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SUMMER 2018: UTHealth-CPRIT Undergraduate Innovation in Cancer Prevention Research Fellowship: Mentor Research Opportunity

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**Faculty Name** | Paula Cuccaro, PhD
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**Faculty E-mail** | Paula.M.Cuccaro@uth.tmc.edu
**School/Campus** | School of Public Health, CHPPR, Houston

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**Research Projects**

| 1 | Title: Social Marketing and Mobile School-Based Vaccination Clinics: An Innovative Approach to Increase HPV Vaccination | Funding Source: CPRIT PP170046 |
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**Project Description:** The goal of this project is to prevent HPV-related cancer and disease by increasing HPV vaccination among minority youth in medically underserved areas in Houston. Our main strategies include a parent-focused social marketing campaign, including culturally-appropriate messages, and comprehensive school-based vaccination clinics held in 28 public middle schools. This study is being conducted in the largest school district in Texas (the 7th largest in the U.S.). The CPRIT fellow will have the opportunity to design an HPV-related educational program and/or social marketing campaign aimed at middle school students to complement current efforts targeting parents.

| 1 | Contact with: | public [X] | patients [ ] | lab samples [ ] | animals [ ] | none [ ] |
---|---|---|---|---|---|---|
**Project Status** | IRB | Yes [X] | No [ ] |
**IRB Number** | HSC-SPH-17-0211 |
**Laboratory safety protocol** | Yes [ ] | No [X] | Protocol Number |

| 1 | Will the fellow be added to the protocol? | Yes [ ] | No [X] |
---|---|---|---|
**Source of fellow funding:** | CPRIT Training grant [X] | Preceptor [ ]

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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 of an HPV-related educational program and/or social marketing campaign for middle school youth to complement current efforts targeting parents.
      2. Mapping of potential HPV-related educational lesson(s) to Texas Essential Knowledge and Skills (TEKS) objectives
      3. Recommendations for engaging youth on HPV vaccine via social media
      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

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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. Fellow will commit to the design of a student-focused educational program (or modules) to complement current project strategies

2. Fellow will receive training in best-practice marketing techniques from project-contracted cause driven branding and marketing firm

3.

4.

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

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. Fellow will be able to develop educational content for youth, with supervision and guidance

2. Fellow will be able to apply best-practice marketing and language-framing techniques

3. Fellow will be able to match state-required learning objectives to a health promotion intervention

4.

5.

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.

Interest in health promotion or behavioral science, vaccines, adolescent health. Spanish-language skills are a plus.

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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:** Efrat K. Gabay, MPH
   **Job title:** Research Coordinator II
   **E-mail:** Efrat.K.Gabay@uth.tmc.edu
   **Phone number:**  
   - Office: 713-500-9624
   - Cell: 832-372-6554

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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