



Do you have a great idea or project that you
would like to pursue?

Join the UCI BioENGINE Program!

We are seeking physicians, scientists, clinicians, and industry representatives who will mentor engineering students to develop healthcare solutions...

What is BioENGINE?

BioENGINE = BioEngineering, Innovation and Entrepreneurship

Undergraduate Senior Capstone Design Course:

- 3 Quarter Program (**9 months**)
- Open to ALL senior engineering undergraduate students
 - mostly biomedical engineering and materials science students
- Teams of 4-6 students will identify, invent, and implement a solution to your unmet need or project



Throughout the 9-month program, the students will:

- Define the unmet need
- Define the FDA Design Control Requirements
- Define the Product Specifications
- Explore Possible Technical Solutions
- Explore Market Strategies and Commercialization
- Review Technical Solutions versus Requirements
- Develop a Preferred Technical Solution
- Fabricate and Test an Initial Prototype
- Document and Present the Project Development Results

Past Projects and Course Website: <http://projects.uci.design>

Interested in Participating as a Mentor?

Contact the Instructors with a synopsis of your project ideas *no later than 9/1/2019*:

Dr. Christine King, kingce@uci.edu or Dr. Michelle Khine mkhine@uci.edu

We will be hosting an Unmet Clinical Need Reverse Pitch Night where you will pitch your idea to students:

- **October 1st, 2019: 5:30-7:30pm at UCI (location TBD on UCI Campus)**
- Present a 2 minute pitch on any projects or ideas you would like engineers to pursue
- Students will then match with projects and ideate a proposed solution
- *Industry Sponsors ONLY: \$5K donation per project*