MSU REPID Program

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Program Director

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Program Assistant
PROGRAM SUPPORT

- National Institutes of Health (NIH) – National Heart, Lung and Blood Institute (NHLBI)

- Michigan State University:
  - The Office of Research
  - The Office of the Provost
Goals: REPID Program

- Our inspiration is to challenge the existing problem of diversity and health disparities in biomedical/clinical research and clinical practice.

- To foster career development for motivated individuals from underrepresented, minority, and disadvantaged (URMD) students at MSU.

- Provides a short term research training and enrichment experience for MSU undergraduate/graduate/medical health professional students.

- To inspire these students to pursue research careers in cardiovascular, pulmonary and hematologic disciplines.
Program Overview

- Scholarship support.
- Spring term biomedical research training course.
- Summer hands-on-research training.
- Attend a biomedical conference.
Qualifications

- MSU Undergraduate, Graduate, Lifelong and Health Professional Students.
- Minimum GPA of 2.0.
- In good academic standing with the University.
- Must be a U.S. Citizen or U.S. Permanent Resident.
Qualifications (cont.)

- A guide for courses (all students will have different course loads):
  - **BS 161**: Cell & Mol Biol or **BS 111**: Cell & Mol
  - **BS 171** or **BS 111L**: Cell & Mol Biol Lab
  - **CEM 141**: Gen Chem
  - **CEM 161**: Chem Lab I
  - **CEM 252**: Org Chem II
  - **MTH 116**: College Algebra & Trig
Qualifications (Cont.)

According to National Institute of Health (NIH) and the National Science Foundation (NSF) for underrepresented, minority and disadvantaged groups are defined as:

- African American or Black
- American Indian or Alaska Native
- Chicano or Mexican American
- Individual with disabilities
- Individual from a financially disadvantaged background
- Individual from a social, cultural or educational disadvantage background
- Hispanic or Latino
- Native Hawaiian or other Pacific Islander
$7,000-$12,000 Total Award Package (dependent on class level)

- **Tuition**: MED 492 ($1000)

- **Stipend**: Summer hands-on research training stipend (either $4000 or $7000, depending on student level). Hourly pay, max. of 12 weeks (40 hr/wk).

- **Travel Award**: to local/regional/national scientific conference ($500)

- **Housing**: Summer room and board ($1000-$1500)

- **Lab supplies**: My Dr. E.T.'s Toolkit & additional lab support of $500 (Total $1000)
Spring Course: MED 492
Basics & Methods in Biomedical Research

- Intro to research concepts, strategies, methods and lab techniques in biomedical research.
- Lab safety, regulations, quality control and quality assurance.
- Online-LIVE via Adobe Connect.
My Dr. E.T.’s Lab Toolkit
Summer Hands-on Research Training

- Research Interests:
  - Pulmonary, cardiovascular, & hematology.

- Type of Research:
  - Bench type, field studies, health services or epidemiological research.

- Training Duration
  - Maximum: 480 hours.
### 2012

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<th>Mentor</th>
<th>Department</th>
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<tr>
<td>Dr. Julia Busik</td>
<td>Physiology</td>
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<tr>
<td>Dr. Bryan Copple</td>
<td>Pharm &amp; Tox</td>
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<td>Dr. Ann Dorrance</td>
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<td>Dr. Jim Galligan</td>
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<td>Dr. Kathy Gallo</td>
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<td>Epi &amp; Biostatistics</td>
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<td>Dr. Mark Kadrofske</td>
<td>Pediatrics</td>
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<td>Dr. John LaPres</td>
<td>Molecular Biology</td>
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<td>Dr. Laura McCabe</td>
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<td>Dr. Sheba MohanKumar</td>
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<td>Dr. Nigel Paneth</td>
<td>Epi &amp; Biostatistics</td>
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<td>Dr. Narayananan Parameswaran</td>
<td>Physiology</td>
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<td>Dr. Won Song</td>
<td>Hm Nutri &amp; Food Sci</td>
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<td>Dr. Stephanie Watts</td>
<td>Pharm &amp; Tox</td>
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<td>Dr. Marc Basson</td>
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<tr>
<td>Drs. Julia Busik &amp; Denis Proshlyakov</td>
<td>Pharmacy/BMB</td>
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<td>Dr. James Galligan</td>
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<td>Dr. Jack Harkema</td>
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Applying to the Program

Go to: www.repid.msu.edu ➔ prospective students section:

1. REPID Application.
2. Resume/CV.
3. A statement of your purpose. *(2 pages max.)*
4. Official transcript.
5. Three *(3)* letters of recommendations.
   - Two letters must to be from a MSU faculty or staff member.

- Application Deadline: **October 15**
Program Staff

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  *Program Director*

- Lindsay Gluf, B.A.  
  *Program Assistant*
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