**About the Biodesign Faculty Fellows Program**

The Biodesign Faculty Fellowsprogram was launched in 2015 to provide selected Stanford faculty members with advanced training and mentoring in health technology innovation. Stanford faculty are recognized internationally for their ability to create breakthrough innovations, but many lack the knowledge and network of contacts to effectively advance those innovations into patient care. Based on the successful biodesign innovation process, the Biodesign Faculty Fellows program will lead participants through a stepwise approach for identifying important innovation opportunities, inventing cost-effective solutions, and – importantly – preparing to implement those inventions into successful products in the clinical marketplace.

The program launches in the fall (early October) and then runs through winter and spring terms (January through May), with the Faculty Fellows learning the biodesign innovation process through a combination of in-person and self-paced activities. At the core of the program are near-weekly small group working sessions led by experienced health technology innovators, including Biodesign faculty, other academic entrepreneurs, and industry experts. During the course of the program, Faculty Fellows will develop innovations based on clinical needs and/or inventions originating from their experience in the field.

The cohort for 2020-21 will include up to 12 Faculty Fellows from medicine and engineering. Selection will be by application and will require direct support from the appropriate Division Chief or Department Chair. Specifically, the divisions/departments will be asked to allow time for faculty to participate in the program. They will also be required to help underwrite its cost ($9,000 per faculty member). It is your responsibility to talk with your Division Chief and Department Chair to make them aware of these requirements and confirm their support. We advise you to keep both your Division Chief and Department Chair apprised of your status throughout the application process. For applicants from the Department of Surgery, please also notify Geoff Gurtner of your intention to apply. As the department’s Vice Chair of Innovation, Dr. Gurtner’s pre-approval of your application is necessary to secure department funds.

Participants selected for the program will be expected to:

* Attend a mandatory kick-off meeting and training “boot camp” that will be held from 12:00-7:00 pm at the Stanford d.school on October 21, 2020.
* Complete a “needs finding” exercise in the hospital and/or clinics prior to January 2021 (approximately 10-12 hours). While this exercise in process, we’ll have mandatory check-in meetings from 5:30-7:30 pm on November 18, 2020 and December 16, 2020.
* Devote an average of 8-10 hours per week from January until June to complete a combination of video viewing, reading, project assignments, and small group workshops held most Wednesday evenings from 5:30-7:30 pm (dinner will be provided).

To apply for the Biodesign Faculty Fellows Program, please complete the following one-page form and submit it **along with your CV** to [erj@stanford.edu](mailto:erj@stanford.edu) **by Friday, August 28**. Finalists will be invited to a 30-minute interview with our program leaders between September 8-11, and all applicants will be notified of their status no later than September 18.

More information is available online at <http://biodesign.stanford.edu/programs/fellowships/faculty-fellowship.html>. Or, if you have questions, please contact Emily Johnson, Fellowships Manager ([erj@stanford.edu](mailto:erj@stanford.edu)) or Ryan Van Wert, Associate Director, Biodesign Faculty Fellowship ([rvanwert@stanford.edu](mailto:rvanwert@stanford.edu)). Thank you.

**Biodesign Faculty Fellows Program – Application Form**

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| **General Information** |  |
| Faculty member name |  |
| Email address |  |
| Contact phone |  |
| Department chair name |  |
| Division chief name |  |

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| **Please briefly describe why you are interested in becoming a Biodesign Faculty Fellow. What makes you a good fit for this for this program?** |
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| **Do you have any previous experience working on a translational research project (or other entrepreneurial activity) at Stanford or another university? If so, please briefly describe.** |
|  |

I understand that the Biodesign Faculty Fellows Program will launch on October 21, 2020 and run through winter and spring quarters 2021. It will require 8-10 hours per week. I am able to make these commitments and have the support of my department/division. I further confirm that I have spoken about my application with my Department Chair and/or Division Chief and have their support.

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Faculty member signature Date

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Department Chair or Division Chief signature Date

Do you have a specific interest in any of the following areas of technology innovation? (check all that apply)

\_\_\_ Digital health

\_\_\_ Health equity

\_\_\_ Machine learning/artificial intelligence (AI)

\_\_\_ Global health

\_\_\_ Teaching health technology innovation

\_\_\_ Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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