Fellows

Brainstorming Session
WHY

INNOVATE
education for better health

IMPROVE
learning and teaching

INFLUENCE
Michigan Medicine and beyond

COMMUNITY OF PRACTICE

A diverse, inclusive and collaborative community of innovators will solve problems, share best practices, foster professional development and drive innovation.

WHO AND WHAT

PEOPLE

ACTIVITIES

CULTURE
Eligible for all faculty, staff and learners in Michigan Medicine
2019 Fellows

**John Burkhardt, MD, PhD**
Department of Emergency Medicine
Dr. Burkhardt is an Assistant Professor in the Department of Emergency Medicine. As a RISE Fellow, Dr. Burkhardt will engage residents to use their individual clinical practice data to stimulate critical reflection on unconscious bias in health care practices.

**Marcus Sherman**
Department of Computational Medicine and Bioinformatics
Mr. Sherman is a Graduate Student in the Department of Computational Medicine and Bioinformatics. He aims to improve scientific knowledge for all biomedical science GSIs through a novel curriculum combining traditional classroom education with community outreach.

**Shoba Subramanian, PhD**
Office of Graduate and Postgraduate Students, Medical School Administration
Dr. Subramanian is Director of Curriculum and Educational Initiatives and Adjunct Clinical Lecturer in Cell and Developmental Biology. As a RISE Fellow, Dr. Subramanian will develop competencies and a competency-based intervention to facilitate creativity and problem-solving in early biomedical sciences graduate students.

**Marty Tam, MD**
Department of Internal Medicine, Cardiology
Dr. Tam is an Assistant Professor in the Division of Cardiovascular Medicine, Department of Internal Medicine. As a RISE Fellow, he will develop a time-variable model of education for late residency and early cardiology fellowship using entrustable professional activities (EPA) in practice.
Timeline

December 17 – Call for Fellowship Applications Opened

January 8 4-5 PM – RISE Fellowship Brainstorming Session

March 6 – Application deadline

April 29 – Applicant inquiries

Late May/early June – Notification of Decision

October 2020 – RISE fellowship and FTE funding begins
Submit application on our RISE website:

https://rise.med.umich.edu/rise-activities/fellowship-application/

1. Resume or Curriculum Vitae
2. A brief proposal on your proposed education innovation that details: (4-page limit)
   a. What existing major health problem/need will you address?
   b. How will your education innovation address this problem/need?
   c. What potential barriers and challenges do you anticipate?
   d. How do you propose to measure the impact of your proposed innovation (both early, ongoing, and end state)? Who will you recruit to join your team? It is strongly recommended that the team include a learner.
3. An itemized budget that details how you propose to use the proposed innovation funds (up to $7,500)
4. A letter of support from your supervisor, director, division or department chair, addressed to Dr. Rajesh Mangrulkar (executive director, RISE), that addresses their support for your Fellowship. This letter must include: 1) an explicit agreement to accommodate the 25% reduction in employment or education responsibilities required to participate as a RISE Fellow and, 2) a statement regarding the alignment of the RISE initiative with the applicant’s career/educational development.
Does project aim to transform processes within science, health, and/or healthcare delivery?

Does this project have potential to scale broadly?

Does project attempt to translate innovation into real health or science outcomes?

Does project address major health issue(s) facing society?

Fellowship Selection Process

Fellow selection is based on the project proposal AND the applicant

Project

Applicant

Strategic Prioritization

Translation of Education

Scale of Implementation

Degree of Change

Experience & Expertise

Diverse Perspective

Propensity for Innovation as Determined by Competencies

Resume/CV

Inquiry

Letter of Support

Inquiry

Letter of Support
Strategic Priorities

Based on extensive input from our community, initial priorities during this pilot phase include ideas that will:

- **Facilitate Learner Creativity and Scientific Problem Solving**
- **Support Transitions Along the Continuum** (e.g., pre-candidate to candidate, medical school to residency, etc.)
- **Coordinate Learning Systems and Clinical/Scientific Data Across the Continuum**
- **Address Key Health Issues Currently Affecting Society**
Strategic Priorities

Key health issues identified by our community:

- Health Care Access
  (including costs, delivery or disparities)

- High-prevalence Health Conditions
  (including obesity, mental health, & chronic pain)

- Preventative Health Care
  (including vaccinations & ecological issues)
## Translation of Education

<table>
<thead>
<tr>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
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<tbody>
<tr>
<td>Explores an educational intervention within an experimental setting to improve knowledge, skills, or other attributes</td>
<td>Transfers the educational intervention into an applied setting to advance patient care or science practices</td>
<td>Improves real-world health or science outcomes</td>
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<tr>
<th>Level 1</th>
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<tbody>
<tr>
<td>Adjustment to a process</td>
<td>Modification of a process</td>
<td>Transformation of a system</td>
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<tr>
<td>Scalable across</td>
<td>Scalable across multiple organizations/institutions</td>
<td>Scalable nationwide (or beyond)</td>
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<td>a single institution</td>
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Please Join Our Community of Education Innovators

https://rise.med.umich.edu/connect-with-rise/