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

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Faculty Name Bijal Balasubramanian

Phone: Office: 214-648-1070 Cell: _____

Faculty E-mail Bijal.balasubramanian@UTSouthwestern.edu

School/Campus School of Public Health/ Dallas

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:	Care coordination for complex cancer survivors in an integrated safety-net system.	Funding Source:	
Project Description: (100 words max) Think of this as an ad. Students will select projects based on these descriptions.	Do you want to help cancer survivors with multiple chronic diseases like diabetes and heart failure? Do you want to learn the medical and public health challenges of improving care for patients with cancer and comorbid conditions? Nearly 70% of the 13 million people living with cancer are "complex cancer survivors" and the prevalence is expected to continue growing. Poor, under- and uninsured individuals have highest burdens of multiple chronic conditions and cancer. These complex patients need highly coordinated care to ensure optimal outcomes for their cancers, co-existing chronic conditions, and overall quality of life. This project uses an exciting intervention aimed at improving care coordination between oncology and primary care teams. Join our research team to help improve cancer care among survivors by experiencing the integration of qualitative and quantitative data methods, immersing in data, and training in research specific practices.			

Contact with: public patients lab samples animals none

Project Status	IRB	Yes	No
IRB Number	HSC-SPH-16-0985		

Laboratory safety protocol	Yes	No
Protocol Number		

Will the fellow be added to the protocol? Yes No

Source of fellow funding: CPRIT Training grant Preceptor

If mentor funding, will fellow take part in innovation course, seminars and Yes No

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

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cancer prevention related research?

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. Literature review on the epidemiology of complex cancer care
2. Abstract/poster on complex cancer care to be submitted to a scientific meeting
3. Descriptive data analysis using statistical computer software
- 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

B. Project specific trainee activities

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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. Trainings in literature searchers and EndNote software
 2. Institutional review board and ethics training at the medical school
 3. Statistical analysis software (Stata/SPSS) one-on-one training
 4. directly with principal investigator in various other projects
 - 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
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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*

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1. Design a conference poster with supervision
 2. Become familiar with statistical software and conduct a descriptive analysis
 3. Perform a literature review independently
 - 4.
 - 5.
-

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

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Preferably pre-medical student

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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

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: Jessica Austin

Job title: Graduate Research Assistant

E-mail: Jessica.Austin@UTSouthwestern.edu

Phone number: office: 214-648-0679

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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