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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. Shreela Sharma 832-656-6940

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School/Campus The University of Texas School of Public Health

### 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:	Brighter Bites	Funding Source:	USDA
Project Description: (100 words max)  Think of this as an ad. Students will select projects based on these descriptions.	Brighter Bites is a school-based program with an innovative approach to encouraging health amongst students and their families in underserved communities. For twenty-four weeks – eight each in the fall, spring, and summer – families receive thirty pounds per week of fruits and vegetables donated from a local food bank. The produce is bagged and distributed by parents at the schools in a cooperative-style setup. The cooperative allows community building, and the weekly produce distribution serves as an opportunity for demonstrations on ways to prepare produce. Brighter Bites has distributed over 10 million pounds of produce to over 20,000 families since 2012.			

Contact with: public  patients  lab samples  animals  none

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

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Project Status	IRB	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
IRB Number	HSC-SPH-12-0480				

Laboratory safety protocol	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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 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. Design a project from mini data set using a larger set of data from various Brighter Bites studies
2. Write manuscripts on various research activities for Brighter Bites
- 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

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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**

**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. Assist in delivering nutrition education to parents and children
2. Go to assigned sites on a weekly basis to manage and direct the efforts of volunteers as they unload sort, and pack a variety of produce into take-home bags for participating families
3. Help in tracking the fidelity and milestones of the project
4. Analysis of a mini dataset as part of a larger data set from the Brighter Bites plate waste study
5. Clean and manage data for various Brighter Bites research activities

### **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 understand program and research components of Brighter Bites
2. Trainee will be able to understand, analyze and present on data from Brighter Bites' various research studies
3. Trainee will be able to understand how the process of produce distributions work
4. Trainee will understand how our Brighter Bites nutrition education link with our produce distributions

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5. Trainee will be able to write manuscripts for various Brighter Bites research studies
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**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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Trainees with Spanish language reading, writing and speaking capabilities would be desired as well as those who have interests in data analysis and manuscript writing.

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**5. Mentor Responsibilities**

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1. Attend the orientation and the elevator speech competition
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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: Krista Patlovich

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Job title: Research Coordinator

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E-mail: [Krista.Patlovich@uth.tmc.edu](mailto:Krista.Patlovich@uth.tmc.edu)

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Phone number: office: 713-500-9316

Cell:281-660-0500

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3. Meet with the fellow weekly – progress, challenges...
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4. Encourage the use of the tools for innovative thinking
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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.)
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6. Complete an evaluation of the fellow at the end of the program
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7. Provide feedback on the program experience to the program coordinator
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