

Post-Doctoral Fellowship Opportunity



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 (CIPHS)

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

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- 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)

Promoting health in the context of chronic conditions to facilitate living well with chronic illness

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

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APPLICATIONS

Those interested should submit the following materials to **Dr. Marita Titler** (mtitler@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



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**Dr. Marjorie McCullagh, PhD, RN, APHN-BC,
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