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**MENTOR RESEARCH OPPORTUNITY – SUMMER 2019 (JUNE 3RD-AUGUST 9TH)**
**UTEHealth-CPRIT UNDERGRADUATE INNOVATION IN CANCER PREVENTION RESEARCH FELLOWSHIP**
(This is a Word table; use Tab to go from one blank to the next)

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Office</th>
<th>Cell</th>
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<tbody>
<tr>
<td>1. Yang Gong, MD, PhD</td>
<td>1. 713-500-3547</td>
<td>1. 713-796-9628</td>
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<tr>
<td>2. Patricia Mullen, DrPH, MLS</td>
<td>2. 713-500-9658</td>
<td>2. 832-423-6511</td>
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<tr>
<th>Faculty E-mail</th>
<th>School/Campus</th>
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<tbody>
<tr>
<td><a href="mailto:Yang.Gong@uth.tmc.edu">Yang.Gong@uth.tmc.edu</a></td>
<td>1. School of Biomedical Informatics, UTHealth (Houston)</td>
</tr>
<tr>
<td><a href="mailto:Patricia.d.mullen@uth.tmc.edu">Patricia.d.mullen@uth.tmc.edu</a></td>
<td>2. School of Public Health, UTHealth (Houston)</td>
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### Research Projects

Each fellow is expected to spend an average of 40 hours/week on his/her 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 externally funded can be submitted.

<table>
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<tr>
<th>Title</th>
<th>Project Description</th>
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<th>Project Status</th>
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<tr>
<td>Assessing quality of meta-analysis in gynecological cancers and the role of journals in enforcing standards of reporting and execution</td>
<td>Meta-analyses are key studies to summarize published research findings and identify future directions. Meta-analyses on gynecological cancers are increasingly published, yet the quality of such publications is rarely assessed and deeply discussed. We will use the PRISMA statement, a 27-item reporting quality checklist, and study execution standards (AMSTAR2 and MECIR) to examine a series of meta-analyses re: gynecological cancers. The purpose of this summer project is to help authors and journal editors improve compliance with standards for reporting and designing and reporting meta analyses in the field of gynecological cancer.</td>
<td>Public □</td>
<td>IRB Yes</td>
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<td>□</td>
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<th>Laboratory Safety Protocol Yes</th>
<th>No □</th>
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<tr>
<th>If yes, IRB Number</th>
<th>Protocol Number</th>
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Will the fellow be added to the protocol? Yes [ ] No [x]  

1. **End Product(s):**
   
   **A. 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 the applied skills for innovative thinking
   3. Participate in the 90-second elevator speech competition for a prize

   **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. A co-authored manuscript critiquing the quality of meta-analyses will be submitted for publication
   2. Oral presentation about the project at the final meeting
   3. 
   4. 
   5. 

2. **Fellows’ Activities:**
   
   **A. All Fellows:**
   1. Complete the Massive Open online Course (MOOC) on Innovation Generation
   2. Apply the tools of innovative thinking in a project poster presentation
   3. Participate in weekly group meetings and seminars in Houston and/or via ITV
   4. Participate in the elevator speech workshop and feedback sessions
   5. Provide bi-monthly feedback to the program coordinator
   6. Meet with the preceptor weekly to discuss the training experience, progress, and challenges
   7. 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. Attend weekly group meetings, interacting with clinicians, informaticians, and graduate students
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2. Identify and review literature through systematic approaches
3. Discuss an outline of manuscript with mentors and the group and identify relevant reporting guidelines
4. Write a manuscript ready for peer-review
5. Identify potential journals for the manuscript

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

A. All Fellows:
   1. Describe and apply the tools of innovative thinking to increase creativity
   2. Develop communication and presentation skills for graduate school

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. Understand MeSH terms and become proficient in searching Medline databases
   2. Grasp basic skills of systematic literature review and meta-analysis.
   3. Apply analytical skills in quality assessment
   4. Assess the relation between journal instructions and review quality

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

   Highly motivated for informatics research, demonstrated proficiency in reading healthcare literature, excellent writing and communication skills, basic skills in data management and statistics are preferred.

5. Mentor Responsibilities

   1. Attend the orientation (June 3, 2019) and the elevator speech competition and poster presentation (August 9, 2019)
   2. Be available for >8 weeks or have suitable substitute (faculty member or postdoc)

   Will you be out for more than 2 weeks during the training period (June 3, 2019 – August 9, 2019)? Yes [ ] No [x]
   If yes, when will you be away and for how long?

   Who would serve as co-mentor during your absence (name and credentials, please specify)?
   Name: Hong Kang, PhD
Email this completed form to cpritsummer@uth.tmc.edu by Friday, January 4, 2019.

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Job Title: Postdoctoral Research Fellow

E-mail: Hong.Kang@uth.tmc.edu

Phone Number: Office: 713-500-3626 Cell: 713-597-9400

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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 the project coordinator if the fellow is not meeting the agreed upon responsibilities 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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