Q9. Mentor Research Application for Summer 2020 (June 1 - August 7)

Welcome to the UTHealth - Cancer Prevention & Research Institute of Texas (CPRIT) Fellowship in Innovation for Cancer Prevention Research - UTHealth’s training program for undergraduates, pre- and post-doctoral fellowships in cancer prevention.

This program goes beyond being a quality cancer education and career development program to focus on helping those seeking a career in cancer prevention and control research to learn to ask the important research questions, apply cutting-edge methods, and move the field of cancer forward.

We appreciate your willingness to take on the mentorship of one of our undergraduate trainees. This application will help orient you with the goals and expectations of our summer mentors and trainees.

All applications must be submitted by **11:59 PM on Friday, January 3, 2020**.

Q10. Faculty Mentor Information

Q1. First name

Yang

Q2. Last name

Gong

Q11. Phone number

713-500-3547

Q12. E-mail address

yang.gong@uth.tmc.edu

Q4. School/Campus Affiliation

- UTHealth School of Public Health- Houston
- UTHealth School of Biomedical Informatics
- UTHealth School of Dentistry
Medication errors have been a major threat to patient safety. Current research on medication errors is largely dependent on in-hospital reports. With the rapid shift of health care to chronic condition management, there is an urgent need to investigate medication errors in the community. In this project, we will explore the model of medication self-management developed for outpatient settings that may be used to guide the development of prevention strategies for medication errors beyond hospitals. Further, timely reporting medication errors from patients in the communities may be helpful in mitigating the severity of side effects and reducing preventable safety events.
Q16. Project will require contact with:

- Public
- Patients
- Biological samples
- Animals
- None of these

Q17. Does the project require IRB approval?

- Yes
- No

Q18. If yes, please provide the IRB number below.

*This question was not displayed to the respondent.*

Q19. Does the project have a Laboratory Safety Protocol?

- Yes
- No

Q20. If yes, please provide the Protocol Number below.

*This question was not displayed to the respondent.*

Q21. Will the summer fellow be added to the protocol?

- Yes
- No

Q22. **End Products of Summer Fellowship**

Q23. **End products for all Fellows:**
1. Complete a project explicitly using the tools of innovative thinking.
2. Prepare and present a research poster on their project, including how you applied tools for innovative thinking.
3. Participate in the 90-second elevator speech competition.

Q25. **Project-specific end products (determined by Mentor):**
Examples:
1. GIS map to track whether and other environmental conditions for day laborer “corners” throughout Houston
2. Design for a social network platform for follow-up with research participants, manuscript on xxx to be submitted for publication
3. Abstract on yyy to be submitted to a scientific meeting
A full paper on medication self-management and timely reporting will be submitted to a scientific symposium where the proceedings will be indexed by PubMed.

Q27. Fellows' Activities

Q28. Activities for all fellows:
1. Complete the Massive Open Online Course (MOOC) on Innovation Generation
2. Participate in weekly MOOC reviews and occasional cancer-related seminars in Houston and/or remotely via ITV
3. Apply the tools of innovative thinking in project discussions
4. Participate in two elevator speech workshops
5. Provide mid-course and final evaluation feedback
6. Meet with the preceptor or representative to discuss the training experience, progress, and challenges
7. Prepare and present a poster on the summer research
8. Present a 90-second elevator speech

Q29. Project-specific Trainee Activities (determined by Mentor):
Example: Fellow will commit to the design and analysis of a mini project YYY as part of a larger project

Attend weekly team meetings; Retrieve and review literature assigned by the preceptor; Review medication safety events assigned by the preceptor; Join the group discussion and Write a full length 5-page paper according to the Medinfo2020 template.

Q31. Learning Objectives:
By the end of the summer experience, the following objectives should be achieved.

Q32. Objectives for all fellows:
1. Describe and apply the tools of innovative thinking to increase creativity
2. Develop communication and presentation skills

Q33. Project-specific Learning Objectives (determined by Mentor):
Examples:
1. Fellow will be able to write instructions for low literacy audiences
2. Fellow will design a mini project with supervision

Describe and apply the tools of innovative thinking to increase creativity; Develop communication and presentation skills for graduate school or medical school.
Q34. Are there any special fellow characteristics that would be desirable? Examples: major, interests, language, or culture

Interested in patient safety; Grasp basic skills of literature review; Analyze incident reports by an established model; Summarize the project for a peer reviewed publication.

Q35. Mentor Responsibilities
1. Attend the closing ceremony (elevator speech competition and poster presentation) on August 7, 2020.
2. Provide feedback on the program experience to the program coordinator.
3. Meet with the fellow weekly to discuss training experience, progress, and challenges.
4. Encourage the use of the tools for innovative thinking.
5. Notify Dr. Mullen if the intern is not meeting the agreed upon responsibilities as early as possible to allow problem-solving.
6. Complete an evaluation of the fellow at mid-course and end of the program.

Q36. If you plan to delegate some of the supervision to another lab member, please list their name and contact information so that we can copy them on all correspondence.

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<tr>
<th>Full name</th>
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<tbody>
<tr>
<td>Highest degree held</td>
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<tr>
<td>Job title</td>
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<td>E-mail address</td>
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<td>Phone number</td>
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Q37. Will you be out of lab for more than 2 weeks during the training period (June 1, 2020 - August 7, 2020)?

- [ ] Yes
- [ ] No