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UTHealth
The University of Texas Health Science Center at Houston

CPRIT
CANCER PREVENTION & RESEARCH INSTITUTE OF TEXAS

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

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Faculty Name Kohl, III Harold W. (Bill)

Phone: Office: **512-391-2530** Cell: **512-944-4118**

Faculty E-mail harold.w.kohl@uth.tmc.edu

School/Campus School of Public Health/Austin

Research Projects

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

Students 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:	Determinants of Transportation-Related Physical Activity	Funding Source:	NIH
Project Description: (100 words max) Think of this as an ad. Students will select projects based on these descriptions.		This project examines the role that changes in transportation infrastructure affect travel behaviors and specifically physically active travel behaviors. Low levels of physical activity have been associated with cancer mortality and survivorship. Transportation-related physical activity may be one domain that can be changed on the population level. Research Fellows will participate in this ongoing project and have the opportunity to develop research and literature evaluation skills in a mini-project.		

Contact with: public [ ] patients [ ] lab samples [ ] animals [ ] none [xx]

Project Status	IRB	Yes	x	No		Laboratory safety protocol	Yes		No	x
IRB Number						Protocol Number				

Will the fellow be added to the protocol? Yes [x] No [ ]

Source of fellow funding: CPRIT Training grant [x] Preceptor [ ]

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

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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. Assist with developing tracking strategies for study participants
2. Develop data analysis skills for accelerometry data
3. Develop scientific communication skills
4.
5.

Note to preceptors: 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 trainee activities*, e.g., Trainee will commit to the design, analysis of a mini project XXX as part of a larger project?*

1. Trainee will learn and conduct a literature search on a topic to be determined.
2. Trainee will learn fundamentals of systematic reviews
3. Trainee will learn fundamentals of data analysis for accelerometry data
4.
5.

3. Learning Objectives: ***By the end of the summer experience, trainees 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*. Trainee will be able to write instructions for low literacy audiences, design a mini project with supervision*

1. Trainee will develop scientific communication skills
2.
3.
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 trainee.

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5. Mentor Responsibilities

1. Attend the orientation and the elevator speech competition
2. Be available for >8 weeks or have suitable substitute

Will you be out for more than 2 weeks during the training period? Yes [ ] No [x]

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

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

Name: Casey P. Durand, Ph.D.

Job title: Assistant Professor

E-mail: casey.p.durand@uth.tmc.edu

Phone number: office: Cell:

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
7. Provide feedback on the program experience to the program coordinator

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