Engineering Research Seminar Series

Presents

Data & Reporting: Faculty Research Activity, Research Expenditures, & RFA Seminar

Brought to you by DER

This seminar is designed for faculty to better understand readily available information on proposals and awards. We will dive into how faculty awards flow back to the departments through research expenditures and overhead credit. We also explain how this feeds into faculty annual Form D reporting, the promotion and tenure process, and MSU's national research rankings.

Wednesday, October 17th from 12-1PM
Location: Engineering Building
Seminar Room
Room 3540
Lunch will be provided!
Proposal Activity and Data

• In Progress Report – all proposals currently being worked on by faculty with DER
• Proposal searches in KC
• Award progress and funded proposals (for the College, a particular sponsor, unit…)
• Aggregate reports for PIs
  • My submitted and awarded proposals (Form D reporting)
  • Research expenditures for a period (FAIS)
Proposal Activity and Data – In Progress Report

- Sent weekly to Engineering leadership, OSP, and other key stakeholders at MSU
- Included as a link in the DER weekly newsletter

<table>
<thead>
<tr>
<th>Due Date</th>
<th>Proposal Status</th>
<th>PI Name</th>
<th>Subject</th>
<th>PD</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/28/2018</td>
<td>Proposal Submitted</td>
<td>Udpa, Lalita</td>
<td>Udpa,Lalita</td>
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<tr>
<td>9/30/2018</td>
<td>Budget Approved</td>
<td>Mueller, Norbert</td>
<td>Mueller, KM</td>
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<td>9/30/2018</td>
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<td>Calabrese Barton, Scott</td>
<td>Calabrese Barton, Scott</td>
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<td>9/30/2018</td>
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<td>Chahal, Prem</td>
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DER In Progress Report

<table>
<thead>
<tr>
<th>Sponsor Name</th>
<th>RFP</th>
<th>Notes</th>
<th>SPA/BC</th>
<th>DER Assignment</th>
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<tbody>
<tr>
<td>Electrical Power Research Institute (EPRI)</td>
<td>Continuation</td>
<td>OSP Submitted</td>
<td>Donald Wilcox</td>
<td>Robert Nelsen</td>
</tr>
<tr>
<td>Standing Wave Reformers (SWR)</td>
<td>Budget Only</td>
<td>Pre-proposal</td>
<td>Industry</td>
<td>Business Connect</td>
</tr>
<tr>
<td>Univ. of Utah</td>
<td>Pre-proposal</td>
<td>MSU as Subcontract</td>
<td>Continuation</td>
<td>Late - Not compliant to timeline</td>
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<tr>
<td>Honeywell</td>
<td>Pre-proposal</td>
<td>Industry</td>
<td>Maria Skinner</td>
<td>Kelli Martin</td>
</tr>
</tbody>
</table>
Proposal Activity and Data – Proposal searches in KC

- **Proposals**
  - Create Proposal
  - Proposals Enroute
  - All My Proposals
  - Create Proposal For Grants.gov Opportunity

- **Lists**
  - Search Proposals
  - Search Proposal Log
  - Search Institutional Proposals

- **Awards**
  - Awards in Progress
  - All my Awards

- **Conflict of Interest**
  - COI Disclosures
    - Create New/Annual Disclosure
    - Complete Disclosure for a Research Proposal
    - Complete Sponsored/Reimbursed Travel Event
    - Enter New/Changed Financial Entity
    - Update My COI Disclosure
  - Disclosure Information
    - View All My Disclosures
    - View All My Financial Entities
  - Disclosure Review
    - Review Disclosures Assigned to Me
Proposal Activity and Data – Proposal searches in KC

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<tr>
<th>Proposal Number:</th>
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<tbody>
<tr>
<td>Proposal Type:</td>
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<tr>
<td>Proposal State:</td>
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<tr>
<td>Investigator:</td>
<td></td>
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<tr>
<td>Project Title:</td>
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<td>Sponsor Deadline Date From:</td>
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<tr>
<td>Sponsor Deadline Date To:</td>
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<td>Target Date From:</td>
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<td>Target Date To:</td>
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<td>Sponsor Code:</td>
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<tr>
<th>Actions</th>
<th>Proposal Number</th>
<th>Proposal Type</th>
<th>Proposal State</th>
<th>Project Title</th>
<th>Total Requested Amount</th>
<th>Final Approval Date</th>
<th>Sponsor Code</th>
<th>Sponsor Name</th>
<th>Prime Sponsor</th>
<th>Principal Investigator</th>
<th>Co-I</th>
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<td>33309</td>
<td>New</td>
<td>Approval Pending</td>
<td>Collaborative Research: Elevated ceramide levels influence cytokine generation and clearance from brain interstitial space</td>
<td>332,931.05</td>
<td>014357</td>
<td>National Science Foundation</td>
<td>Christina Chan</td>
<td>Neil Wright</td>
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Proposal Activity and Data – Award Progress

```
Institutional Proposal 00048120
- Development Proposal 17499
- Award 004434-00001
  
  **Award 004434-00001**

  **Summary**

  - Award ID: 004434-00001
  - Sponsor Award ID: CO-1633054
  - Account ID: RC106942
  - Award Status: Closed
  - Title: EVALUATION

  **Dates & Amounts**

  - Sponsor: 020795 Ingh.
  - Project Start Date: 01/01/2017
  - Project End Date: 11/17/2017
  - Board Acceptance Date: 01/01/1900
  - Anticipated Cumulative: $108,136.00
```
General Proposal Activity – Annual Form D Reporting

bi.itservices.msu.edu

- All existing faculty have access to these reports. The reports may be accessed through the BI portal.
- Instructions and FAQs for navigating the new reports can be found on the SPA website by clicking on the links below:
  - Proposal Form D (RA028) Instructions
    - https://spa.msu.edu/PL/SiteFiles/GetFile.aspx?id=611
  - Award Form D (RA026) Instructions
  - Frequently Asked Questions
General Proposal Activity – Aggregate reports – Proposals Submitted

Proposal Form D-RA028

Select Institutional Proposal Date Submitted:
From: Jan 1, 2018
To: Oct 4, 2018

Select Sponsor Type:
- External Sponsors
- Internal Sponsors
- All Sponsors

Select Principal Investigator:
Keywords: Type one or more keywords separated by spaces.
Mukkamala, Ramakrishna (rama)

Select Form Type*:
- Form D Official
- Form D Detailed

* Form D Detailed will include Sponsor Types, Proposal Dates and numerous Cost fields.

Search and Select prompts only return 200 values, use options to refine search results. Reference reports are available within university wide folders.

[Cancel] [Finish]
General Proposal Activity – Aggregate reports – Proposals Submitted

<table>
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<tr>
<th>Project Role Description</th>
<th>Additional Investigators</th>
<th>MAU</th>
<th>PI Unit</th>
<th>Proposal Status Description</th>
<th>Activity Type</th>
<th>Sponser Name</th>
<th>PI Unit Credit Split</th>
<th>PI Unit Credit Split</th>
<th>Total Cost</th>
<th>Organization Document Number</th>
<th>Institutional Proposal Number</th>
<th>Award ID</th>
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<tbody>
<tr>
<td><strong>Project Title:</strong> A Smartphone Application for Congestive Heart Failure Monitoring</td>
<td>Principal Investigator</td>
<td>COLLEGE OF ENGINEERING</td>
<td>10016250 - ELECTRICAL AND COMPUTER ENGINEERING</td>
<td>Pending</td>
<td>Research</td>
<td>University of Michigan</td>
<td>Michigan Economic Development Corp</td>
<td>100.00%</td>
<td>100.00%</td>
<td>$10,025.00</td>
<td>06350282</td>
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<tr>
<td><strong>Project Title:</strong> A Smartphone-Based Device for Cuff-Less and Calibration-Free Blood Pressure Monitoring</td>
<td>Principal Investigator</td>
<td>COLLEGE OF ENGINEERING</td>
<td>10016250 - ELECTRICAL AND COMPUTER ENGINEERING</td>
<td>Pending</td>
<td>Research</td>
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<td>N/A</td>
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<td><strong>Project Title:</strong> Cardiovascular Risk and Disease Prognosis in Long-Duration Spaceflight Using Information Fusion of Arm and Ankle Cuff Measurement</td>
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<td>COLLEGE OF ENGINEERING</td>
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<td>Research</td>
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<td>National Aeronautics &amp; Space Administration</td>
<td>100.00%</td>
<td>100.00%</td>
<td>$206,214.56</td>
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<tr>
<td><strong>Project Title:</strong> Mobile Device-Based Congestion Prediction for Reducing Hospitalizations in Patients with Concomitant Heart Failure and Atrial Fibrillation</td>
<td>Principal Investigator</td>
<td>COLLEGE OF ENGINEERING</td>
<td>10016250 - ELECTRICAL AND COMPUTER ENGINEERING</td>
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<td>National Inst of Health</td>
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<td>100.00%</td>
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<td><strong>Project Title:</strong> SCH: INT: Collaborative Research: Wearable Patches for 24-Hour Ambulatory Blood Pressure Monitoring</td>
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<td>10016250 - ELECTRICAL AND COMPUTER ENGINEERING</td>
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<td>Research</td>
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<td>$547,409.01</td>
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<tr>
<td><strong>Project Title:</strong> Smartphone Applications for Cuff-Less and Calibration-Free Blood Pressure Monitoring</td>
<td>Principal Investigator</td>
<td>COLLEGE OF ENGINEERING</td>
<td>10016250 - ELECTRICAL AND COMPUTER ENGINEERING</td>
<td>Pending</td>
<td>Research</td>
<td>National Inst of Health</td>
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<td>100.00%</td>
<td>$887,407.67</td>
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<td><strong>Project Title:</strong> Smartphone-based blood pressure monitoring via the oscillometric finger pressing method</td>
<td>Principal Investigator</td>
<td>COLLEGE OF ENGINEERING</td>
<td>10016250 - ELECTRICAL AND COMPUTER ENGINEERING</td>
<td>Pending</td>
<td>Research</td>
<td>Digitouch Health LLC</td>
<td>National Inst of Health</td>
<td>50.00%</td>
<td>100.00%</td>
<td>$135,000.00</td>
<td>06380083</td>
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</table>
### General Proposal Activity – Aggregate reports – Proposals Submitted

#### Proposal Form D Detailed (External Sponsors Funding)

**Principal Investigator:** Mukkamala, Ramakrishna  
**Generated on:** Oct 4, 2018

| Sponsor Type | Prime Sponsor Name | Prime Sponsor Type | Date Submitted | Requested Start Date | Requested End Date | PI Credit Split | PI Unit Credit Split | Weighted Direct Cost | Weighted F&A Cost | Weighted Total Cost | Direct Cost Total | FHA Cost Total | Total Cost | Organization Document Number | Institutional Proposal Number | Award ID |
|--------------|--------------------|--------------------|----------------|----------------------|-------------------|-----------------|---------------------|---------------------|------------------|----------------|-----------------|------------------|------------------|----------------|-----------------------------|-----------------------------|---------|
| Other        | Michigan Economic Development Corp | State of Michigan | 5/7/2018 | 06/01/2018 | 05/31/2019 | 100.00% | 100.00% | $10,625.00 | $0.00 | $10,625.00 | $0.00 | $10,625.00 | 00365282 |
| Federal Government | N/A | N/A | 5/25/2018 | 05/16/2019 | 05/15/2022 | 80.00% | 100.00% | $600,000.00 | $284,708.93 | $884,708.93 | $750,000.00 | $335,886.16 | $1,135,886.16 | 00368430 |
| Other        | National Aeronautics & Space Administration | Federal Government | 6/21/2018 | 02/01/2019 | 01/31/2021 | 100.00% | 100.00% | $141,694.48 | $64,523.08 | $206,217.56 | $141,694.48 | $64,520.08 | $206,214.56 | 00372876 |
| Other        | National Inst of Health | Federal Government | 2/1/2018 | 04/01/2019 | 03/31/2022 | 100.00% | 100.00% | $123,444.31 | $56,655.69 | $180,100.00 | $135,444.31 | $56,855.60 | $190,259.99 | 00399707 |
| Federal Government | N/A | N/A | 5/22/2018 | 01/01/2019 | 02/28/2022 | 90.00% | 100.00% | $125,462.53 | $157,287.39 | $492,749.52 | $372,736.14 | $174,703.77 | $547,453.91 | 00367750 |
| Federal Government | N/A | N/A | 9/24/2018 | 08/16/2019 | 08/31/2022 | 80.00% | 100.00% | $480,000.00 | $228,526.14 | $708,526.14 | $600,000.00 | $283,407.67 | $883,407.67 | 00399363 |
| Industry/CO | National Inst of Health | Federal Government | 4/3/2018 | 09/01/2018 | 02/28/2019 | 50.00% | 100.00% | $44,651.05 | $22,848.95 | $67,500.00 | $89,500.00 | $45,957.90 | $135,457.90 | 00399063 |
| Industry/CO | National Science Foundation | Federal Government | 7/18/2018 | 01/11/2019 | 06/30/2019 | 50.00% | 100.00% | $44,651.05 | $22,848.95 | $67,500.00 | $89,500.00 | $45,957.90 | $135,457.90 | 00376228 |
| Industry/CO | National Inst of Health | Federal Government | 8/31/2018 | 05/16/2019 | 11/15/2019 | 50.00% | 100.00% | $38,043.88 | $18,377.26 | $56,421.14 | $76,087.75 | $38,754.52 | $114,842.27 | 00387141 |
General Proposal Activity – Aggregate reports – Proposals Awarded

Award Search Form D

Select Award Finalized Date Range:

From: Jan 4, 2018
To: Oct 4, 2018

Select Sponsor Type:
- External Sponsors
- Internal Sponsors
- All Sponsors

Select Principal Investigator:
- Search

Select Form Type*:
- Form D Official
- Form D Detailed

* Form D Detailed will include Sponsor Types, Board Date, Account Number and numerous other fields.

Search and Select prompts only return 200 values, use options to refine search results. Reference reports are available within university wide folders.

Cancel Finish
**General Proposal Activity – Aggregate reports – Proposals Awarded**

### Award Search Form D Official (External Sponsors Funding)

**Principal Investigator:** Qi, Yue  
**Generated on:** Oct 24, 2018

<table>
<thead>
<tr>
<th>Award Title: A Combined Experimental and Modeling Approach for the Design of High Current Efficiency Si Electrodes</th>
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</table>
| **Principal Investigator:** Harmon, Kathy Co-Investigator  
**Team:**  
**Project Role:** Principal Investigator  
**Additional Investigators:** N/A  
**PI Unit:** 10016140 - CHEMICAL ENGINEERING AND MATERIALS SCI  
**Parent:**  
**Award Status:** Active  
**Activity Type:** Research  
**Sponsor:** General Motors Corp  
**Prime Sponsor:** US Dept of Energy  
**Project Start Date:** 4/1/2013  
**Project End Date:** 12/31/2016  
**Award Amount Total:** $210,886.00  
**Amount Obligated to Date:** $137,866.00  
**PT Unit Awarded Amount:** $210,886.00  
**PT Unit CRD Amount:** $335,876.00  
**Anticipated Total Amount:** $335,876.00  
**F&A Percent:** 53.50%  
**Institutional Proposal No:** 00109481

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<tr>
<th>Award Title: Dendrite Growth Morphology Modeling in Liquid and Solid Electrolytes</th>
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| **Principal Investigator:**  
**Team:**  
**Project Role:** Principal Investigator  
**Additional Investigators:** N/A  
**PI Unit:** 10016140 - CHEMICAL ENGINEERING AND MATERIALS SCI  
**Parent:**  
**Award Status:** Active  
**Activity Type:** Research  
**Sponsor:** US Dept of Energy  
**Prime Sponsor:** NA  
**Project Start Date:** 1/1/2017  
**Project End Date:** 12/31/2019  
**Award Amount Total:** $1,326,966.00  
**Amount Obligated to Date:** $699,127.00  
**PT Unit Awarded Amount:** $1,326,966.00  
**PT Unit CRD Amount:** $999,943.00  
**Anticipated Total Amount:** $999,943.00  
**F&A Percent:** 55.00%  
**Institutional Proposal No:** 00002391

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<tr>
<th>Award Title: Durable, Impermeable Brazes for Solid Oxide Fuel Cells</th>
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| **Principal Investigator:** Bieler, Thomas Co-Investigator  
**Team:**  
**Project Role:** Principal Investigator  
**Additional Investigators:** Nicholas, Jason Co-Investigator  
**PI Unit:** 10016140 - CHEMICAL ENGINEERING AND MATERIALS SCI  
**Parent:**  
**Award Status:** Active  
**Activity Type:** Research  
**Sponsor:** US Dept of Energy  
**Prime Sponsor:** NA  
**Project Start Date:** 10/1/2014  
**Project End Date:** 9/30/2017  
**Award Amount Total:** $694,026.00  
**Amount Obligated to Date:** $694,026.00  
**PT Unit Awarded Amount:** $694,026.00  
**PT Unit CRD Amount:** $242,909.10  
**Anticipated Total Amount:** $242,909.10  
**F&A Percent:** 53.50%  
**Institutional Proposal No:** 00112169

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<tr>
<th>Award Title: GOALI - Collaborative Research: The Impact of Chemically Induced Stresses on Kinetic Processes and Degradation Mechanisms in Non-Stoichiometric Oxides</th>
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</table>
| **Principal Investigator:**  
**Team:**  
**Project Role:** Principal Investigator  
**Additional Investigators:** N/A  
**PI Unit:** 10016140 - CHEMICAL ENGINEERING AND MATERIALS SCI  
**Parent:**  
**Award Status:** Active  
**Activity Type:** Research  
**Sponsor:** National Science Foundation  
**Prime Sponsor:** NA  
**Project Start Date:** 8/15/2014  
**Project End Date:** 7/31/2018  
**Award Amount Total:** $274,997.00  
**Amount Obligated to Date:** $274,997.00  
**PT Unit Awarded Amount:** $274,997.00  
**PT Unit CRD Amount:** $274,997.00  
**Anticipated Total Amount:** $274,997.00  
**F&A Percent:** 53.50%  
**Institutional Proposal No:** 0014659

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<th>Award Title: GOALI - Collaborative Research: Chemically induced stresses and degradation mechanisms in ceramic materials for Li ion batteries</th>
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| **Principal Investigator:**  
**Team:**  
**Project Role:** Principal Investigator  
**Additional Investigators:** N/A  
**PI Unit:** 10016140 - CHEMICAL ENGINEERING AND MATERIALS SCI  
**Parent:**  
**Award Status:** Active  
**Activity Type:** Research  
**Sponsor:** National Science Foundation  
**Prime Sponsor:** NA  
**Project Start Date:** 9/1/2018  
**Project End Date:** 9/31/2022  
**Award Amount Total:** $274,207.00  
**Amount Obligated to Date:** $274,207.00  
**PT Unit Awarded Amount:** $274,207.00  
**PT Unit CRD Amount:** $274,207.00  
**Anticipated Total Amount:** $274,207.00  
**F&A Percent:** 55.00%  
**Institutional Proposal No:** 00356233
General Proposal Activity – Aggregate reports – Proposals Awarded

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<th>Additional Investigators</th>
<th>PI Unit</th>
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<th>Parent/Child</th>
<th>Account ID</th>
<th>Award Status</th>
<th>Activity Type</th>
<th>Sponsor Type</th>
<th>Prime Sponsor</th>
<th>Prime Sponsor Type</th>
<th>Sponsor ID</th>
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<tbody>
<tr>
<td>Unobtrusive and Affordable Blood Pressure Monitoring Via Pulse Transit Time</td>
<td>10016250 - ELECTRICAL AND COMPUTER ENGINEERING</td>
<td>000802-00001</td>
<td>Parent</td>
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<td>Research</td>
<td>National Inst of Health</td>
<td>Federal Government</td>
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Detailed (External Sponsors Funding)

Investigator: Mukkamala, Ramakrishna

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<tr>
<th>Award ID</th>
<th>Finalized Date</th>
<th>Board Acceptance Date</th>
<th>Project Start Date</th>
<th>Project End Date</th>
<th>Award Amount Total</th>
<th>Amount obligated to Date</th>
<th>PI Crd Split</th>
<th>PI Unit Crd Split</th>
<th>PI Unit Award Amount</th>
<th>PI Unit Crd Anticipated Amount (Per Run Date)</th>
<th>Anticipated Total Amount</th>
<th>CFDA Nbr</th>
<th>F&amp;A Percent</th>
<th>Organization Document Number</th>
<th>Lead Organization Ind</th>
<th>Special Review Description</th>
<th>Institutional Proposal No</th>
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<tr>
<td>081885-05</td>
<td>8/1/2018</td>
<td>8/31/2018</td>
<td>8/1/2014</td>
<td>7/31/2019</td>
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<td>00114404</td>
<td>Y</td>
<td>Human Subjects</td>
<td>00114404</td>
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Overhead Credit – What is it

• The amount of the University’s Facilities & Administrative (F&A) charge that is returned to the College(s) and Department(s)
• F&A, same as overhead or Indirect Cost (IDC)
• 20% of overhead is returned to the College(s) which is then further shared with the department(s), some departments may then share with PI
Overhead Credit – Indirect Cost (IDC) Return

University and College Rules

PI Profile

Proposal Credit Split

IDC Return
Overhead Credit – University and College Rules

20% of IDC of research expenditures is returned

College(s) 10.0%
Department(s) 10.0%
Post-Award 2.5%
All Depts 7.5%

Note: Departments have different practices on if and how much is passed on to the PI/Co-I’s
Overhead Credit – Proposal Credit Split

Add Personnel

Key Personnel Type
- None -

Key Personnel Name

Department

Overhead Credit %
Overhead Credit – PI Profile and Proposal Credit Split

- KC contains a ‘PI’ profile contains a department and college credit split for each faculty member
- Credit split is typically set during faculty appointment

<table>
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<tr>
<th>Combined Credit Split</th>
<th>F&amp;A Allocation</th>
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<tbody>
<tr>
<td>John Verboncoeur</td>
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<tr>
<td>10016250 - ELEC COMP ENGR</td>
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<td>40000839 - CMSE EGR</td>
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<td>40000838 - CMSE CNS</td>
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<td>Unit Total:</td>
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<tr>
<td>Totals</td>
<td></td>
</tr>
<tr>
<td>Investigator Total:</td>
<td><strong>0.00</strong></td>
</tr>
</tbody>
</table>
## Overhead Credit – Example

<table>
<thead>
<tr>
<th>Award Total</th>
<th>$1,557,392</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDC</td>
<td>$345,385</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PI Profile</th>
<th>Proposal Credit Split</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jenny Appleseed (PI)</td>
<td></td>
</tr>
<tr>
<td>ECE</td>
<td>100%</td>
</tr>
<tr>
<td>Jill Johnson (Co-I)</td>
<td></td>
</tr>
<tr>
<td>ECE</td>
<td>70%</td>
</tr>
<tr>
<td>ME</td>
<td>30%</td>
</tr>
<tr>
<td>John Doe (Co-I)</td>
<td></td>
</tr>
<tr>
<td>CMSE CNS</td>
<td>50%</td>
</tr>
<tr>
<td>CMSE EGR</td>
<td>50%</td>
</tr>
</tbody>
</table>
# Overhead Credit – Example / College

<table>
<thead>
<tr>
<th>College of Engineering</th>
<th>PI Profile</th>
<th>Proposal Credit Split</th>
<th>College IDC Share</th>
<th>IDC $</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jenny / ECE</td>
<td>100%</td>
<td>60%</td>
<td>60%</td>
<td></td>
</tr>
<tr>
<td>Jill / ME</td>
<td>30%</td>
<td>20%</td>
<td>6%</td>
<td></td>
</tr>
<tr>
<td>Jill / ECE</td>
<td>70%</td>
<td>20%</td>
<td>14%</td>
<td></td>
</tr>
<tr>
<td>John / CMSE</td>
<td>50%</td>
<td>20%</td>
<td>10%</td>
<td></td>
</tr>
<tr>
<td>Total College of Engineering</td>
<td></td>
<td></td>
<td>90%</td>
<td>$31,085</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>College of Natural Science</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>John / CMSE</td>
<td>50%</td>
<td>20%</td>
<td>10%</td>
<td></td>
</tr>
<tr>
<td>Total College of Natural Science</td>
<td></td>
<td></td>
<td>10%</td>
<td>$3,454</td>
</tr>
</tbody>
</table>

IDC Return – College(s) - 10%: $34,539
## Overhead Credit – Example / Dept.

### 10% IDC Return – Departments(s)

<table>
<thead>
<tr>
<th>Departments</th>
<th>PI Profile</th>
<th>Proposal Credit Split</th>
<th>College IDC Share</th>
<th>IDC $</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE</td>
<td>Jenny</td>
<td>100%</td>
<td>60%</td>
<td>$15,542</td>
</tr>
<tr>
<td></td>
<td>Jill</td>
<td>70%</td>
<td>20%</td>
<td>$3,627</td>
</tr>
<tr>
<td><strong>Total ECE</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>$19,169</strong></td>
</tr>
<tr>
<td>ME</td>
<td>Jill</td>
<td>30%</td>
<td>20%</td>
<td>$1,554</td>
</tr>
<tr>
<td>CMSE</td>
<td>John</td>
<td>100%</td>
<td>20%</td>
<td>$5,181</td>
</tr>
</tbody>
</table>

### 2.5% Post-award Department

<table>
<thead>
<tr>
<th>Departments</th>
<th>PI Profile</th>
<th>Proposal Credit Split</th>
<th>IDC $</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME</td>
<td>Jill</td>
<td>30%</td>
<td>$1,554</td>
</tr>
</tbody>
</table>

### 7.5% remaining Shared by All Departments

**IDC $ 25,904**

Total IDC Return: **$34,539**
Overhead Credit & Cost Share

- Generally speaking, the following should correlate:
- Proposal Credit split and PI/Co-I effort/budget
- Effort and IDC return
- IDC return and Cost Share

### 20% Cost Share on $1,557,392 Award
- $389,348

### VPRGS contributes ½ of the Cost Share
- $194,674

<table>
<thead>
<tr>
<th>Cost Share Commitments</th>
<th>Cost Share</th>
<th>IDC Share</th>
<th>IDC Return</th>
</tr>
</thead>
<tbody>
<tr>
<td>College of Engineering</td>
<td>$175,207</td>
<td>90%</td>
<td>$31,085</td>
</tr>
<tr>
<td>College of Natural Science</td>
<td>$19,467</td>
<td>10%</td>
<td>$3,454</td>
</tr>
</tbody>
</table>
Overhead Credit – Importance

• Feeds into money that comes back to your department and in many cases your account
• Influences tenure review, aka, re-appointment, promotion and tenure (RPT) that begins in October each year
• Save yourself the hassle after award or when you see issues with the report
• Get the credit you deserve
Faculty Activity Information Systems (FAIS)

• Annually in October the process begins
• Office Planning and Budget (OPB) provides DER the past fiscal year’s faculty activity
  • Activity (expenditures) for the fiscal year
  • Based on PI profile and award credit splits
• DER process data and sends to departments
• Departments validate with faculty and adjust where appropriate
• DER compiles and DECS loads to FAIS
Faculty Activity Information Systems (FAIS)

- [https://www.egr.msu.edu/activityreport/](https://www.egr.msu.edu/activityreport/)

Welcome to the College of Engineering Faculty Activity Information System (FAIS). This system allows you to generate and manage your annual Faculty Activity Reports online. Login to begin.

**Faculty**
- Keep your profile up-to-date
- Manage your reports easily
- Archive past reports and keep your work history

**Administration**
- Review Faculty Activity Reports
- Generate statistical facts
- Create documents

For help please contact: fais-help@egr.msu.edu
Faculty Activity Information Systems (FAIS)

2016 - 2017 Research Expenditures (July 1, 2016 through June 30, 2017)
VERBONCOEUR, JOHN

<table>
<thead>
<tr>
<th>Funding Type</th>
<th>Account</th>
<th>Funding Source</th>
<th>Sponsor</th>
<th>% Credit of Project</th>
<th>Expenditures to this PI</th>
</tr>
</thead>
<tbody>
<tr>
<td>FEDERAL</td>
<td>RC101634</td>
<td>DOD</td>
<td>AFOSR FA9550-12-1-0343 Christlieb</td>
<td>33</td>
<td>$60,286.47</td>
</tr>
<tr>
<td></td>
<td>RC104185</td>
<td>NSF</td>
<td>NSF PHY-1415462 Leitner</td>
<td>5</td>
<td>$5,790.51</td>
</tr>
<tr>
<td></td>
<td>RC101634</td>
<td>DOD</td>
<td>AFOSR FA9550-12-1-0343 Christlieb</td>
<td>33</td>
<td>$60,286.47</td>
</tr>
<tr>
<td></td>
<td>RC104130</td>
<td>DOD</td>
<td>New Mexico NMC0155-01 Murillo</td>
<td>50</td>
<td>$88,566.89</td>
</tr>
<tr>
<td></td>
<td>RC105913</td>
<td>DOE</td>
<td>Univ of Michigan 3003805140</td>
<td>100</td>
<td>$142,022.55</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Verboncoeur</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FUNDING TYPE SUBTOTAL: $356,952.89

| INDUSTRY     | RN031141 | OTHER | MIPSE          | 100              | $412.71             |
|              | RC105720 | FORD MOTOR | Ford Motor Co HOLDING Acct Verboncoeur | 50              | $70.37              |
|              | RC105720 | FORD MOTOR | Ford Motor Co HOLDING Acct Verboncoeur | 50              | $70.37              |
|              | RW100009 | OTHER | MIPSE          | 100              | $1,449.00            |
|              | RG100477 | OTHER | OTHER          | 30               | $28,221.61           |

FUNDING TYPE SUBTOTAL: $30,224.06

VERBONCOEUR, JOHN TOTAL RESEARCH EXPENDITURES: $387,176.95
Faculty Activity Information Systems (FAIS)

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Total Research Expenditures</th>
<th>Total External Research Expenditures</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 17-18</td>
<td>$399,951.00</td>
<td>$399,951.00</td>
</tr>
<tr>
<td>FY 16-17</td>
<td>$140,823.00</td>
<td>$110,436.00</td>
</tr>
<tr>
<td>FY 15-16</td>
<td>$150,993.00</td>
<td>$131,266.00</td>
</tr>
<tr>
<td>FY 14-15</td>
<td>$324,006.00</td>
<td>$294,768.00</td>
</tr>
<tr>
<td>FY 13-14</td>
<td>$344,397.00</td>
<td>$229,763.00</td>
</tr>
<tr>
<td>FY 12-13</td>
<td>$221,349.00</td>
<td>$200,162.00</td>
</tr>
</tbody>
</table>

FY = July 1 - June 30
Upcoming DER Seminars

Engineering Research Seminar Series
Presents
Using the Medusa Tab in KC
Brought to you by DER

One of the challenges in KC is that there are a lot more numbers to keep track of. Previously, there was an App number for a proposal and an Account number for an award, in KC there is a Proposal Development #, Institutional Proposal #, Award #, Account #, and multiple Negotiation #’s. In Kuali Coeus, Medusa is the link to help you easily navigate to the PD, IP, Award, or any Negotiation documents related to the project.

Wednesday, October 24th from 12-1PM | Lunch will be provided!
Location: Engineering Building Seminar Room, Room 3540

For more info please contact: Monique Vian viaumoni@egr.msu.edu

Engineering Research Seminar Series
Presents
The Export Control Process at MSU
“A Few Tips to Make the Process Easier”
Brought to you by DER

This seminar will include an overview of the export control process, how it is addressed at MSU, issues with visa applications for international students, faculty, and visiting scholars, as well as helpful tips and resources to assist PIs.

Wednesday, October 31st from 12-1PM
Location: Engineering Building Seminar Room
Room 3540
Lunch will be provided!

Daniel Segalman
Mechanical Engineering Professor
segalman@egr.msu.edu

For more info please contact:
Monique Vian viaumoni@egr.msu.edu
Upcoming DER Seminars

- DER is here to help!
- Rich Cernock of Triveni Digital (Next Generation Broadcast Television)
- Introduction to Kuali Coeus (KC)
- Faculty Research Activity, Research Expenditures, & RFA
  - NSF Proposals
  - NSF Broader Impacts
  - Smart Transportation
- Effort Reporting
- Export Control
- MTRAC
- Institute for Cyber Enabled Research
- Diversity Research Network
- MSU Ford Alliance
Meet the Division of Engineering Research

Kelli

Jacque

David

Kate

Monique

Emily

Robert

Rebecca

Ziba

Jeremy

Junhui

Andy

Kate

Monique

Emily

Robert

Rebecca

Ziba

Jeremy

Junhui

Andy

Kate

Monique

Emily

Robert

Rebecca

Ziba

Jeremy

Junhui

Andy

Kate

Monique

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Junhui

Andy

Kate

Monique

Emily

Robert

Rebecca

Ziba

Jeremy

Junhui

Andy

Kate

Monique

Emily

Robert

Rebecca

Ziba

Jeremy

Junhui
Division of Engineering Research (DER)

DER is located in the Engineering Building Room 2527
https://www.egr.msu.edu/der/  Proposals@egr.msu.edu

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Ziba Banafsheha, Research Administrator I
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• Monique Viau viaumoni@egr.msu.edu
• Jeremy Webb webbjer2@egr.msu.edu
• Dhwani Jain jaindhwa@egr.msu.edu
Thank you for attending!