Galvanizing Engineering in Medicine Student Teams On Needed E-health Solutions (GEMSTONES) Community Engagement Research Award

The Institute of Engineering in Medicine (IEM) is committed to partnering with campus and the San Diego broader community to develop technologies that seek to address unmet health-related solutions, particularly for those communities that are marginalized or underserved. The GEMSTONES Community Engagement Research Award is intended to provide funding support for faculty co-investigators from engineering, health and social sciences to mentor and supervise teams of undergraduate or graduate students in developing technology projects that better define and address health-related community needs.

**Award Amount:** Up to $10,000 each. Three annual awards to support community engagement research, mentoring and outreach activities of faculty co-investigators teamed with undergraduate or graduate students, who propose technology projects at the interface of engineering, health and social sciences that better define or address unmet health-related needs with diverse communities.

**Eligibility**

- Interdisciplinary ladder rank and research faculty at UC San Diego conducting mentored student research training at the interfaces of engineering, biomedical, public health and/or social sciences.

**Application Instructions**

- **Applications will be considered on a rolling basis beginning April 1st until available funds have been allocated**
- Please upload your application on this web page including the following documents in PDF format:
  - NIH Biosketch of proposed faculty co-mentors (5 pages)
  - a one- to two- page research statement describing:
    - for potential/new community-academic partnerships, plans to develop new partnerships and the unmet community health-related need;
    - for established community-academic partnerships, describe your partnership and the unmet community health-related need;
    - the composition of the student team including the degree aim and major of each student and their anticipated role(s); and
    - the planned or anticipated technical development; how success of the project will be defined, evaluated and sustained.
  - One page budget using general categories

**Selection**

- An independent faculty review committee of up to five members of the IEM from Engineering, Health and Social Sciences will evaluate applications and select awardees.
- The committee will prioritize applications based on: (a) whether the research area is appropriately interdisciplinary and is likely to better identify and serve an unmet health-related community need; (b) the potential impact of the proposed project to improve
community health outcomes, especially among underserved or marginalized groups; and (d) the potential for the project to be sustained by future funding.

- Applicants are strongly encouraged to use regional evidence-based resources such as HealthDAT (http://www.healthdat.org/), to establish and define unmet health needs and priorities.

### Award

- IEM will provide up to $10,000 to support research expenses including community meetings and surveys, research supplies and equipment, outreach events.
- The research award should be utilized within the first 24 months of award date. Any balance remaining will be retained by IEM.
- Successful applicants can also request that funds be used for other approved activities that support community engagement research.