursing Research
Service Metrics

• Number and type of services provided quarterly
• Customer satisfaction rating
• Funding outcomes
# UNM Faculty Research Development Office (FRDO) Performance Indicators

<table>
<thead>
<tr>
<th>Topic Area</th>
<th>Metric</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proposals</td>
<td>Number of Proposals Supported</td>
<td>Assess proposals supported by FRDO: volume, types, and trends year to year</td>
</tr>
<tr>
<td></td>
<td>Number of Proposals Submitted and Supported per Administrative Unit and School or College</td>
<td>Assess unit productivity and FRDO productivity within specific units</td>
</tr>
<tr>
<td></td>
<td>Percentage of Total UNM Proposals Submitted that were Supported</td>
<td>Assess FRDO support compared to university-wide activity and trends year to year</td>
</tr>
<tr>
<td>Awards</td>
<td>Number of Awards Received Supported</td>
<td>Assess awards supported by FRDO: volume, types, and trends year to year</td>
</tr>
<tr>
<td></td>
<td>New Award Dollar Amount Supported</td>
<td>Assess new award dollars supported by FRDO year to year</td>
</tr>
<tr>
<td></td>
<td>Percentage of Total Awards and New Award Dollar Amount that were Supported</td>
<td>Assess FRDO support compared to university-wide activity and trends year to year</td>
</tr>
</tbody>
</table>
University of New Mexico Research Development Network Service Outcome Measurements

- Number and type of services provided annually
- Number of faculty supported
- Number of units supported
- Percentage of faculty and units who request support more than once
- Supported proposal success rate and how that rate compares to total UNM success
• Mission Metrics (Leadership vs. RD)
• RD Support Service Marketing
| Reporting |

<table>
<thead>
<tr>
<th>Who</th>
<th>Emory SON</th>
<th>UNM</th>
</tr>
</thead>
<tbody>
<tr>
<td>SON Leadership Council</td>
<td>Director of Faculty Research Development Office</td>
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</tr>
<tr>
<td>Associate Dean for Research and Office of Nursing Research Team</td>
<td>Vice President for Research and Upper Administration</td>
<td></td>
</tr>
<tr>
<td>SON Unit Directors</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>What</th>
<th>Emory SON</th>
<th>UNM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sponsored Research Proposal &amp; Award Activity</td>
<td>FRDO Contribution to Proposals, Awards, New Funding</td>
<td>Proposal Success Rates</td>
</tr>
<tr>
<td>Faculty Submission Productivity*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ONR Service Volume, Satisfaction, and Outcomes</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>When</th>
<th>Emory SON</th>
<th>UNM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quarterly</td>
<td>Monthly for FRDO Director</td>
<td></td>
</tr>
<tr>
<td>As requested for various School and University level presentations and reports</td>
<td>Quarterly for VPR and Upper Administration and as requested</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Annually for Proposal Success Rates</td>
<td></td>
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</tbody>
</table>
### FY19 Q2 ONR Service Requests

<table>
<thead>
<tr>
<th>Service Type</th>
<th># of Requests</th>
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</thead>
<tbody>
<tr>
<td>Statistical Support: Proposal</td>
<td>1</td>
</tr>
<tr>
<td>Laboratory Support: Non-Proposal</td>
<td>1</td>
</tr>
<tr>
<td>Data Management: Non-Proposal</td>
<td>3</td>
</tr>
<tr>
<td>Brainstorming: Proposal</td>
<td>7</td>
</tr>
<tr>
<td>Laboratory Support: Proposal</td>
<td>8</td>
</tr>
<tr>
<td>Data Management: Proposal</td>
<td>10</td>
</tr>
<tr>
<td>Mock Review: Proposal</td>
<td>12</td>
</tr>
<tr>
<td>Editorial Support: Proposal</td>
<td>12</td>
</tr>
<tr>
<td>Statistical Support: Proposal</td>
<td>15</td>
</tr>
</tbody>
</table>

**69 Total Requests**
• 81 mock reviews performed from FY2017 – FY2019

• Average of 23 mock reviews per year

• 60% of proposals that had a mock review were submitted to the sponsor while 32% were not submitted to the sponsor

• Of all proposals that had a mock review and were submitted 32% were funded
University of New Mexico Data Reporting

University Administration

FRDO Research Support

- Proposals: 30% (2017), 35% (2018), 34% (2019)
- New Funding: 32% (2017), 32% (2018), 40% (2019)

FRDO Productivity

- FY 2017: 42% Proposals Supported, 43% Proposals Awarded, 322 New Funding
- FY 2018: 26% Proposals Supported, 34% Proposals Awarded, 308 New Funding

Research Development Network

Number of Faculty & Administrative Units FRDO Supports

- Faculty Members: 295
- Faculty members w/ multiple requests: 171
- Administrative Units: 105
- Units w/ multiple requests: 76

Active UNM PIs using FRDO Support

- PIs who have requested FRDO Support: 82%
- PIs not yet requesting FRDO Support: 18%
Open Discussion

- **What do we do?** Telling your RD story through data
- **How do we do it?** Illustrating the value of RD support
- **Do we all do it the same?** Regardless of location
Questions?