WANTED
Applicants for a two-year Post-doctoral Fellowship at the University of Michigan School of Nursing, funded by a NINR T32 training program.

FOCUS
Complexity: Innovations in Promoting Health and Safety (CIPH$S$)

OBJECTIVES
Fellows will focus on one of the following:

- Investigate the complex array of personal, social, and environmental factors that impact the health and safety of individuals and populations across the wellness-illness continuum to inform the design and testing of interventions.
- Design and test innovative approaches to promote health and safety, and prevent development of chronic conditions at the individual and population levels.
- Design and test innovative approaches to promote health and safety among those with chronic conditions to enable them to live well with chronic illness.

AREAS OF FOCUS
Promoting health through prevention and safety

Examples:
- Adolescent health
- Risks associated with substance abuse, violent behavior, and precocious sexual behavior in adolescents
- Behavioral interventions to reduce violence and substance abuse in youth
- Prevention of unintentional injuries such as fall-related injuries in the elderly
- Decision making related to cancer prevention and control
- Prevention of obesity and diabetes
- Promoting safety of hospitalized patients (e.g. prevention of healthcare acquired infections)
- Use of innovative analytic methods to large national datasets and claims data to understand complex health issues and population health
- Women’s health such as urinary continence, reproductive health, prevention of maternal and neonatal mortality
- Sexual health such as HIV prevention
Workers’ health and safety (e.g., prevention of noise-induced hearing loss among farm operators and their families, prevention of healthcare workers’ exposure to toxic chemotherapeutic agents)

Communication and use of technology among healthcare providers (e.g., nurses, physicians) that impact potential adverse healthcare events associated with miscommunication

Promoting health among vulnerable and community-based populations

Implementation of research-based interventions to promote health and safety (implementation science)

Examples:

- Use of mobile health technology to improve chronic illnesses
- Treatment of diabetes and associated complications
- Management of depression and dementia in the elderly
- Use of artificial intelligence based text-messaging system to improve medication adherence for individuals with uncontrolled hypertension
- Investigating complex mechanisms of symptoms experienced by cancer survivors
- Testing bio-behavioral interventions to promote health in those with cancer
- Improving sexual health in women with a history of breast and gynecologic cancer
- Testing interventions to address painful chemotherapy-induced peripheral neuropathy (CIPN)
- Investigating factors that influence physical activity, and quality of life in people with chronic lung disease
- Testing the effects of an exercise intervention to promote health and increase physical activity in COPD
- Testing the effectiveness of a psycho-education intervention for women with abuse-related post-traumatic stress disorder (PTSD)
- Investigation of treatment factors for nonspecific back pain
- Improving quality of life in people with chronic illness

VULNERABLE POPULATIONS

The UM has a strong commitment to working with underserved and vulnerable populations including racial and ethnic minorities, sexuality-related health disparities, older adults, and people in rural and inner city areas. The areas of research focus outlined above include vulnerable populations.

QUALIFICATIONS

- PhD in nursing or related field
- If PhD is in a related field, then a Master’s Degree in Nursing is required
- Commitment to a research career in one of the focus areas
Post-Doctoral Fellowship Opportunity

APPLICATIONS
Those interested should submit the following materials to Dr. Marita Titter (mitller@umich.edu) by March 1, 2018:

- A two to three page narrative that:
  - Describes his/her area of research interest in this training program, and that fit with the research of potential mentors at Michigan
  - Demonstrates the motivation to pursue a research career in promoting health and safety
- A curriculum vitae
- Three letters of recommendation
- Transcripts of graduate study
- Reprints of research publications (or a copy of the doctoral dissertation)

SELECTION

- Demonstrated commitment to a research focus area of the CIPHS program (described above)
- Demonstrated motivation to pursue a research career
- Strong letters of recommendation
- Graduate GPA
- Interviews with the Primary Mentor and Program Committee

CONTACTS

Dr. Marita Titter, PhD, RN, FAAN
mitller@umich.edu

Dr. Marjorie McCullagh, PhD, RN, APHN-BC, COHN-S, FAAN, FAAN
mcculla@umich.edu