**Mentor Research Opportunity – Summer 2020 (June 1st–August 7th)**

**UTHHealth-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>Courtney Byrd-Williams</th>
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<tbody>
<tr>
<td>Office</td>
<td>512-391-2508</td>
</tr>
<tr>
<td>Cell</td>
<td>626-688-0894</td>
</tr>
<tr>
<td>Faculty E-mail</td>
<td><a href="mailto:courtney.e.byrdwilliams@uth.tmc.edu">courtney.e.byrdwilliams@uth.tmc.edu</a></td>
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<tr>
<td>School/Campus</td>
<td>School of Public Health/Austin Campus</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! Acceptable projects do not need to be externally funded.

<table>
<thead>
<tr>
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<th>Title: Preventing breast and ovarian cancer by supporting working mothers</th>
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<tr>
<td>Lay summary of the project: (100 words max)</td>
<td>Breastfeeding reduces the risk of developing both breast and ovarian cancer. However, working for an unsupportive employer can lead women to stop breastfeeding prematurely. The trainee will be involved in an ongoing project to improve the breastfeeding support for women working in childcare centers. Trainees interested in public health and behavioral science research are a good fit for this team. Trainees will gain experience developing protocols as well as collecting and analyzing data in field-based studies. Interested students may also participate in manuscript preparation with co-authorship possible. Our previous CPRIT undergraduate fellows have presented findings at the CPRIT annual conference.</td>
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<tr>
<th>Contact with:</th>
<th>Public [X]</th>
<th>Patients [ ]</th>
<th>Lab Samples [ ]</th>
<th>Animals [ ]</th>
<th>None [ ]</th>
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<tr>
<th>Project Status</th>
<th>IRB</th>
<th>Yes</th>
<th>X</th>
<th>No</th>
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<tbody>
<tr>
<td>Laboratory Safety Protocol</td>
<td>Yes</td>
<td>No</td>
<td>X</td>
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If yes, IRB Number | Pending | Protocol Number | n/a

Will the fellow be added to the protocol? | Yes ☑️ | No ☐

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 you applied tools for innovative thinking
   3. Participate in the 90-second elevator speech competition

   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. Trainee will produce evidence tables by conducting literature reviews on project focus.
   2. Trainee will create research protocol for collection of data within the child care center
   3. Trainee will collect and enter data from child care centers
   4. Trainee may assist with conference abstracts or manuscript preparation, if interested
   5.

2. **Fellows’ Activities:**
   A. **All Fellows:**
   1. Complete the Massive Open online Course (MOOC) on Innovation Generation
   2. Participate in weekly MOOC reviews and occasional cancer seminars in Houston and/or 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

   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?
Email this completed form to cpritsummer@uth.tmc.edu by Friday, January 3, 2020.

1. Trainee will participate in the development of novel approaches to assess perceptions of breastfeeding support
2. Trainee will conduct literature reviews on project focus
3. Trainee will assist with data collection, entry, analysis, and manuscript preparation, based on trainee’s skills and interests.

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

   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 develop protocols for field-based data collection
      2. Trainee will be able to apply project management skills relevant to research and other public health projects
      3. Trainee will be able to identify relevant peer-reviewed articles

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

5. Mentor Responsibilities
   1. Attend the closing ceremony (elevator speech competition and poster presentation) on August 7th, 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
Email this completed form to cpritsummer@uth.tmc.edu by Friday, January 3, 2020.

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 the mid-course and end of the program

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 (name and credentials, please specify)?

<table>
<thead>
<tr>
<th>Name (degrees):</th>
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<tbody>
<tr>
<td>Job Title:</td>
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<td>E-mail:</td>
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<td>Phone Number:</td>
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Will you be out for more than 2 weeks during the training period (June 1, 2020 – August 7, 2020)?

Yes [ ] No [X]