

# The Campaign For UC San Diego

At the University of California San Diego, challenging convention is our most cherished tradition. The Campaign for UC San Diego is a university-wide comprehensive fundraising effort to transform the student experience, our campus, and ultimately the way humanity approaches problems and develops solutions.

## The Institute of Engineering in Medicine

UC San Diego's Institute of Engineering in Medicine (IEM) supports bioengineers and clinical researchers as they team up to deliver high-impact discoveries. The IEM structures its activities to focus on the convergence of disease, technology, and science – applying engineering approaches to medical problems. Health challenges of the 21st century exceed the expertise of any one specialist. By supporting interdisciplinary team projects and cultivating a system of collaboration and exchange, the IEM develops dynamic innovators who carry the promise of a healthier future.

### Connecting the medical discovery pipeline

The IEM promotes and accelerates the development of innovative technologies for delivery to patients and the public. Its 14 centers create platforms for collaboration for engineers and health researchers in diverse specialties grouped by a defined area of clinical impact or medical technology. As teams advance from discovery to proof of concept and clinical translation, the IEM's research centers stand as a continuously renewing resource of fresh ideas and innovations.

### Extending beyond campus

With the active involvement of industry partners and clinical colleagues, the technologies developed in the IEM become candidates for clinical translation -- enhancing the health and wellbeing of people everywhere. Philanthropic partners can play a key role by supporting scientists at this crucial inflection point – proving the promise of engineering and technology innovation.



### First in nation

For biomedicine/bioengineering (Best Graduate Schools, *U.S. News and World Report*, 2022)

### 6th

Among public schools for National Institutes of Health research funding, FY19

### 7,000+

Patients receiving treatment in clinical trials

### 1,000+

Over 1,000 companies utilize, or have utilized, technology created at UC San Diego

## Continue the nontradition.

# Innovation in action

**Galvanizing Engineering in Medicine (GEM)** — In partnership with the Altman Clinical Translational Research Institute (ACTRI) and the Institute for the Global Entrepreneur (IGE), the GEM program enables clinical and engineering talent at UC San Diego to synthesize knowledge and identify pressing healthcare challenges with engineering solutions that can be implemented *rapidly*. Divided into two phases, innovation seed grants and longer-term support for clinical translation provide continuity from concept to clinic.

**Galvanizing Engineering in Medicine Student Teams on Needed E-Health Solutions (GEMSTONES)** — Supports new partnerships between engineering students, clinicians and the community to find new solutions for the public health and clinical needs of underserved patients and communities. GEMSTONES awards funding to teams of engineering students working with clinicians and community groups to apply AI, data sciences, communications and mobile apps to develop novel solutions that seek to reduce healthcare disparities or that take advantage of clinical data sets on unique or underserved local populations.

**Galvanizing Engineering in Medicine INclusion Initiative (GEMINI)** — GEMINI focuses on diverse early career scientists on their journey to leadership in health and technological innovation, especially those less likely to benefit from the informal resources and networks that can be a significant factor in individual success.

With GEMINI, we will support diverse early career faculty and research scientists, post-doctoral and pre-doctoral trainees who conduct research, outreach or advocacy to enhance diversity, access and inclusion at the intersections of engineering and medicine, including community-enhancing events celebrating diversity, mentoring of underserved students for educational and career, and support for career development.

## Giving Opportunities

We invite philanthropic contributions to strengthen the global pipeline of ideas and people needed to develop vital medical technologies. The following categories offer different options for recognition and focus, for gifts customizable to your vision and goals.

Recognition opportunities include sponsorship of awards and events and the namings of endowments to sustain each of these initiatives. To learn more about specific options for programs and recognition, please [reach out](#) today.

## Help us continue the nontradition.

**With your help**, UC San Diego will help design thinking proliferate as a change-catalyzing practice in technology, health, business, communication, and all areas of societal endeavor. Together with your philanthropic support of the **Campaign for UC San Diego**, we can become the world's preeminent resource for design education, research, and community connection..

---

[Learn more at campaign.ucsd.edu](https://campaign.ucsd.edu)

For more information, please contact:

**Sean Burns**  
Director of Development,  
Jacobs School of Engineering  
(858) 246-0593  
sburns@ucsd.edu