

CURRICULUM VITAE

Mirinda Tyo, PhD, RN, TCRN
Assistant Professor Adult Health Nursing
College of Nursing and Health Science

HIGHER EDUCATION

A. Degrees

- a. Mississippi Gulf Coast Community College, 1998 – 2001, Associate Degree of Science in Nursing, May 2001
- b. University of North Alabama, 2002 – 2004, Bachelor of Science in Nursing, Jul 2004
- c. University of North Alabama, 2008 – 2011, Masters of Science in Nursing, May 2011
- d. University of Massachusetts Dartmouth, 2014 – 2019, Doctor of Philosophy, May 2019

EXPERIENCE

A. Teaching

- a. University of Massachusetts Dartmouth, Fall 2020 – Current, Assistant Professor, Aduly Health Nursing

B. Other

- a. Cape Cod Healthcare, 2020 – Present, Per Diem Off Shift Nurse Manager
- b. Cape Cod Healthcare, 2020 – 2021, Emergency Staff Nurse
- c. Cape Cod Healthcare, 2019 – 2020, Per Diem Off Shift Nurse Manager (OSNM)
- d. Cape Cod Healthcare, 2016 – 2020, Corporate Educator, HealthStream Administrator, Primary Nurse Planner, and Site Clinical Coordinator Transition to Practice Program
- e. Boston Medical Center, 2016 – 2019, Adult Emergency Department Per Diem Staff Nurse
- f. Boston Medical Center, 2013 – 2016, Nursing Professional Development Specialist/Educator Adult Emergency Department
- g. Boston Medical Center, 2011 – 2013, Assistant Nurse Manager Pediatric Emergency
- h. University of Massachusetts Dartmouth, 2010 – 2014, Adjunct Clinical Instructor
- i. Boston Medical Center, 2009 – 2011, Off Shift Nurse Manager
- j. Boston Medical Center, 2006 – 2009, Pediatric Emergency Dept. Staff Nurse
- k. ER/ICU Travel Nurse, 2002 – 2006, Various 13-week travel nurse assignments
- l. Southwest Mississippi Regional Medical Center, 2001 – 2002, Medical ICU & IMCU

C. Listing of Courses

- a. NUR 250 Knowledge Foundations in Nursing
- b. NUR 251 Experiential Learning: Knowledge Foundations in Nursing Care
- c. NUR 270 Concepts of Foundational Nursing
- d. NUR 326 Management of Patient in Acute and Chronic Illness
- e. NUR 327 Experiential Learning: Nursing Care for Adults Experiencing Illness

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- f. NUR 337 Experiential Learning: Child and Family Nursing
- g. NUR 352 Concepts of Adult Health
- h. NUR 451 Senior Medical Surgical Student Mentorship
- i. NUR 455 Experiential Learning for Senior Mentorship
- j. NUR 457 Nursing Care of Persons with Complex Health Problems Experiential
- k. NUR 553 Pharmacology for Advanced Nursing Practice

ACADEMIC AND PROFESSIONAL HONORS

A. Scholarship and Professional Activities

PUBLICATIONS

- a. Cooper, M., Walz, K., Brown, M., McDonald, K., Dwyer, D., Dowd, P., Byrne, K., Griffin, M. (2009). Boston Medical Center pediatric emergency response to H1N1, *Journal of Emergency Nursing*, 35(6), 580 - 583. doi: 10.1016/j.jen.2009.07.011.
- b. Bell, C., McCurry, M., Viveiros, J., & Tyo, M. (2021). Examination of factors affecting therapeutic attitude and empowerment of perianesthesia nurses who care for patients with opioid use disorder. Submitted to the *Journal of Peri Anesthesia Nursing*, 37(5), 669-677. <https://doi.org/10.1016/j.jopan.2021.11.014>
- c. Brown Tyo, M., & McCurry, M. (2019). An integrative review of clinical reasoning teaching strategies and outcome evaluation in nursing education, *Nursing Education Perspectives*, 40(1), 11-17. doi: 10.1097/01.NEP.0000000000000375.
- d. Brown Tyo, M., Gundlach, M., Brennan, C., Esdale, L., Knight, A., Provencher, S., & Tardy, K. (2018). Leading the charge: Achievement of national accreditation for nurse residency program. *Journal for Nurses in Professional Development*, 34(5), 270-276. doi: 10.1097/NND.0000000000000476.
- e. Brown Tyo, M., McCurry, M., Horowitz, J., & Elliot, K. (2021). Predictors of burden and resilience in family caregivers of individuals with opioid use disorder. *Journal of Nursing Addiction*, June 11, 2021. doi: 10.1097/JAN.0000000000000412
- f. Desroches, M., & Tyo, M. (2022). Promoting resilience in direct support professionals of adults with IDD: A qualitative descriptive study. *Intellectual and Developmental Disabilities*, 61(3), 250 – 264. doi: 10.1352/1934-9556-61.3.250. PMID: 37301997.
- g. McCurry, M., Avery-Desmarais, S., Schuler, M., Tyo, M., Viveiros, J., Kauranen, B. (2022). Perceived stigma, barriers, and facilitators experienced by members of the opioid use disorder community when seeking healthcare. *Journal of Nursing Scholarship*, Open Access. <https://doi.org/10.1111/jnu.12837>
- h. Schuler, M., Tyo, M., & Barnett, K. (2021). Nursing student perceptions of required online educational programs utilized outside the classroom. Submitted to *Nurse Education Today*, Manuscript number: NET-D-21-00636.

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- i. Tyo, M., Tardy, K., & Kerwin, K. (2020). A community hospital's response to the Covid-19 pandemic. *Journal for Nurses in Professional Development*, 36(4), 253-255.
- j. Tyo, M. & McCurry, M. (2020). An integrative review of measuring caregiver burden in substance use disorder. *Nursing Research*. 9/10 2020, 69(5), 391-398. Doi: 10.1097/NNR.0000000000000442
- k. Tyo, M.B. & McCurry, M.K. (2021). Using board games to foster clinical reasoning in new graduate nurses. *Journal of Continuing Education in Nursing*, 52(9). <https://doi.org/10.3928/00220124-20210804-06>
- l. Tyo, M.B., McCurry, M., Horowitz, J., & Elliot, K. (2021). Perceived stressors and support in family caregivers of individuals with OUD. Submitted to *Journal of Addictions Nursing*, in press.
- m. Tyo, M., & McCurry, M. (2023). Model of family caregiver resilience and burden in opioid use disorder: A theoretical framework. *Advances in Nursing Science*, 46(2), 147 – 157. PMID:36044341. Doi: 10.1097/ANS.0000000000000448
- n. Tyo, M.B., & McCurry, M.K. (2023). e-Delphi study: Expert consensus on the needs and resources available to family caregivers of individuals with substance use disorder. *Substance Use and Misuse*. Epub ahead of print. PMID: 37466079. doi: 10.1080/10826084.2023.2236203

UNPUBLISHED WORK

- a. Avery, S., Schuler, M., Tyo, M., Viveiros, J., McCurry, M., & Kauranen, B. Barriers and facilitators to recruitment of a multifaceted population of opioid use disorder community stakeholders. Manuscript ID LSUM-2023-0066. *Substance Use and Misuse*.
- b. Hallemeier, D., Tyo, M., & Travers, E. Clinical reasoning concepts as an intervention to improve clinical judgment and self-confidence of prelicensure nursing students in the clinical setting. Manuscript ID NET-S-23-00289. *Nursing Education Today*.
- c. Tyo, M., & Desroches, M. Development of a mobile health app to promote resilience and coping in direct support professionals of adults with intellectual and developmental disabilities. Manuscript ID JID-22-0070. *Journal of Intellectual Disabilities*
- d. Tyo, M.B., Viveiros, J., McCurry, M., Avery-Desmarais, S., Schuler, M., & Kauranen, B. Scenario and content validation for a set of opioid use disorder stigma-related nursing simulations. Manuscript in progress.

GRANTS RECEIVED

- a. University of Massachusetts Dartmouth Internal Seed Grant \$16,575
Tyo, M. (PI), Desroches, M. (PI), and Zhang, X. (CO-I) 02/01/2021 – 08/31/2021
Identifying factors that promote resilience among direct support professionals during covid-19 for intervention development. The aim of this research was to develop a virtual resource to assist direct support professionals of adults with IDD to promote resiliency during the COVID-19 pandemic and beyond. A second aim was to pilot test the virtual

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- resource for feasibility and acceptability in promoting resilience of direct support professionals during the COVID-19 pandemic. Role PI.
- b. Theta Kappa Research Committee Grant \$500
Tyo, M. (PI) McCurry (Co-PI) 06/01/2021 – 06/01/2023 Exploring the needs of family caregivers of individuals with SUD during COVID-19. The aim of this study is to identify the needs and resources available and accessed by family caregivers of individuals with SUD given the current COVID-19 pandemic and other sociopolitical events. Role PI
 - c. University of Massachusetts Dartmouth Summer Research Stipend 06/2021 – 09/2021 \$5,000
 - d. UMD Pilgrim Grant \$11,380
Tyo, M., (PI) & McCurry, M (PI). Exploring the needs of family caregivers of individuals with SUD: An E-Delphi study. The aim of this study was to establish an expert consensus on the needs and resources available to family caregivers of individuals with SUD. Role PI.
 - e. Community Engaged Research Partnership Initiative Fellowship \$7,000
Tyo, M. (PI), McCurry, M.(PI), Mahoney, C. (CO-I). Community based participatory research to promote resilience in families of individuals with substance use disorder.
 - f. Foundation for Opioid Response \$595,485
McCurry, M. (PI), Schuler, M. (PI), Viveiros, J. (PI), Tyo, M. (PI), & Avery, S (PI). Novel organizational simulation training to improve graduate's mastery & attitudes (No Stigma): A stepwise simulation intervention to reduce opioid use disorder stigma in undergraduate and graduate nursing students. Role CO-I and project leadership.
 - g. Michael J Fox Foundation \$20,231
Mammen, J. (PI) and Tyo, M.B. (CO-I). Secondary data analysis of Parkinson's UK dataset. Role CO-I.

CONFERENCE PRESENTATIONS

A. Works Presented

- a. Avery, S., Schuler, M., Tyo, M., Viveiros, J., McCurry, M., & Kauranen, B. (2023, March). Eastern Nursing Research Society. Recruitment of a multifaceted population of opioid use disorder community stakeholders [Poster presentation ID # PRP56]. Eastern Nursing Research Society, Philadelphia, PA, United States.
- b. Avery-Desmarais, S., Viveiros, J., McCurry, M., Tyo, M., Schuler, M., & Kauranen, B. (2023, June 14-17). Development of a harm reduction simulation to decrease stigma toward LGBTQ patients with opioid use disorder [Conference session]. International Nursing Association of Clinical and Simulation Learning Annual Conference, Providence, RI, United States.
- c. Desroches, M., & Tyo, M. (2021, March). A qualitative exploration of resilience in direct support professionals who care for adults with intellectual and developmental disabilities: Toward improved access to a critical resource for health [Podium presentation]. Eastern Nursing Research Society. Providence, RI.
- d. McCurry, M., Avery, S., Schuler, M., Tyo, M., Viverios, J., & Kauranen, B. (2022, Sept). Perceived stigma, barriers, and facilitators experienced by members of the

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- opioid use disorder (OUD) community when seeking healthcare: A qualitative study [Podium presentation]. Council for the Advancement of Nursing Science, Washington DC, United States.
- e. Tyo, M., McCurry, M., Schuler, M., Viveiros, J., Avery, S., & Kauranen, B. (2023, June). Development of a family centered simulation to address stigma associated with neonatal abstinence syndrome [Podium presentation]. International Family Nursing Association Conference, Dublin, Ireland.
 - f. Tyo, M. (2019, May). Predictors of burden and resilience in family caregivers [Podium Presentation]. Sister Madeleine Clemence Vaillot Scholarship Day, Dartmouth, MA, United States.
 - g. Tyo, M. (2019, May). Predictors of burden and resilience in family caregivers [Podium Presentation]. Cape Cod Healthcare Nursing Grand Rounds, Hyannis, MA, United States.
 - h. Tyo, M., & McCurry, M. (2017, March). An integrative review: Clinical reasoning in nursing education [Poster presentation]. 29th Annual Scientific Sessions Eastern Nurse Research Symposium, Philadelphia, PA, United States.
 - i. Tyo, M., & McCurry, M. (2019, March). An integrative review: Measuring caregiver burden in family caregivers of care recipients with substance abuse disorder (SAD) [Podium presentation]. 31th Annual Scientific Sessions Eastern Nurse Research Symposium, Providence, RI, United States.
 - j. Tyo, M., & McCurry, M. (2021, Nov). E-Delphi study to identify the needs of family caregivers of individuals with SUD [Poster presentation]. Sigma 46th National Convention, Indianapolis, IN, United States.
 - k. Tyo, M., McCurry, M., & Kauranen, B. (2023, March). e-Delphi study exploring the needs of family caregivers of individuals with substance use disorder [Podium presentation PRP53]. Eastern Nursing Research Society, Philadelphia, PA, United States.
 - l. Tyo, M., McCurry, M., & Kauranen, B. (2023, June). Exploring the needs of families impacted by substance use disorder: stressors related to sociopolitical uncertainty [Podium presentation]. International Family Nursing Association Conference, Dublin, Ireland.
 - m. Tyo, M., McCurry, M., Horowitz, J., & Elliot, K. (2019, August). Family caregiver resilience and burden in opioid use disorder: A dissertation in nursing [Podium Presentation]. 14th International Family Nursing Association Conference, Washington DC, United States.
 - n. Tyo, M., McCurry, M., Horowitz, J., & Elliot, K. (2021, June). Caregiver stress and resilience in family caregivers of individuals with opioid use disorder [Podium Presentation]. Ireland: 15th International Family Nursing Association Conference (Virtual Format).
 - o. Tyo, M., McCurry, M., Horowitz, J., & Elliot, K. (2021, Nov). Theoretical model for caregiver resilience and burden in opioid use disorder [Podium presentation]. Sigma 46th National Convention, Indianapolis, IN, United States.
 - p. Tyo, M., Schuler, M., Barnett, K. (2021, April). Nursing student perceptions of the required online educational programs utilized outside of the classroom [Poster presentation]. Sigma Theta Tau, Theta Kappa Chapter 2021 Year of the nurse excel-lead-innovate conference (Virtual Format).

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- q. Tyo, M., Schuler, M., Barnett, K. (2021, March). Student perceptions of the use of education technology programs outside the classroom [Podium presentation]. OFD Share your research workshop, University of Massachusetts Dartmouth, Dartmouth, MA, United States.
- r. Tyo, M., Viveriros, J., Avery-Desmarais, S., Schuler, M., McCurry, M., & Kauranen, B. (2023, March). Content validation of opioid use disorder stigma-related simulations for nursing curriculum [Podium presentation ID PRP23]. Eastern Nursing Research Society, Philadelphia, PA, United States.

OTHER PROFESSIONAL ACITVITIES

- a. Cape Cod Healthcare IRB Board Member 04/2019 – Current
- b. ENRS Virtual 33rd Annual Scientific Sessions Reviewer 10/2020 – Current
- c. International Family Nursing Association Abstract reviewer for 15th International Family Nursing Association Conference 11/2020 - Current
- d. Cape Cod Healthcare Covid-19 Vaccine clinic – volunteered 12/2020 - 01/2021
- e. UPENN Positive Psychology: Resilience skills in a time of uncertainty 02/2021
- f. Theta Kappa Sigma Abstract Reviewer 04/2021
- g. Sigma International Bylaws Reviewer 03/18/21

UNIVERSITY SERVICE

A. Service to the Department

- a. Attendance and participation in department meetings
 - i. Faculty Organization

B. Service to the College

- a. SSPC Committee Member
- b. Curriculum Committee Member
- c. CBC 3/4 Level Coordinator
- d. Accepted Students Day
- e. CNHS Pining Committee and Ceremony
- f. CNHS Scholarship Day Committee
- g. CNHS Dean's Faculty Scholarship Day
- h. CNHS White Coat Committee and Ceremony
- i. DNP Scholarly Project 2nd Reader
- j. NUR 352 CBC Curriculum Build
- k. Simmons University DNP Denise Hallemeyer committee member
- l. Theta Kappa Chapter Governance Chair 11/2020 - current
- m. Theta Kappa Chapter Governance Committee, Sigma Theta Tau International
- n. UMD Destination Day
- o. UMD Pre-Convocation and Convocation

C. Service to the University

- a. General Education Committee
- b. Tenure Track Search Committee

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MEMBERSHIP IN PROFESSIONAL SOCIETIES

- A. Phi Kappa Phi 2004 – Current
- B. International Family Nursing Association 2019 - Current
 - a. Member of Education and Research Committee
 - b. Co-chair of Research Sub-collaboration Committee
 - c. Elected as member of the nominating committee 2023
 - d. Past chair of Education and Newsletter Subcommittee
 - e. Past Secretary of Simulation, Technology, and Informatics Subcommittee
- C. Association for Nursing Professional Development, 2016 – 2019
- D. Sigma Theta Tau 2004 – Current
 - a. Member of Theta Kappa Chapter Governance Committee 2018 – 2019
 - b. Chair of Theta Kappa Chapter Governance Committee 2019 – Current
- E. Eastern Nursing Research Society 2015 – Current
- F. International Society for Substance Use Professionals 2020 – Current
- G. Society of Trauma Nurses 2016 – 2019