BIOE 273, MED 273 Biodesign for Digital Health
Fall Quarter – Academic Year 2020/2021

Health care is facing significant cross-industry challenges and opportunities created by a number of factors including: the increasing need for improved access to affordable, high-quality care; growing demand from consumers for greater control of their health and health data; the shift in focus from "sick care" to prevention and health optimization; aging demographics and the increased burden of chronic conditions; and new emphasis on real-world, measurable health outcomes for individuals and populations. Moreover, the delivery of health information and services is no longer tied to traditional "brick and mortar" hospitals and clinics: it has increasingly become "digital," enabled by apps, sensors, wearables and the cloud; simultaneously, it has been augmented and often revolutionized by emerging digital and information technologies, as well as by the data that these technologies generate. Government initiatives to implement electronic health records (HITECH Act, 2009), firm rules to dramatically expand data interoperability via APIs (21st Century Cures Act Information Blocking Final Rule, 2020) and increased reimbursement for remote monitoring and telemedicine particularly spurred by the needs during the COVID-19 pandemic have all heightened the relevance of digital health solutions. This multifactorial transformation presents opportunities for innovation across the entire cycle of care, from wellness, to acute and chronic diseases, to care at the end of life.

But how does one approach innovation in digital health to address these health care challenges while ensuring the greatest chance of success? At Stanford Biodesign, we believe that innovation is a process that can be learned, practiced, and perfected; and, it starts with a well defined need. In Biodesign for Digital Health, students will learn about digital health and the Biodesign needs-driven innovation process from over 30 industry experts. Over the course of ten weeks, these speakers join the teaching team in a dynamic classroom environment that includes lectures, panel discussions, case studies, and breakout sessions. These experts represent startups, corporations, venture capital firms, accelerators, research labs, health systems, and more. Student teams will take actual digital health challenges and learn how to apply Biodesign innovation principles to research and evaluate needs, ideate solutions, objectively assess them against key criteria for satisfying the needs, and ensure all stakeholders in the ecosystem are addressed. Teams take a hands-on approach with the support of needs coaches and mentors from industry. On the final day of class, teams present to a panel of digital health experts and compete for project extension funding.

IMPORTANT: Enrollment by application only. Applications are open now and will be accepted through 9/4/2020. Students will be informed if they are admitted to the class by 9/16/2020. Up to 32 students will be admitted into the course.

APPLY ONLINE AT: https://tinyurl.com/y42kx87g
Units: 3 units

Day/Time/Location: The class starts on September 23, 2020 and ends on December 2, 2020. Following regular class hours on December 2, a ceremony will be held at Stanford Biodesign to award the top student projects.

**Wednesdays 3:30 – 6:20 pm**
Li Ka Shing Center, LK102
A combination of lectures, panels, and breakout sessions.

**Fridays 12:30 – 1:20 pm**
Fridays are for team project work and workshops. There are five mandatory workshops that all students must attend.

**September 25, 2020:**
Team Kickoff: Needs assignment and team exercise

**October 16, 2020:**
Intellectual Property In Digital Health

**October 23, 2020:**
Digital Health Regulatory Discussion

**November 13, 2020:**
Design Workshop: Designing Your Product and Pitch

**November 20, 2020:**
Sales and Investor Presentations

The four-five mandatory workshops will run from 12:30-1:20 in TBD location.

On days when there are no scheduled workshops, students are invited to work in the Biodesign studio, Clark E126, but can meet at any location that’s convenient for the team.

Course Materials: No textbook is required. **See the reading list at the end of this syllabus for an overview of course reading materials.** Access to each reading assignment will be available on Canvas. Students are expected to complete assigned readings **before** each class session.
Additional course materials on Canvas include information on guest speakers and templates for completing class assignments. Presentation slides from the speakers who give consent will also be posted.

**Course Communications:**
- **Canvas:** Canvas will be used for all formal class communications and the submission of assignments.
- **Slack:** Students will be invited to join a class Slack channel for informal questions and collaboration. We will invite you to the Slack team on the first day of class. If you haven’t already downloaded Slack, please do so!

**GOALS FOR THE COURSE**

At the end of this course, students will:
- be able to ask informed questions and apply critical thinking to understand the evolving digital health industry sector;
- be able to recognize, describe and apply the needs-driven Biodesign approach to the creation of innovative concept solutions in digital health;
- have developed the start of a real concept that might merit additional work towards the creation of a solution.
- identify the interests and alignment with all the key stakeholders;
- have developed or refined the soft skills required to work in teams and with the support of external advisers and mentors towards achieving and presenting digital health projects outcomes.

**INSTRUCTIONAL METHOD**

The Biodesign for Digital Health course is taught by a combination of faculty from Stanford University and other organizations, as well as invited speakers from the digital health industry and entrepreneurial community. Students will devote significant time and effort working in teams, with the guidance of needs coaches/mentors. The course provides a unique chance to gain real-world insights; to acquire or refine the soft-skills necessary to work in multidisciplinary teams and interact with outside experts; to build a relevant network of digital health enthusiasts and professionals; and to learn about career paths in health innovation.

The typical format of a Wednesday afternoon in the classroom is:

- 3:30 – 4:25 pm  Lecture/Team Activity
- 4:30 – 5:15 pm  Breakout Session
- 5:20 – 6:20 pm  Panel Discussion/Case Studies and Networking

**STUDENTS RESPONSIBILITIES**

Biodesign for Digital Health, 2020/2021
Absences
No more than one unexcused absence is permitted. A second absence may be permitted with written justification by the student and make-up work negotiated with his/her team members on the course project. Please communicate absences to the TA in advance. More than two absences will reduce the student’s final grade by one full letter grade.

GRADING

3 Units – CR/No CR or Letter Grade
Students may elect to attend the course for CR/No Cr or for a Letter Grade. In addition to attending classes, completing readings, and participating actively in the classroom environment, students are required to complete a class project exploring a need in digital health. See the Class Projects section below for more information.

Grading will be based on:

10% Attendance in class; no more than 2 absences are allowed (see attendance policy above).
10% Class participation and teaching team assessment: participation will be assessed by the teaching team and TA in class discussions, project team meetings, and via feedback gathered via peer evaluations.
10% Peer evaluations: in a confidential surveys, students are asked to evaluate their teammates for dependability, effort, quality of work, attitude, and initiative. Students will be sent a CATME link to the survey halfway through the semester (10/22) and at the end of the semester (12/5).
5% Research plan due on October 7, 2020. (2 teams to present at random).
12.5% Needs presentation given Wednesday, October 21, 2020.
12.5% Concept design presentation given Wednesday, November 11, 2020.
40% One-page project summary and final presentation delivered on Wednesday, December 2, 2020. All team members must be present on this date. Project teams should share presentation responsibilities. The slide deck (Google Slides) must be submitted in advance and no later than 11:59 pm on Monday, November 30.

CLASS PROJECTS

Prior to the first day of class, students will be matched into cross disciplinary teams of approximately four members based on the information they provided on the course application. As a group, the team will choose a project from the need areas that have been sourced by the teaching team. The team will then outline a research plan to evaluate the chosen need area, draft and refine a focused need statement based on primary and secondary research, ideate solution concepts, and objectively assess them against key criteria for satisfying the needs.
Project progress will be tracked via a Google Doc “team card” that is updated at regular intervals by the team, in addition to three in-class presentations (Google presentations) that should be linked to the team card. The schedule is outlined below:

- **October 6** by 11:59 pm - First draft of need statement and research plan (see templates in Canvas) (submit via team card.)
- **October 20** by 11:59 pm - Need statement and criteria presentation (submit via Canvas and present during class, update in the team card.)
- **November 17** by 11:59 pm - Concept presentation (submit via Canvas and present during class, update in the team card.)
- **December 1** by 11:59 pm - One-page project summary and final presentation (submit via Canvas); to be presented on the last day of class presentation format, December 2. *Students must also communicate if they are interested in NEXT funding prior to the final presentation.*

The key criteria we are looking for in the project deliverables are (1) **understanding of the need** and (2) **representation of the biodesign innovation process** from need finding to concept generation and screening. The first is paramount and involves a clearly formulated and well-researched need statement. The second involves a strong process towards solution generation and selection (originality and potential for impact will be praised), with attention to opportunities for technical development (feasibility) and delivering strategies (sustainability, as can be achieved after thorough understanding of the competitive and stakeholder landscape and the market viability).

By focusing on the need and how students have applied the innovation process to address it, teams will demonstrate that their solution has a reasonable likelihood of being accepted by all stakeholders. In evaluating the projects, we will place greater emphasis on evaluating the caliber of the research performed and what students have learned. High quality of content and deliverables is most important, and is always preferred over quantity with limited insight. Additional information on the final presentations and past examples of project papers and slides will be distributed in November.

**BIODESIGN NEXT PROGRAM**

The top teams chosen by the final presentation panelists on December 2 are eligible to continue working on their projects through the Biodesign NEXT extension funding program. Students who participate in Biodesign NEXT can register for additional credit and receive ongoing mentorship, as well as extension funding for 1-2 additional quarters. More information about this opportunity will be provided in class.

**INTELLECTUAL PROPERTY / OWNERSHIP**

As part of this project-based course, you and your teammates will potentially generate an invention that may be patented or copyrighted. As a general rule, all potentially patentable inventions conceived or first reduced to practice in whole or in part by Stanford’s community in the course of their University responsibilities or with more than incidental use of University resources are owned by the University regardless of the source of funding, if any. Similarly, Stanford holds the copyright for materials developed...
with the significant use of University resources or personnel. If you and your teammates wish to take your invention forward beyond your time at Stanford, please contact the teaching team and we will help facilitate an introduction to Stanford’s Office of Technology Licensing, which will work with the team to understand your options. Stanford has a long, successful history in technology licensing marked by collaborative relationships with inventors and by flexibility in negotiations. The OTL is committed to helping faculty, staff, and student teams navigate the processes of patenting and licensing with the goal of transferring their research to industry in order to benefit society.

CONTACT INFORMATION

Course Directors
Oliver Aalami, MD  aalami@stanford.edu
Michelle de Haaff  mdehaaff@stanford.edu
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Teaching Assistant
Neha Srivastha  nehasriv@stanford.edu

Course Manager
Shiqin Xu  shiqinxu@stanford.edu

COURSE CULTURE

We are committed to affirming the identities, realities, and voices of all students, especially those from historically marginalized or underrepresented backgrounds. This course values the use of person-centered language and preferred gender pronouns, and respect for the experiences of others.

STUDENTS WITH DOCUMENTED DISABILITIES

Students who may need an academic accommodation based on the impact of a disability must initiate the request with the Office of Accessible Education (OAE). Professional staff will evaluate the request with required documentation, recommend reasonable accommodations, and prepare an Accommodation Letter for faculty dated in the current quarter in which the request is made. Students should contact the OAE as soon as possible since timely notice is needed to coordinate accommodations. The OAE is located at 563 Salvatierra Walk (phone: 723-1066, URL: http://studentaffairs.stanford.edu/oae).

WEDNESDAY CLASS CONTENT: A WEEK-BY-WEEK VIEW
### Class 1 September 23, 2020

**Introduction; Overview of Biodesign Process and Digital Health**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Description</th>
</tr>
</thead>
</table>
| 3.30PM-4.20PM | LECTURE       | Course Overview/Team Card Introduction  
|             |               | Digital Health Framework  
|             |               | Biodesign Process Overview  
|             |               | How Digital Health Can Expand Opportunities in Need-Driven Innovation  
|             |               | Exercise: Writing a Need Statement |
| 4.30PM-5.15PM | KEYNOTE       | Digital Health Landscape |
| 5.15PM-5.50PM | PRESENTATIONS | Examples of digital health innovations from past students |
| 5.55PM-6.20PM | NETWORKING    | |

**Lecture**

Oliver Aalami, Stanford Byers Center for Biodesign  
Michelle de Haaff, Stanford Byers Center for Biodesign

**Keynote**

Glenn Snyder, Deloitte Medical Technology Practice Leader - Oliver

**Presentations**

Alumni Guests (All Biodesign NEXT winners and funding recipients):
- Team Osteotech BIOE273 2020  
- Team Autijob BIO272 2020  
- Team NuLeaf BIOE272 2016  
- Team Surge Therapy BIOE272 2018

This week’s Friday workshop is:

**September 25, 2020 at 12:30:** Workshop: “Team Kickoff”  
Needs assignment and working in teams

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**Class 2: September 30, 2020**

**Digital Health Need Finding**


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<tr>
<th>Time</th>
<th>Session</th>
<th>Activity</th>
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<tbody>
<tr>
<td>3.30PM-4.20PM</td>
<td>LECTURE</td>
<td>Biodesign Process: Needs Finding and Research Plan</td>
</tr>
<tr>
<td>4.30PM-5.15PM</td>
<td>BREAKOUT SESSION</td>
<td>Teamwork time: Discuss first draft of need statements and develop a research plan</td>
</tr>
<tr>
<td>5.20PM-6.20PM</td>
<td>PANEL</td>
<td>Digital Health Needs</td>
</tr>
</tbody>
</table>

Assignment Due For This Class
Reading Assignment

Lecture
James Wall, MD, Faculty, Stanford Byers Center for Biodesign (see if James can add in Research Plan to his lecture)

Panel
MODERATOR:
James Wall, MD, Faculty, Stanford Byers Center for Biodesign

GUEST PANELISTS:
- Jacqueline Shreibati, MD, MS, FACC, Medical Director, Alivecor (now at Google) - needs finding in a big company
- Julia Hoffman, Psy.D., VP Behavioral Strategy, Livongo
- Pelu Tran, CEO Ferrum Health (Augmetix Founder)

Assignment:

**First draft of need statement and research plan** (see templates in Canvas) (submitted via team card)
Due 11:59 pm on October 6th
### Class 3: October 7, 2020  
**Refining the Need / Designing for the Disadvantaged**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Description</th>
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</table>
| 3.30PM-4.20PM | LECTURE                          | Refining the Need by Going Out of the Box  
Social and Environmentally Conscious Innovation  
Due: Need Statement v1 and Research Plan  
Need Statement and Research Plan Presentations (2 teams at random) |
| 4.30PM-5.15PM | BREAKOUT SESSION                | Thinking Out of the Box with Robin Goldstein  
Team Activity and Report Back |
| 5.20PM-6.20PM | CASE STUDY                       | Grand Rounds, How a Clinician Thought Out of the Box to Save His Son...... |

**Assignment Due For This Class**

**First draft of need statement and research plan** (see templates in Canvas) (submitted via team card)  
Due 11:59 pm on October 6th

**Lecture**
Robin Goldstein, JD, Former Apple, Sony & DEC Executive, Refining the Need by Going Out of the Box  
Narges Baniasadi, PhD, Social Impact Entrepreneur, Designing for the Disadvantaged

**Case Study**
Rusty Hofman, MD Founder, Grand Rounds and Medical Director, Digital Health Care Integration, Stanford Healthcare
Class 4  October 14, 2020  Enabling Technologies

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<tr>
<th>Time</th>
<th>Activity</th>
<th>Description</th>
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<tbody>
<tr>
<td>3.30PM-4.20PM</td>
<td>LECTURE</td>
<td>Biodesign Process: Needs Screening and Criteria Selection</td>
</tr>
<tr>
<td>4.30PM-5.15PM</td>
<td>BREAKOUT SESSION</td>
<td>Teamwork time: Develop first draft of need criteria with the teaching team. Teams 1, 3, 4, 7 - 4:30-4:50 Teams 2, 4, 6, 8 - 4:55-5:15</td>
</tr>
<tr>
<td>5.20PM-6.20PM</td>
<td>PANEL</td>
<td>Enabling Technologies (and how they connect to needs)</td>
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Assignment Due For This Class
Reading Assignment

Lecture
Lyn Denend, Director of Academic Programs, Stanford Byers Center for Biodesign

Panel
MODERATOR:
Michelle de Haaff, Stanford Byers Center for Biodesign

GUEST PANELISTS:
- Gloria Lau, Investor DCVC, CEO Alpha Medical
- David Kuraguntla, CEO GraftWorx
- Jiang Li, CEO Vivalink
- Ian Shakil, Founding Chairman, Augmedix, Inc.

This week’s workshop is:

October 16, 2020 at 12:30: Workshop “Intellectual Property in Digital Health”
Jessica Hudak, Associate Partner Gibson Dunn

Assignment:
Need Statement and Criteria Team Presentation (submitted via Canvas and presented during class)
Submit by 11:59 pm on October 20th
**Class 5  October 21, 2020**

<table>
<thead>
<tr>
<th>3.30PM-5:15PM</th>
<th>TEAM ACTIVITY CASE STUDY</th>
<th>Need and need criteria presentations (6 minutes per team, followed by 6 minutes of discussion)</th>
</tr>
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<tbody>
<tr>
<td>5.20PM-6.20PM</td>
<td>INTERACTIVE CASE STUDY</td>
<td>Digital Health Policy Case Study and Discussion</td>
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Assignment Due For This Class

**Need Statement and Criteria Team Presentation** (submitted via Canvas and presented during class)
Submit by 11:59 pm on October 20th

Assignment Due For This Class

Need statement and criteria presentation (submitted via Canvas and presented during class)
Submit by 11:59 pm on October 20th

Interactive Case Study
- Lucia Savage, Head of Policy at Omada
- Andy Coravos, Co-founder and CEO, Elektra Labs

This week's workshop is:

October 23, 2020 at 12:30:
Workshop “Digital Health Regulatory Topics”
Grace Bartoo. President & CEO | Decus Biomedical
Jared Seehafer, Founder, Enzyme

Assignment:
CATME Peer Evaluation due next week
### Assignment Due For This Class

Reading Assignment

**Lecture**
Varun Boriah, Founder, CEO, Lully Sleep
Pablo Pantaleoni, CEO, Headspace, Present Biodesign NEXT

**Panel**
MODERATOR:
Pablo Pantaleoni, CEO, Headspace

**GUEST PANELISTS:**
- Farzad Azimpour, Vice President, Strategic Innovation, Advanced Technology at Edwards Lifesciences, Stanford Biodesign
- Dennis Boyle, Founding Partner at IDEO
- Clare Purvis, Director, Behavioral Science at Headspace
- Silvia Vergani, Head of Research at Flexport and who co-led the Health Portfolio at IDEO
Class 7  November 4, 2020  Business Models / Validation

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<tr>
<th>Time</th>
<th>Activity</th>
<th>Description</th>
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<tbody>
<tr>
<td>3.30PM-4.20PM</td>
<td>LECTURE TEAM ACTIVITY</td>
<td>Business Model and Validation CATME (peer-peer evaluation #1)</td>
</tr>
<tr>
<td>4.30PM-5.15PM</td>
<td>BREAKOUT SESSION</td>
<td>Team Exercise: How are you going to get paid?</td>
</tr>
<tr>
<td>5.20PM-6.20PM</td>
<td>PANEL</td>
<td>Business Models and Validation</td>
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</table>

Assignment Due For This Class
Reading Assignment

Lecture
Oliver Aalami, Stanford Byers Center for Biodesign
Michelle de Haaff, Stanford Byers Center for Biodesign

Panel
MODERATOR:
Ryan Spitler, PhD, Associate Director Stanford PHINE Center

GUEST PANELISTS:
- Bill Evans, Managing Director, Rock Health
- Peter Hames, CEO Big Health
- Alex Morgan, Principal, Khosla Ventures
- Vineeta Agarwala, Venture Partner, Google Ventures
- Cheryl Cheng, BlueRun Ventures
Biodesign for Digital Health, 2020/2021

Class 8  November 11, 2020  Corporate Perspectives

| 3.30PM-5:15PM | TEAM ACTIVITY | Concept presentations (6 minutes per team, followed by 6 minutes of discussion) |
| 5.30PM-6.20PM | PANEL | Corporate Perspectives |

**Assignment Due For This Class**
Team Concept presentations

**Lecture:**
No Lecture Today (Team Presentations/Panel Only)

**Panel: Corporate Perspectives**
**MODERATOR:**
Christopher (Topher) Sharp, MD: Chief Medical Information Officer Stanford Hospitals and Clinical Professor of Medicine, Stanford School of Medicine

**GUEST PANELISTS:**
- Jonathan Wilt. CTO, Innovation, Ochsner, Ochsner Health System, Louisiana
- Jonas Thinggaard, Head of Technology Scouting and Incubation at Novo Nordisk (or other??)
- Alex Gao, Director of Digital Health Lab Samsung
- Vic Tandon, Sr. Manager, Innovation Product Strategy at Blue Shield of California
- Michael Mcconnell, Senior Research Scientist, Google Health and Clinical Prof of Medicine at Stanford (2nd round)
- Don Mordecai, National Leader for Mental and Behavioral Health, Kaiser Permanente

This week's workshop is:  

**November 13, 2020 at 11:30am: "Design Workshop"**
Ryan Brewster, MS3/Former BIOE273 TA/Designer
Christine Wun, Apple

This workshop is optional. To get design support from Ryan, schedule a 20 minute slot on Canvas.

**Assignment:**
Concept presentation (submitted via Canvas and presented during class)
Submit by 11:59 pm on November 17th

**Class 9  November 18, 2020  Entrepreneurship**

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<tr>
<th>3.30PM-4.20PM</th>
<th>LECTURE</th>
<th>Evaluating a Business for Success</th>
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<tr>
<td>4.30PM-5.15PM</td>
<td>BREAKOUT SESSION</td>
<td>Teamwork time: Brainstorming with mentors</td>
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<tr>
<td>5.30PM-6.20PM</td>
<td>PANEL</td>
<td>Entrepreneurship</td>
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**Assignment Due For This Class**

**Concept Presentation** (submitted via Canvas and presented during class)
Submit by 11:59 pm on November 17th

**Lecture**
Bob Kocher, MD, Partner | Venrock
Oliver Aalami, Stanford Byers Center for Biodesign

**Panel**
MODERATOR:
Scott Barclay, Investor,  DCVC

GUEST PANELISTS:
- Erin Palm, Chief Medical Officer, Suki AI
- Kate Rosenbluth, Cala Health

This week’s workshop is:
November 20: "Sales and Investor Presentations" Bob Kocher, MD, Partner Venrock Investments

**Assignment:**
One-page project summary and final presentation (submitted via Canvas); to be presented on the last day of class presentation format, December 2. *Students must also communicate if they are interested in NEXT funding prior to the final presentation.*
Submit by 11:59 pm on **December 1 (3 week)**
November 25, 2020  
Thanksgiving Break 🦃

December 2, 2020  
Final Presentations, Reception & Awards

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<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Details</th>
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</table>
| 3.30PM- 6.00PM | TEAM ACTIVITY            | Teams present a full, 10-15 slides presentation of their project to the class and a judging panel. All students must present.  
CATME (peer-peer evaluation #2)                                                                                              |
| 6.30PM- 7.45PM | NETWORKING                  | Winning teams are announced and awarded. Food and drinks are served in a casual atmosphere at Stanford Biodesign in the Clark Center, encouraging networking among students, faculty, and the final presentation panelists. |

Assignment Due For This Class:

Final Presentation Panelists Include:

Paul Yock, MD, Director, Byers Center for Biodesign  
Rick Altinger, Digital Health Start-up Founder  
Iana Dimkova, Investor GE Healthcare  
Soheil Sadaat, GenieMD/Angel Investor (Healthcare)  
Christina Farr, CNBC Healthcare Reporter

Final presentations are held at an auditorium LK102 classroom in the Stanford medical campus. After final presentations we will move to the Stanford Biodesign studio E126 for a celebration.
### Abbreviated Calendar

**Wednesday Class (c)/ Friday Workshop (w)**

<table>
<thead>
<tr>
<th>Date</th>
<th>Type</th>
<th>Activity/Reading</th>
<th>Panel</th>
</tr>
</thead>
</table>
| September 23 (c) | 23 | Introduction, Team Formation | Biodesign: The Process of Innovating Medical Technologies: Process Insights pp.39–pp.46  
*Why do digital health startups keep failing?* Paul Yock, Fast Company Magazine; 10.17.18 | Opening (Keynote, Presentations) |
| September 25 (w) | 25 | Team Kickoff                  |                                | NA                            |
| September 30 (c) | 30 | Needs Finding & Exploration | Glooko Inc., Case Study  
*Getting the Need Right* | Digital Health Needs |
| October 7 (c) | 7  | Refining The Need & Designing for The Disadvantaged | Sandstone Diagnostics Case Study  
*Need Criteria as a Guiding Light*  
*Slow Ideas*, The New Yorker Magazine; Atul Gawande, JULY 29, 2013 | Refining The Need |
| October 14 (c) | 14 | Needs Criteria Selection | Ginger.IO Case Study  
*User-Focused Ideation and Design* | Enabling Technologies |
| October 16 (w) | 16 | Intellectual Property in Digital Health |                                | NA                            |
| October 21 (c) | 21 | Team Presentation 1: Needs Presentation | Policy                          |
| October 23 (w) | 23 | Digital Health Regulatory Topics | FDA Medical Device Classification Overview | NA                            |
### Additional Recommended, but Optional Reading

A course offered by:

318 Campus Drive, Clark Center, Rm E100, Stanford University, CA 94305-5428
Website: http://biodesign.stanford.edu Tel: 650-736-1160