

CURRICULUM VITAE

Name: MaryBeth Sosa PhD, RN

College: College of Nursing and Health Sciences

RECOMMENDATION FOR: 3rd/4th

Title: Assistant Professor

Department: Adult

MaryBeth Sosa PhD, RN
marybeth.sosa@umassd.edu

CURRICULUM VITAE

HIGHER EDUCATION

A. Degrees

1. University of Massachusetts Dartmouth, College of Nursing and Health Sciences, 2012-2018, PhD in Nursing, May 2018.
2. University of Massachusetts Dartmouth, College of Nursing, 2003-2006, Master of Science with a focus in education, May 2006.
3. Boston College, School of Nursing, 1994-1998, Bachelor of Science in Nursing, May 1998.

EXPERIENCE

A. Teaching

1. University of Massachusetts Dartmouth, College of Nursing and Health Sciences, 2019-present, Assistant Professor, Adult.
2. University of Massachusetts Dartmouth, College of Nursing and Health Sciences, 2006-2019, Lecturer, Adult.

B. Professional Clinical Practice

1. Rhode Island Hospital, 2003-2006, Staff Nurse, Intermediate Cardiothoracic Unit.
2. Erie County Medical Center, 2002-2003, Staff Nurse, Coronary Care Unit.
3. Clinical One Healthcare Professional, 2001-2002, Staff Nurse, Travel Assignments.
4. Washington Hospital Center, 1999-2001, Staff Nurse, Coronary Care Unit, Cardiac Stepdown Unit.
5. Roger Williams Medical Center, 1998-1999, Staff Nurse, Medical Surgical.

C. Courses taught at University of Massachusetts Dartmouth

- Spring 2021
 - NUR 235-01: Pathophysiology and Pharmacology for Nursing Practice II
 - NUR 511-7101: Translating Research Evidence for Advancing Nursing Practice
 - NUR 512-7101: Integrated Physiologic Knowledge in Patient Care
- Intersession 2021
 - NUR 230-7101: Pathophysiology and Pharmacology for Nursing Practice I
- Fall 2020
 - NUR 230-01: Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 235-7101: Pathophysiology and Pharmacology for Nursing Practice II
 - NUR 457-7502/7503: Nursing Care of Persons with Complex Health Problems
- Spring 2020
 - NUR 235-01: Pathophysiology and Pharmacology for Nursing Practice II
- Fall 2019
 - NUR 230-01: Pathophysiology and Pharmacology for Nursing Practice I

- NUR 235-7101: Pathophysiology and Pharmacology for Nursing Practice II
- NUR 457-7501/7503: Nursing Care of Persons with Complex Health Problems
- Spring 2019
 - NUR 235-01 Pathophysiology and Pharmacology for Nursing Practice II
 - NUR 451-05 Experiential Learning: Complex Health Problems
 - NUR 455-06 Experiential Learning: Senior Mentorship
- Fall 2018
 - NUR 230-01 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 230-7101 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 235-7101 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 457-7501 Nursing Care of Complex Health Problems
- Spring 2018
 - NUR 235-01 Pathophysiology and Pharmacology for Nursing Practice II
 - NUR 451-07 Experiential Learning: Complex Health Problems
 - NUR 455-09 Experiential Learning: Senior Mentorship
- Fall 2017
 - NUR 230-01 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 230-7101 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 235-7101 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 457-8101 Nursing Care of Complex Health Problems
- Spring 2017
 - NUR 235-01 Pathophysiology and Pharmacology for Nursing Practice II
 - NUR 451-07 Experiential Learning: Complex Health Problems
 - NUR 455-07 Experiential Learning: Senior Mentorship
- Fall 2016
 - NUR 230-01 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 230-7101 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 235-7101 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 500-01 Theoretical Foundations for Advanced Nursing Practice
 - NUR 500-8101 Theoretical Foundations for Advanced Nursing Practice
- Spring 2016
 - NUR 235-01 Pathophysiology and Pharmacology for Nursing Practice II
 - NUR 451-13 Experiential Learning: Complex Health Problems
 - NUR 455-05 Experiential Learning: Senior Mentorship
- Fall 2015
 - NUR 230-01 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 327 Experiential Nursing Care for Adults Experiencing Illness
 - NUR 500-01 Theoretical Foundations for Advanced Nursing Practice
- Spring 2015
 - NUR 235-01 Pathophysiology and Pharmacology for Nursing Practice II
 - NUR 451 Experiential Learning: Complex Health Problems
 - NUR 455 Experiential Learning: Senior Mentorship
- Fall 2014
 - NUR 230-01 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 327 Experiential Nursing Care for Adults Experiencing Illness
 - NUR 500 Theoretical Foundations for Advanced Nursing Practice
- Spring 2014
 - NUR 235-01 Pathophysiology and Pharmacology for Nursing Practice II

- NUR 235-H Pathophysiology and Pharmacology for Nursing Practice II
- NUR 451 Experiential Learning: Complex Health Problems
- NUR 455-01 Experiential Learning: Senior Mentorship
- Fall 2013
 - NUR 230-01 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 327 Experiential Nursing Care for Adults Experiencing Illness
- Spring 2013
 - NUR 235-01 Pathophysiology and Pharmacology for Nursing Practice II
 - NUR 451 Experiential Learning: Complex Health Problems
 - NUR 455-01 Experiential Learning: Senior Mentorship
- Fall 2012
 - NUR 230-01 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 230-02 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 327 Experiential Nursing Care for Adults Experiencing Illness
- Spring 2012
 - NUR 235-01 Pathophysiology and Pharmacology for Nursing Practice II
 - NUR 235-H Pathophysiology and Pharmacology for Nursing Practice II
 - NUR 451 Experiential Learning: Complex Health Problems
 - NUR 455-01 Experiential Learning: Senior Mentorship
- Fall 2011
 - NUR 230-01 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 230-02 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 327 Experiential Nursing Care for Adults Experiencing Illness
- Spring 2011
 - NUR 235-01 Pathophysiology and Pharmacology for Nursing Practice II
 - NUR 451 Experiential Learning: Complex Health Problems
 - NUR 455-01 Experiential Learning: Senior Mentorship
- Fall 2010
 - NUR 230-01 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 327 Experiential Nursing Care for Adults Experiencing Illness
- Spring 2010
 - NUR 235-01 Pathophysiology and Pharmacology for Nursing Practice II
 - NUR 451-04 Experiential Learning: Complex Health Problems
 - NUR 455 Experiential Learning: Senior Mentorship
- Fall 2009
 - NUR 230-01 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 327-06 Experiential Nursing Care for Adults Experiencing Illness
- Spring 2009
 - NUR 235-01 Pathophysiology and Pharmacology for Nursing Practice II
 - NUR 451-04 Experiential Learning: Complex Health Problems
 - NUR 455 Experiential Learning: Senior Mentorship
- Fall 2008
 - NUR 230-01 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 327-06 Experiential Nursing Care for Adults Experiencing Illness
- Spring 2008
 - NUR 235-01 Pathophysiology and Pharmacology for Nursing Practice II
 - NUR 451 Experiential Learning: Complex Health Problems
 - NUR 455 Experiential Learning: Senior Mentorship

- Fall 2007
 - NUR 230-02 Pathophysiology and Pharmacology for Nursing Practice I
 - NUR 327 Experiential Nursing Care for Adults Experiencing Illness
- Spring 2007
 - NUR 235 Pathophysiology and Pharmacology for Nursing Practice II
 - NUR 451 Experiential Learning: Complex Health Problems
 - NUR 455 Experiential Learning: Senior Mentorship
- Fall 2006
 - NUR 304 Disease and Pharmacology
 - NUR 327 Experiential Nursing Care for Adults Experiencing Illness

SCHOLARSHIP AND PROFESSIONAL ACTIVITIES

PUBLICATIONS

Works accepted for publication

• Peer Reviewed Journal Articles

- Sosa, M., Sethares, K., & Chin, E. (2020). The impact of demographic and self-management factors on physical activity in women. *Applied Nursing Research*, 57, 1-7. doi: <https://doi.org/10.1016/j.apr.2020.151353>.
- Sosa, M. & Sethares, K. (2015). An integrative review of the use and outcomes of HESI testing in baccalaureate nursing programs. *Nursing Education Perspectives*, doi: 10.5480/14-1515.
- Sethares, K. A., Sosa, M., Fisher, P., & Riegel, B. (2013). Factors associated with delay in seeking care for acute decompensated heart failure. *Journal of Cardiovascular Nursing*.
- Chin, E. F., Sosa, M., O'Neill, E. S. (2006). The N-CODES project moves to user testing. *CIN: Computers, Informatics, and Nursing*. 24(4), 214-219.

b. Works submitted for publication

- Sosa, M., Sethares, K., & Chin, E. (2020). The Influence of Context and Process on Self-Management of Cardiovascular Disease Risk through Physical Activity. Submitted to *Journal of Cardiovascular Nursing* 2/12/2020. Rejected 3/23/2020.

c. Work in progress

- Sosa, M. Viveiros, J., Chung, J., Chin, E., McCurry, M. & Sethares, K. (2021). Exploring the Relationships of COVID-19 Restrictions to Sociostructural Conditions, Social Isolation, and Health.

GRANTS AND FELLOWSHIPS RECEIVED

a. Individual

- LeDuc Center for Civic Engagement Service Learning Fellowship: \$3000: Sosa, M. (2021). Concepts of Learning through Engagement. Participation in two year program to develop and launch service-learning based course and present/publish findings.

b. Multiple (in collaboration)

- Pilgrim Foundation Grant= \$9537: Sosa, M., Arrington, Kayland, LeSeuere, P., Chin, E., & Sethares, K. (2020). Addressing Factors Related to Physical Activity in Disadvantaged Women to Decrease Chronic Illness. Principal Investigator.

Pilgrim Grant Application. LeSeure, P., Chin, E., Zhang, S. (2020). The Development of a Patient-Centered Diabetes Application for Portuguese Patients with Type 2 Diabetes Mellitus. Coinvestigator.

a. Applied/not funded

- COVID-19 Research Accelerator Fund= \$25000: Sosa, M., Viveiros, J., Sethares, K., Chin, E., Elliott, K., & McCurry, M. (2020). The effects of social isolation in community members related to COVID-19.

CONFERENCE PRESENTATIONS

a. Works presented

- Viveiros, J., Sosa, M., Chung, J. Sethares, K., Chin, E., McCurry, M. (2021). COVID-19 Restrictions Impact Psychosocial Outcomes of Adults with Cardiovascular Disease. Accepted as a poster presentation by the American Association of Heart Failure Nurses on 2/19/2021.
- Viveiros, J., Sosa, M., Chung, J., Sethares, K., Chin, E., McCurry, M. (2021). The Mental Health Impact of COVID-19 Restrictions among Community Dwelling Adults. Oral presentation to the International Family Nursing Conference on 6/30/2021.
- Sosa, M., Sethares, K., & Chin, E. (2020). Factors related to physical activity levels in women: reducing the risk of cardiovascular disease/heart failure. Oral presentation 6/2020 to the American Association of Heart Failure Nurses. Award winning poster.
- Sosa, M. & Sethares, K. (2019). Utilizing Theory to Evaluate Self-Management of Cardiac Disease Risk in Women Through Physical Activity. Oral presentation at Eastern Nursing Research Society Conference 2019.
- Sosa, M., Sethares, K., Chin, E., & Armstrong, D. (2018). Physical Activity in Women to Prevent Cardiac Disease: a Quantitative Study to Investigate Self-Management of Cardiac Disease Risk Through Physical Activity. Oral presentation at Preventive Cardiovascular Nurses Association Conference 2018.
- Sosa, M. & Sethares, K. (2015). The Impact of Standardized Testing on Nursing Education. Poster presentation at Eastern Nursing Research Society Conference 2015.
- Sosa, M. & Sethares, K. (2014). The Use of Phenomenology and Critical Social Theory in the Care of Chronic Cardiovascular Patients. Poster presentation at Eastern Nursing Research Society Conference 2014.
- Sosa, M. (2013). Self-Management in Cardiac Disease. Poster presentation at Sister Madeleine Clemence Vaillot Scholarship Day 2013.
- Sosa, M., O'Neill, E., & Chin, E. (2006). The N-CODES Project. Oral presentation at Sister Madeleine Clemence Vaillot Scholarship Day. 2006.
- Sosa, M., O'Neill, E., & Chin, E. (2005). The N-CODES Project". Oral presentation at Eastern Nursing Research Society Conference. 2005.
- Sosa, M., Kirichian, M., Coutu, V., & Willet, B. (2004). Metabolic Syndrome. Poster presentation at Sister Madeleine Clemence Vaillot Scholarship Day 2004.

b. Presentations forthcoming

- Sosa, M., Viveiros, J., Chung, J., Sethares, K., Chin, E., McCurry, M. (2021). Exploring the Relationships of COVID-19 Restrictions to Sociostructural Conditions, Social Isolation, and Health. Accepted as an oral presentation by Sigma Theta Tau International on 2/8/2021. To be presented 11/2021 at the Sigma Theta Tau International Conference in Indianapolis, IN.

ACADEMIC AND PROFESSIONAL HONORS

Awards

- Award winning moderated poster: AAFHN 16th Annual Meeting: Factors Related to Physical Activity Levels in Women: Reducing the Risk of Cardiovascular Disease/Heart Failure.
- 1st place Poster: Sister Madeleine Clemence Vaillot Scholarship Day 2014: Phenomenology and Critical Social Theory in the Care of Cardiovascular Patients.
- 1st place Poster: Sister Madeleine Clemence Vaillot Scholarship Day 2013: Self-Management of Cardiac Disease.
- 1st place Poster: Sister Madeleine Clemence Vaillot Scholarship Day 2004: Metabolic Syndrome.

OTHER PROFESSIONAL ACTIVITIES

Scholarly Project and Thesis Advisement

Current

- Alexis Belval Effects of COVID-19 Regulations on Feelings of Loneliness and Social Isolation in Long-Term Care Residents.

Nursing DNP Scholarly Project Committees

- Nicole Calvino Antibiotic Education: A Patient-Centered Approach (2020).

Undergraduate Thesis Chair

- Helen Teklehaimanot Complementary Medicine- Attitudes of Nursing Faculty and Students. **Received Office of Undergraduate Research (OUR) funding.** (2021).
- James Cosgrove Electronic Nicotine Delivery Systems: Effects on Respiratory Health and Current Beliefs Among College Undergraduates (2020)
- Kylie Furtado Disparities in Stroke Knowledge in Underserved Ethnic Minorities. **Received OUR funding. First place Student Poster ENRS.** (2020).
- Jessica O'Reilly Perceptions of Physical Activity in Patients with Coronary Artery Disease Who Attend/Attended Cardiac Rehabilitation. (2020)
- Christina Ruiz Knowledge Levels and Attitudes Regarding Concussions of Student-Athletes in NCAA Regulated Sports versus Club Sports. **Received OUR funding.** (2019)
- Bethany Phillips Recognizing Stroke Symptoms and Risk Factors in the General Community. **Received OUR funding.** (2015)

Undergraduate Thesis Committee

- Matthew Machado Reasons Offered by Heart Failure Patients for Non-Adherence with Prescribed Medications. **Received OUR Funding.** (2021)
- Abigayle Manchester. Intimate Partner Violence Educational Program Among Middle School Students. (2021)
- Sabrina Soares Evaluating Health Literacy Levels in College Students. (2020)
- Hazel Wood Cardiovascular Risk Factors: Differences in Knowledge and Perception Between Black and Caucasian College Students. (2020)

Professional Development Activities and Certifications

Professional Development

- Concept Based Curriculum Workshops: Linda Caputi. University of Massachusetts Dartmouth College of Nursing and Health Sciences. (2019, 2020, 2021)
- National League for Nurses Certified Nursing Educator Preparation Course. National League for Nursing. (2020)
- Webinar: Public Health Insight into the COVID-19 Pandemic (2020)
- Webinar: Teaching Students how to Manage Crisis during COVID-19 (2020)
- Webinar: Fitzgerald Medical Associates: Update on COVID (2020)
- Webinar: Update from Nursing Leadership on the Front Lines. American Association of Colleges of Nursing (AACN). (2020)
- Webinar: A Call to Leadership: Navigating the Uncharted Waters. AACN. (2020)
- Addiction Treatment: Clinical Skills for Healthcare Providers. Yale University. (2020)
- New Faculty Institute. University of Massachusetts Dartmouth Office of Faculty Development (2020)
- American Academy of Heart Failure Nurses. Annual Conference. Virtual Attendance (2020)
- Preventive Cardiovascular Nurses Association Annual Conference. Virtual Attendance. (2020)
- Eastern Nursing Research Society Annual Conference. Virtual Attendance. (2020).
- Grass Roots to Grass Tops: Lifting up Democracy: Partnerships for Community Engaged Research. University of Massachusetts Boston (2020).
- Engaged Scholarship Symposium. University of Massachusetts Dartmouth. (2020)
- College of Nursing and Health Sciences Writers Weekend. University of Massachusetts Dartmouth College of Nursing and Health Sciences (2019).
- Qualtrics: Getting Started. University of Massachusetts

Dartmouth Instructional Development. (2019)

- Online Teaching and Learning Strategies Course. University of Massachusetts Dartmouth Instructional Development. (2015)

Licenses and Certifications

- Massachusetts Registered Nurse. (Current)
- Rhode Island Registered Nurse. (Current)
- Advanced Cardiac Life Support (ACLS) Certified. (Current)
- Basic Life Support (BLS) Certified. (Current).

Professional Affiliations

- | | |
|---|--------------|
| ○ Greater New Bedford Alliance. | 2020-present |
| ○ American Association of Heart Failure Nurses. | 2020-present |
| ○ Preventive Cardiovascular Nurses Association. | 2014-present |
| ○ Nurses Graduate Student Organization | 2013-2018 |
| ○ Sigma Theta Tau, Theta Kappa Chapter, Member | 2006-present |
| ○ American Nurses Association | 2006-present |
| ○ Massachusetts State Nurses Association | 2006-present |
| ○ Eastern Nurses Research Society | 2005-present |
| ○ National Association of Critical Care Nurses | 2000-2002 |
| ○ Rhode Island Nurses Association | 1998-2006 |

Professional Committees

- Eastern Nursing Research Society Family Research Interest Group 2020-present.
- Sigma Theta Tau, Theta Kappa Chapter, Treasurer 2007-2011

Other Professional Activities

- Rhode Island Medical Reserve Corps Member 2021
 - COVID vaccine administration to the community
 - Rapid Response team: Newport Jazz Festival
- Karch Pharmacology Textbook Chapter review 2019
- Product Review: Lippincott, Williams, Wilkins 2011
- Chapter Review: McGraw Hill 2011

UNIVERSITY SERVICE

a. Service to the Department

- 2019-2020: Course Coordinator NUR 230/235
 - Course revisions NUR 230/235: increased use of active learning strategies in the classroom (concept mapping, unfolding case studies, application of content), student feedback sheets with follow up course adjustment). Noted increased average exam scores.
- 2020: Conversion of NUR 235 to virtual midsemester: Synchronous classroom with active learning strategies, polling feature for practice questions. Biweekly optional synchronous learning sessions available.
- Undergraduate Academic Advisement: Average 25 advisees each year.

- 2020: Admitted Students Day (Held virtually).
- 2019, 2020: Freshman Orientation

b. Service to the College

- 2017-2021: Co-Chair College of Nursing and Health Sciences Curriculum Committee
 - Lead Curricular Revision
 - Semiannual and annual accreditation reports.
 - Handbook maintenance.
- 2020: Ad-hoc Test Policy Committee
 - Testing policy in line with best practice.

c. Service to the University

- 2020-2021: University Curriculum Committee
 - Elected Member
- 2020: Office of Faculty Development Summer Work Group
 - Development of online teaching resources for the CNHS
- 2020: OUR Student Grant Application Reviewer
- 2019-2020: Teaching, Learning, and Scholarship in the UMass Dartmouth Honors College.
 - Cohort Member
 - Creation of best practices mentoring handbook for Honors Program faculty mentors.

PUBLIC SERVICE (if selected as a category for review): Not selected for review.