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SUMMER 2018: UTHealth-CPRIT UNDERGRADUATE INNOVATION IN CANCER PREVENTION RESEARCH FELLOWSHIP: MENTOR RESEARCH OPPORTUNITY

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Faculty Name Dr. Kayo Fujimoto

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School/Campus UTSPH Houston Dept: Health Promotions and Behavioral Science

Research Projects

Each fellow is expected to spend an average of 40 hours/week on their research project, organized seminars and innovation generation course

Applicants will click on the titles of projects they are interested in to see the description. Give your project an inviting name! Projects that are not funded can also be submitted.

1	Title:	Young Men's Affiliation Project (YMAP): A study of social networks and HIV among YMSM	Funding Source:	NIH R01
Project Description: (100 words max) Think of this as an ad. Students will select projects based on these descriptions.		The goal of YMAP is to investigate how the complex interactions between young men who have sex with men (16-29 years old) and the preventive and risk venues they affiliate with influence (a) their social and sexual networks and (b) their risks of acquiring HIV, HPV, and other STIs that may increase the risk of some types of cancer. The trainee will help organize, and analyze qualitative and quantitative social network data, manage and set up study site, twitter, Facebook, and Instagram. The trainee will help organize, and analyze qualitative and quantitative social network data.		
2	Title:	HIV intervention models for criminal justice involved substance-using Black MSM	Funding Source:	NIH R01

NB: Please do not submit more than two projects. Fill out one form per project

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Project Description:	The goal of this project is to better understand how some of the dynamic sexual and social network properties created by criminal justice involvement might impact HIV prevention interventions among young black men who have sex (YBMSM) with men as modelled through an Agent Based Model. This is a multisite study where data will be collected at three major cities. The trainee will help organize, and analyze qualitative and quantitative social network data, manage and set up study site, twitter, Facebook, and Instagram. The trainee will also have the opportunity to help with literature reviews.			
3	Title:	Racial/ethnic disparity in PrEP care continuum: Multiplex networks involving health venues and younger MSM	Funding Source:	Gilead Science, Inc
Project Description:	This study proposes to identify and describe PrEP-related resources and linkages between clinical and non-clinical health venues and to describe patterns of younger MSM's affiliation with these venues in Houston and Chicago. Additionally, the study looks to link participants to PrEP care, based upon our findings of how clinical and non-clinical health venues are connected through referral ties. The trainee will help organize, and analyze qualitative and quantitative venue and participant attribute data.			

Contact with: public patients lab samples animals none

Project Status	IRB	Yes	X	No	
IRB Number	HSC-SPH-12-0330		HSC-SPH-16-0730		

Laboratory safety protocol	Yes		No	
Protocol Number				

Will the fellow be added to the protocol? Yes No

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Source of fellow funding: CPRIT Training grant Preceptor

If mentor funding, will fellow take part in innovation course, seminars and cancer prevention related research? Yes No

1. End Product(s):

A. All Fellows:

1. Complete a mini project explicitly using the tools of innovative thinking
2. Prepare and present a research poster on their project
3. Participate in the 90-second elevator speech competition for a prize award
4. Write a 3-page reflection paper, describing the summer experience, including instances of applying skills for innovative thinking, and in what way, if any, the experience has affected career plans, goals (due one week before his/her last day)

B. Project specific end products:

Mentors' please specify, e.g., GIS map to track whether and other environmental conditions for day laborer "corners" throughout Houston, design for a social network platform for follow-up with research participants, manuscript on xxx to be submitted for publication, abstract on yyy to be submitted to a scientific meeting

1. Presentation to a lay or scientific audience about using social networks analysis to study transmission of HIV among young men who have sex with men.
- 2.
- 3.
- 4.
- 5.

Note to mentors: Any confidentiality agreements regarding the project or data you are using (e.g. unpublished results) should be arranged between you and your fellow.

2. Fellows Activities:

A. All Fellows

1. Complete the Massive Open online Course (MOOC) on Innovation Generation- IMAGINE99x
2. Apply the tools of innovative thinking in a mini-project
3. Participate in 1-hour weekly group meetings and seminars in Houston and via ITV
4. Participate in the elevator speech workshop and feedback sessions
5. Take part in the mid-course review and brainstorming session on the use of the tools for innovative thinking
6. Provide bi-monthly feedback to the program coordinator
7. Meet with the preceptor weekly to discuss the training experience, progress, and challenges: Day and Time
8. Submit a final review of training experience

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B. Project specific trainee activities

Mentors, please specify additional fellow activities, e.g., Fellow will commit to the design, analysis of a mini project XXX as part of a larger project?

1. Trainee will attend biweekly BARS team meetings
2. Trainee will help input, organize, and/or analyze quantitative data gathered from laboratories and interviews from the different studies.
3. Trainee will support field-based data collection of social network data and biological samples
4. Trainee will help set up the BARS study for data collection and set up social network sites.
- 5.

3. Learning Objectives: By the end of the summer experience, fellow will demonstrate that they can

A. All Fellows:

1. Describe and apply the tools of innovative thinking to increase creativity
2. Describe, in the reflection paper, at least 3 instances of applying one or more tools for innovative thinking
3. Recognize potential conflict(s) of interest in scenarios provided in CITI training
4. Develop interviewing skills for graduate school
5. Develop skills for research poster design and presentation

B. Project specific learning objectives:

Mentors, please specify additional learning objectives, e.g. Fellow will be able to write instructions for low literacy audiences, design a mini project with supervision

1. Trainee will be able to write a scientific abstract
2. Trainee will be able to describe quantitative methods for behavioral and social network data collection
3. Trainee will be able to learn conducting large-scale project implementation process
- 4.
- 5.

4. Are there special fellow characteristics e.g., major, interests, language, culture or other preferences that would be desirable? Please specify:

Note to mentors: Any confidentiality agreements regarding the project or data you are using (e.g. unpublished results) should be arranged between you and your summer fellow.

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Programming language proficiency (in R, Python, or other languages) is desired. Knowledge of managing online social networking sites, such as Facebook, Twitter, Instagram, and others are preferred.

5. Mentor Responsibilities

1. Attend the orientation and the elevator speech competition
 2. Be available for >8 weeks or have suitable substitute
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Will you be out for more than 2 weeks during the training period? Yes No

If yes, when would you be gone and for how long?

Who would serve as co-mentor during your absence (name and credentials, please specify)?

Name: Angela Di Paola

Job title: Project Coordinator

E-mail: angela.dipaola@uth.tmc.edu

Phone number: office:

Cell: 203-641-7897

3. Meet with the fellow weekly – progress, challenges...
 4. Encourage the use of the tools for innovative thinking
 5. Notify the project coordinator if the fellow is not meeting the agreed upon responsibilities. (This should be as early as possible to allow problem solving.)
 6. Complete an evaluation of the fellow at the end of the program
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