Sample Practicum Learning Plan Proposal

CUSTOMIZED – LAB-BASED RESEARCH

Link to submit plan: http://jhsph.co1.qualtrics.com/SE/?SID=SV_3Iq1cw8X4Ax6WUD

Student Contact Information
Your first name: StudentFirstName
Your last name: StudentLastName
Your phone number (XXX-XXX-XXXX): 333-444-5555
Your Email address: student@jhu.edu

Please indicate your academic program.

- [x] Full-time (MPH only)
- [ ] Part-time/Online MPH
- [ ] MPH/MBA
- [ ] MPH/MSN
- [ ] MPH/MSW
- [ ] MPH/JD
- [ ] Residency

How did you connect with this practicum opportunity (select best answer)?

- [x] Found practicum on web or other media, other than JHSPH Practicum Opportunity Site

Preceptor Contact Information

CV required if non-JHSPH faculty member. Please send to practice@jhu.edu

Primary Preceptor first name: PreceptorFirstName
Primary Preceptor last name: PreceptorLastName
Preceptor phone (XXX-XXX-XXXX): 444-555-6666
Preceptor Email Address: preceptor@jhmi.org
Primary Department (if JHSPH faculty member, search department here: http://www.jhsph.edu/faculty/directory/list): Not applicable

Alternate Preceptor Contact Information

CV not required, but contact information required below. Please note that an alternate preceptor is required for the practicum. The primary and alternate preceptors cannot be the same. The role of the alternate preceptor is to be the back-up person for the primary preceptor and be able to take over for the primary preceptor if he/she is not available.

Alt preceptor first name: AltFirstName
Alt preceptor last name: AltLastName
Alt preceptor phone (XXX-XXX-XXXX): 444-555-6667
Alt preceptor email: altpreceptor@jhmi.org
Organization Information:
Name of organization where practicum is being completed: Johns Hopkins Center for AIDS Research
City where organization is located: Baltimore
State or country where organization is located (e.g. Maryland, Virginia, Washington DC, Brazil, Japan, Uganda): Maryland

Brief description of organization
Mission and population focus. Include organization’s URL.

The HOPE (HIV Organ Policy Equity) Act, conceived and written by the team I will be working with, was signed by President Obama on Nov 21, 2013 to initiate research on the use of HIV-infected deceased donors (HIVDD) for transplantation in HIV-infected (HIV+) patients. If successfully implemented, this will attenuate the organ shortage and decrease waiting times and mortality, for both HIV+ patients as well as HIV- patients on the same waiting list. These aims are strongly supported by AOPO (the Association of Organ Procurement Organizations) as well as the United Network of Organ Sharing (UNOS), the two groups overseeing deceased donation and organ transplantation in the United States. We will be collaborating with the APOP and UNOS organizations, as well as epidemiologists at JHSPH and the National Institutes of Health to work on this multidisciplinary project. http://hopkinscfar.org/about/

Practicum Project Title (1 sentence)
Summarize the project in one sentence.
Research on the use of HIV-infected deceased donors (HIVDD) for transplantation in HIV-infected (HIV+) patients

Practicum Project goals and objectives (list)
What are the goals and objectives of the project? What is the project aiming to accomplish?

A. Goals: exploring the epidemiologic and biologic characteristics of the HIVDD pool in the US that can be measured during the rapid donor screening window.
B. We also hope to determine the prevalence of potential HIV-related donor contraindications, which exist in the HIVDD pool but cannot be detected with rapid donor screening.
C. Finally, we hope to determine the extent to which rapid donor screening can accurately estimate HIVDD safety and quality compared to optimal donor screening.

Describe how the project is population-health focused (1-2 sentences)

If HIVDD organs were available, transplant rates for HIV+ candidates would likely be significantly higher, resulting in less death on the waiting list, more hope for HIV+ patients in need of transplants, and thus higher rates of listing potential candidates. However, there is currently a profound organ shortage, with extremely long waiting times, and HIV+ individuals are particularly vulnerable given their higher waitlist mortality. A novel source of organs specific to HIV+ individuals is desperately needed. Thus, it is clear that this project could have profound positive effects for the HIV+ population.
Short description of student’s contribution to the overall goals and objectives of the project (1-2 sentences)

What is the student's contribution to the overall goals and objectives of the project?

What is the student's specific role in the project?

My specific role in this project is to perform statistical, epidemiological and bench research that aids in the advancement of this project. I will also be collaborating with scientists at the National Institutes of Health and APOP and UNOS organizations to perform my research.

Summary of student’s practicum duties (list)

Examples: conduct literature review of surveillance programs for health condition, execute data analysis to identify trends in utilization of medication, write final report to synthesize data, track current health policy trends, review similar programs to adapt for new program

1. Partner with OPOs to identify potential HIVDD via epidemiologic surveillance and perform the standard donor evaluation process, including medical/social history and laboratory testing, point-of-care CD4 count and HIV viral load.
2. Characterize optimal donor screening by comparing commercial assays for anti-retroviral drug resistance and viral tropism to more sensitive assays.
3. Utilize statistical analyses to determine the probability a donor with given characteristics would harbor a potential HIV-related contraindication to donation that would take longer than the rapid screening window to detect. This is critical for clinical decision-making and for policy-making.

Summary of preceptor’s duties (list)

Examples: provide student with background materials, supervise student activities, provide student with feedback on work

My supervisor will supervise my independent project, connect me with our collaborators and provide feedback on the progress of my research.

Description of deliverables (if applicable)

Final products for the organization.

Final Paper

Will the student be required to complete any training for the practicum project? If yes, please describe.

Examples: provide student with confidentiality or HIPPA training, orient student to data analysis software, training to interact with population focus, etc.

No.

Will the practicum be linked to the capstone project?

More information about linking practicum and capstone can be found here:

☐ Yes – Please explain how the practicum and capstone will be distinct.

☐ No – Move on to next question.
Not sure – Please explain why you are not sure if your practicum will be linked to your capstone project.

I am not sure that my data will be ready to write up for a capstone by May—If not I will find another capstone project.

**Anticipated practicum start date** (mm/dd/yyyy): 09/01/XXXX

**Anticipated mid-point Progress Report submission date** (mm/dd/yyyy): 02/01/XXXX

**Anticipated practicum end date** (mm/dd/yyyy): 04/17/XXXX

*Final report will be due 2 weeks after end date. If completing practicum in the fourth term, final report is due May 1.*

Will this experience fulfill your entire practicum requirement?

- [x] Yes
- [ ] No, I will be combining it with other experiences to fulfill the requirement

**Total Estimated Practicum Hours (for non-course practicum):** 200

What specific public health practice competencies relate to your learning objectives for this experience? Please choose at least one, and no more than three.


- [ ] Analytical/Assessment Skills
- [ ] Policy Development/Program Planning Skills
- [ ] Communication Skills
- [ ] Cultural Competency Skills
- [ ] Community Dimensions of Practice Skills
- [x] Public Health Sciences Skills
- [ ] Financial Planning and Management Skills
- [ ] Leadership and Systems Thinking Skills
- [x] Other: Bridging the gap between policy and public health science

What are your **specific** learning objectives for the practicum?

Think carefully about (1) what you hope to gain from the practicum experience/course, (2) the competencies you selected in the prior question, and (3) how you will accomplish your goals (or for those taking a course, how this course will help advance your professional skills/career goals).

For all non-course practicums: be specific so that your preceptor can evaluate you on how well you met your learning objectives.

My learning objective is to integrate my epidemiology, biostatistics and public health sciences courses into a comprehensive, multi-dimensional project that has a translational effect on a vulnerable population.
I have reviewed and understand the description of the practicum experience, above, and I understand my responsibilities as a student. I certify that the work being submitted is my own.

- [X] Yes
- [ ] No