Summer Student Research Program
Project Description

FACULTY SPONSOR'S NAME AND DEGREE: *Ping-Hsin Chen, PhD*
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PROJECT TITLE (200 Characters max):

Violence Outreach Intervention and Community Education (VOICE) Program

HYPOTHESIS:

The goal is to reduce incidents of violence, its related health issues, and barriers to help-seeking. We hypothesize that participants will show significant knowledge gain, increase help-seeking, and promote awareness after the intervention.

PROJECT DESCRIPTION (Include design, methodology, data collection, techniques, data analysis to be employed and evaluation and interpretation methodology)

Violence and its risk factors, such as mental illness and substance use, are major public health issues in the U.S. A recent report showed a higher incidence and severity of physical violence during the pandemic. U.S. adults also reported significantly more substance use and adverse mental health conditions related to COVID-19.

During the COVID-19 pandemic, most clinical practices transitioned primarily to telehealth. Studies have shown that telehealth may decrease barriers and increase access to health care. This provides opportunities to reach out to the community and offer tailored prevention and intervention through virtual technology.

We will implement a virtual violence prevention curriculum in the community. We will collaborate with local stakeholders to determine their technology capacity and needs. We will meet with the community partners to review the curriculum content and incorporate any recommendations to modify the curriculum.

The curriculum includes 7 topics over multiple sessions for various populations. Each of the 21 10-minute sessions will be delivered independently of each other. After each session, the participants will take a brief anonymous survey, which takes approximately one minute.

The proposed program uses an innovative virtual approach to improve delivery of violence prevention and intervention programs. We believe that this program will increase the reach for at-risk community populations, particularly during the COVID-19 pandemic era.

SPONSOR'S MOST RECENT PUBLICATIONS RELEVANT TO THIS RESEARCH:

Chen P-H, Gerstmann M, Padilla D, Barrett T. Training future physicians to screen for and intervene with domestic violence. Med Educ. 2016; 50: 585. doi:10.1111/medu.13025

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Chen P-H, Rovi S, Vega ML, Barrett T, Pan KY, Johnson MS. Birth Outcomes in Relation to Intimate Partner Violence. J Natl Med Assoc. 2017 Winter;109(4):238-245. doi: 10.1016/j.jnma.2017.06.017. Epub 2017 Jul 21. PMID: 29173930

Chen P-H, Kong YT, Emanuel J, Pan M. Development of a Virtual Training Program to Reduce Gun Violence Amidst theCovid-19 Era. Journal of Education and Training Studies. 2021 Feb;9(2):45-54. DOI:http://dx.doi.org/10.11114/jets.v9i2.5121.

THIS PROJECT IS: ☐**Clinical** ☐**Laboratory** ☒ **Behavioral** ☐ **Other**

THIS PROJECT IS CANCER-RELATED☐
Please explain Cancer relevance

THIS PROJECT IS HEART, LUNG & BLOOD- RELATED☐
Please explain Heart, Lung, Blood relevance

THIS PROJECT INVOLVE RADIOISOTOPES?☐

THIS PROJECT INVOLVES THE USE OF ANIMALS ☐
    PENDING ☐ **APPROVED**☐ **IACUC PROTOCOL #**

THIS PROJECT INVOLVES THE USE OF HUMAN SUBJECTS? ☒
    PENDING ☒ **APPROVED**☐ **IRB PROTOCOL # M**

THIS PROJECT IS SUITABLE FOR:
UNDERGRADUATE STUDENTS ☐ ENTERING FRESHMAN ☐
SOPHMORES ☐ ALL STUDENTS ☒

THIS PROJECT IS WORK-STUDY: **Yes** ☐ **or** **No** ☒

THIS PROJECT WILL BE POSTED DURING ACADEMIC YEAR
FOR INTERESTED VOLUNTEERS: **Yes** ☐ **or** **No** ☒

WHAT WILL THE STUDENT LEARN FROM THIS EXPERIENCE?

Through involvement in this project, students will be able to:

- Collaborate with an interdisciplinary team including community health workers and physicians to provide services
- Develop communication and presentation skills through interactions with participants
- Organize virtual education and prevention activities in the community
- Conduct program evaluation and prepare reports