APPLICATION FOR DEPARTMENTAL 198 SUPERVISED STUDY ELECTIVE

STUDENT INSTRUCTIONS:

1. Submit the form **at least 4 weeks prior to the start of the work** being done. **If the form is not submitted by this deadline, you may not be able to receive credit for your work.**

2. You will be contacted by email when the form has been signed/approved by the Dean. Processing time for most forms is 5-7 business days.

3. It is your responsibility to add the course to your study list for the appropriate term(s). BE VERY CAREFUL TO ADD THE DEPARTMENTAL 198 COURSE (e.g., MEDICINE 198 AND **NOT IDS** 198!)

SECTION I: Background Information

STUDENT NAME: Valeria Carcamo-Cavazos   GRADUATION YEAR: 2015

SUPERVISED STUDY DEPARTMENT: Psychiatry   COURSE #: 198

FACULTY SUPERVISOR NAME: Amin Azzam

(Note that the Faculty Supervisor must have an appointment in the above department)

FACULTY SUPERVISOR EMAIL: Amin.Azzam@ucsf.edu   PHONE: 4767836

ELECTIVE DATES: 3/29-4/26/2015

NUMBER OF WEEKS (a maximum of 4 weeks can be applied to 4th year graduation elective requirements): 4

FORM SUBMISSION DATE: 2/27/2015

SECTION II: Supervised Study Plans

A. ***Learning Objectives and their linkage to competency milestones (****http://meded.ucsf.edu/ume/md-competencies****)***: Your learning objectives (typically 3-6) should describe what you will be able to do by the conclusion of your supervised study.

Learning Objective	Competency domain	Relevant milestone(s)
Learn how to concisely, simply and effectively explain a clinical study to the general public.	Interpersonal and communication skills.	Communicate effectively with diverse patients and families
Work with an interdisciplinary team of engineers, physicians, designers to improve Health eHeart.	Systems based practice.	Use a team approach to improve the clinical study.
Learn how to work independently on a project, and ask for feedback when appropriate.	Professionalism	Navigate the balance of autonomy and supervision.

For Office Use Only
Scan to File, email pdf to: UME Advisor, UME Evaluations (LJM),
Evalue (evaluations@medsch.ucsf.edu); AC Mentor

Revised 4/5/13

Student Name: Valeria Carcamo-Cavazos

B. *Supervised Study Summary*

The student will continue her involvement in the Health eHeart clinical study, writing articles to explain to the public different aspects of Health eHeart, including what it is, the technology behind Health eHeart, how Health eHeart protects participant's information, and how the public can get involved in the design of the study. The student will be an active participant of the team, attending weekly team meetings to discuss immediate and future goals of the Health eHeart project.

The student will start the process of developing an independent idea in digital health into a real product to get first hand practice of what this entails, including writing down the idea concretely, testing its usability and building a prototype.

C. *Learning Activities:* Describe what you will do and how this will fill 40 hours per week.

I will continue to improve existing articles about Health eHeart, as well as write new content based on the project's needs. In order to accomplish this, I will continue doing research about Health eHeart and the technologies used to advance this study; meet with members of the team to improve the accuracy of the content and make sure that I am portraying Health eHeart accurately; meet experts in medical writing to improve my ability to convey medical knowledge to the general public.

In addition, I will develop a novel idea in digital health, which entails a mobile app that allows students and physicians to write their medical notes securely from any mobile device, and input them into any electronic medical record or paper chart. I will use the resources that I learned about through my Digital Revolutions in Health elective, to go through the steps of testing the usability of any idea, protecting my IP, and creating a simple prototype, among others.

D. *Learning Resources:* What resources will you use to meet your learning objectives? (eg, textbooks, websites, faculty experts).

In order to meet my learning objectives, I will work independently on articles based on my research about Health eHeart (through literature, websites, media), as well as seek feedback from members of the team at Health eHeart, experts in medical writing and friends outside of healthcare to assess the accuracy and readability of my articles. In addition, I will continue to work with Dr. Aenor Sawyer and Dr. Amin Azzam to get plugged into the appropriate resources to develop different aspects of my idea (described above) in digital health.

E. *Expected Outcome/Product:* Examples include a report, manuscript, web resource, or score on an examination.

By the end of my project, I will have 6 articles describing important aspects about Health eHeart, including what Health eHeart is and why it is important, how data is kept secure and private in Health eHeart, the technology behind Health eHeart, and how participants can become involved in the design of Health eHeart. These articles will aim to explain in a concise, easy to read manner what Health eHeart is in its entirety to engage the general public to become involved in Health eHeart and/or continue actively engaged after joining.

In addition, I will provide a report to Dr. Azzam about the progress through developing my idea of a diverse note taking platform, the various steps that I have taken to accomplish creating my idea and the challenges I have encountered along the way.

F. *Plan for Communication with your Faculty Supervisor:*

I will write an e-mail update to Dr. Amin Azzam on a weekly basis, to update him on the progress of my work in both, Health eHeart and the development of my idea. In addition, at the end of the 4 weeks of independent study, I will provide Dr. Azzam with the articles that I have created and a link to the content online, as well as a final write up of the progress in developing my novel idea in digital health.

Student Name: Valeria Carcamo-Cavazos

SECTION III: Supervisor Attestation

My signature verifies that I: (1) support all of the plans in the student's proposal; (2) will provide constructive feedback to the student at the midpoint of their supervised study work; and (3) will submit an evaluation of the student's performance at the conclusion of their supervised study.

Amin Azzam   2/27/2015

Supervisor Name   Supervisor Signature   Date

SECTION IV: Approval Signatures

Demian Rose   2/27/2015

Department Course Director Name   Department Course Director Signature   Date

2/27/2015

UME Advisor Signature   Date

3/1/2015

Associate Dean for Students   Date