

CURRICULUM VITAE
Marci Lee Nilsen, PhD, RN

CURRENT POSITION

Primary Appointment

Assistant Professor 2016– Department of Acute and Tertiary Care, School of Nursing
University of Pittsburgh, Pittsburgh, PA

Secondary Appointment

Assistant Professor 2016– Department of Otolaryngology, School of Medicine
University of Pittsburgh, Pittsburgh, PA

EDUCATION

Postdoctoral fellow	2013 – 2016	University of Pittsburgh, School of Nursing Pittsburgh, PA
PhD	2005 – 2013	University of Pittsburgh, School of Nursing Pittsburgh, PA
MSN	2005 – 2008	University of Pittsburgh, School of Nursing Pittsburgh, PA- Specialty Role- Research
BSN	2001 – 2005	University of Pittsburgh, School of Nursing Pittsburgh, PA

PROFESSIONAL LICENSURE AND CERTIFICATION

Licensure

2005 Registered Nurse- Commonwealth of Pennsylvania RN563745

Certification

2015 Advanced Cardiac Life Support- American Heart Association

PROFESSIONAL EXPERIENCE: ACADEMIC

2008- 2013	Graduate student researcher R01 NR04339 (PI: Sherwood, P) Detection of Physiological Predictors of Complications and Outcomes following a Subarachnoid Hemorrhage University of Pittsburgh, Pittsburgh, PA
2005- 2007	Graduate student researcher R01 HD043988 (PI: Happ, M) Improving Communication with NonSpeaking ICU Patients University of Pittsburgh, Pittsburgh, PA
2001- 2005	Undergraduate student worker R01 NR007615 (PI: Dorn L) Endocrine Changes and Treatment of Conduct Problems

University of Pittsburgh, Pittsburgh, PA

PROFESSIONAL EXPERIENCE: CLINICAL

2016- Nurse Coordinator, Head and Neck Cancer Survivorship Clinic
Department of Otolaryngology, UPMC Eye and Ear Institute, Pittsburgh, PA
2005- 2008 Staff Nurse, Neuro Continuous Care Unit
UPMC Presbyterian Hospital, Pittsburgh, PA

RESEARCH & TRAINING GRANTS

Completed

Title: Exploratory Study of Late and Long-term Treatment Effects and Perceived Survivorship Needs of Head and Neck Cancer Survivors

PI: Marci Nilsen, PhD, RN, Co-I: Jonas T. Johnson, MD, Heidi Donovan, PhD, RN,

Period: 01/01/2017– 12/31/2017

Agency: CRE Pilot/Feasibility Study Program

Funding Amount: \$11,500

Title: Tools to Aid Communication in Older Adults undergoing Head and Neck Cancer Surgery:
A Phase 2 Feasibility Study

PI: Marci Nilsen, Mentor: Annette DeVito Dabbs, PhD, RN, FAAN Co-Mentors: Jennifer
Lingler PhD, CRNP, Brad Myers, PhD (Carnegie Mellon University), Jonas T. Johnson, MD

Period: 9/1/2015- 8/31/2017

Agency: Leslie A. Hoffman Endowed Acute Care Nursing Research Award

Funding Amount: \$3,600

Title: Promoting Communication and Symptom Management of Persons with Head and Neck
Cancer and Caregivers

PI: Marci Nilsen, PhD, RN, Mentor: Heidi Donovan, PhD, RN, Secondary Mentor: Jonas T.
Johnson, MD

Period: 9/15/2015 – 3/15/2017

Type: Research Career Development Award

Agency: Oncology Nursing Society Foundation

Funding Amount: \$20,000

Title: Understanding Barriers to Access and Effective Use of Patient Portals to Promote
Engagement of Older Adults in their Health Care

PI: Annette DeVito Dabbs, PhD, RN, FAAN

Period: 7/1/2015 – 6/30/2016

Agency: Aging Institute of UPMC Senior Services and the University of Pittsburgh

Funding Amount: \$75,000

Role: Co-Investigator

Title: Usability and Feasibility of Augmentative and Alternative Communication Tools by Older Adults

PI: Marci Lee Nilsen, Mentor: Annette DeVito Dabbs, PhD, RN, Co-Mentors: Jennifer Lingler PhD, CRNP, Brad Myers, PhD (Carnegie Mellon University)

Type: Claire M. Fagin Postdoctoral Fellow Award

Period: 7/1/2014 – 6/30/2016

Agency: National Hartford Centers of Gerontological Nursing Excellence

Amount: \$120,000

Title: Usability and Feasibility of Augmentative and Alternative Communication Tools by Older Adults

PI: Marci Lee Nilsen, Mentor: Annette DeVito Dabbs, PhD, RN, Co-Mentor: Jennifer Lingler PhD, CRNP, Co-Mentor: Brad Myers, PhD (Carnegie Mellon University)

Period: 7/1/2014 – 6/30/2016

Agency: Mayday Fund

Amount: \$5,000

Title: Postdoctoral fellowship

PI: Judith Erlen, PhD, RN, Co-Director and Mentor: Annette DeVito Dabbs RN, PhD

Type: T32 NR008857: Technology: Research in Chronic and Critical Illness

Period: 6/1/2013 – 6/30/2014

Agency: National Institute of Nursing Research

Role: Trainee

Title: Interaction Behaviors Effect on Nursing Care Quality of Older Adults in the ICU

PI: Marci Lee Nilsen, Sponsor: Mary Beth Happ, PhD, RN, Co-Sponsor: Susan Sereika, PhD

Type: F31 NR012856: Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship

Period: 05/01/11 – 4/30/13

Agency: National Institute of Nursing Research

Amount: \$53,702

Title: Communication between Nonspeaking Elderly Patients and Caregivers

PI: Marci Lee Nilsen, Mentor: Mary Beth Happ, PhD, RN

Type: John A. Hartford Building Academic Geriatric Nursing Capacity Scholar

Period: 7/1/2007 – 06/30/2009

Agency: John A. Hartford Foundation

Amount: \$97,474

Title: Predoctoral Fellowship

PI: Judith Erlen, PhD, RN; Mentor: Mary Beth Happ, PhD, RN

Type: T32 NR008857: Technology: Research in Chronic and Critical Illness

Period: 9/9/2005 – 8/31/2007

Agency: National Institute of Nursing Research

Role: Trainee

HONORS AND AWARDS

May 2015	Travel Award for Poster Presentation University of Pittsburgh Postdoctoral Association
October 2014	Emerging Nurse Scholar University of Toronto, Lawrence S. Bloomberg Faculty of Nursing
March 2013	Ruth Perkins Keuhn Award University of Pittsburgh, School of Nursing
2008, 2011	Szeming Sze Scholarship University of Pittsburgh, School of Nursing
March 2007	Outstanding Doctoral Student Poster Eastern Nursing Research Society Conference, Providence, Rhode Island

PUBLICATIONS (*data based)

Peer Reviewed Journal Article

1. Beers, E., **Nilsen, M.L.**, & Johnson, J. T. The Role of Patients. *Otolaryngologic Clinics of North America*, 50(4), 689-708.
2. *Irizarry, T., Shoemake, J., **Nilsen, M.L.**, Czaja, S., Beach, S., DeVito Dabbs, A. (2017). A Patient Portals as a Tool for Health Care Engagement: A Mixed-Method Study of Older Adults with Varying Levels of Health Literacy and Prior Patient Portal Use, *Journal of Medical Internet Research*. 19(3), e99
3. *Mattos, M.K., Burke, L.E., Baernholdt, M., Hu, L., **Nilsen, M.L.**, & Lingler, J.H. (2017). Perceived Social Determinants of Health among Older, Rural-Dwelling Adults with Early-Stage Cognitive Impairment, *Dementia*.
4. **Nilsen, M.L.**, & Johnson, J.T. (2017). Potential for Low-Value Care of Patients with Recurrent Head and Neck Cancer. *The Lancet Oncology*. (5), e284-e289.
5. *Happ, M.B., Sereika, S.M., Houze, M.P., Seaman, J.B., Tate, J.A., **Nilsen, M.L.**, van Panhuis, J., Sculli, A., Paull, B. George, E., Angus, D.C., & Barnato, A.E. (2015). Quality of care and resource use among mechanically ventilated patients before and after an intervention to assist nurse-nonvocal patient communication. *Heart & Lung*. 44(5), 408-415
6. *Mattos, M., Jiang, Y., Seaman, J.B., **Nilsen, M.**, Chasens, E.R., & Novosel, L.M. (2015). Baccalaureate nursing students' knowledge of and attitudes toward older adults. *Journal of Gerontological Nursing*. 41(7), 46-56.
7. *Happ, M.B., Seaman, J.B., **Nilsen, M.L.**, Sculli, A., Tate, J.A., Saul, M., & Barnato, A.E. (2015). The number of mechanically ventilated ICU patients meeting communication criteria. *Heart & Lung*. 44(1), 45-49.
8. ***Nilsen, M.L.**, Sereika, S., Hoffman, L., Barnato, A., Donovan, H., & Happ, M.B. (2014). Nurse and patient interaction behaviors effects on nursing care quality for mechanically ventilated, older adults in the ICU. *Research in Gerontological Nursing*. 7(3), 113-125. [PMCID: PMC4040337]
9. ***Nilsen, M.L.**, Happ, M.B., Donovan, H., Barnato, A., Hoffman, L., & Sereika, S. (2014). Adaptation of a communication interaction behavior instrument for use in mechanically ventilated, non-speaking older adults. *Nursing Research*. 63(1), 3-13. [PMCID: PMC4006953]
10. *Tate, J.A., Sereika, S., Divirgilio, D., **Nilsen, M.**, Demirci, J., Campbell, G. & Happ, M.B. (2013) Symptom communication during critical illness: The impact of age, delirium, and

delirium presentation. *Journal of Gerontological Nursing*. 39(8), 28-38. [PMCID: PMC4006194]

11. *Nilsen, M.L., Sereika, S., & Happ, M.B. (2013). Nurse and patient characteristics associated with duration of nurse talk during patient encounters in ICU. *Heart and Lung*. 42(1), 5-12. [PMCID: PMC3543772]
12. Nilsen, M.L. (2010). A historical account of stroke and the evolution of nursing care for stroke patients. *Journal of Neuroscience Nursing*. 42(1), 19-27.

Book Chapter

1. Happ, M.B, Nilsen, M.L., Happ, M.B, & Tate, J.A. (2015) Strategies for Communicating With Mechanically Ventilated Patients. In M. Balas, T. Clemmer, & K. Hargett. (Eds.) *ICU Liberation: The Power of Pain Control, Minimal Sedation, and Early Mobility*. Mount Prospect. Society of Critical Care Medicine.
2. Hurtig, R.R., Nilsen, M.L., Happ, M.B, & Blackstone, S.W. (2015) Adult acute and intensive care in hospitals. In S.W. Blackstone, D.R. Beukelman, & K.M. Yorkston. (Eds.) *Patient-provider communication roles for speech-language pathologists and other health care professionals*. San Diego. Plural Publishing.
3. Nilsen, M.L. & Happ, M.B. (2007). Communication enhancement: speech deficit. In B. Ackley, G. Ladwig, B.A. Swan, & S. Tucker. (Eds.) *Evidence-based nursing care guidelines: Medical-surgical interventions*. Philadelphia. Mosby. (AJN 2008 book of the year award)

Online Course

1. Radtke, J., Nilsen, M.L., Happ M.B. (2009). Case study: Mrs. Moore.- module 7. *Best practice for elder care course*. American Association of Critical Care Nurses on-line <http://www.aacn.org/WD/Practice/Media/eldercare/player/main.html>

Published Abstracts

1. *Jiang, Y., Nilsen, M.L., Dabbs, A. D., Matthews, J. T., Courtney, K. L., Person Mecca, L., Beach, S. R., & Schulz, R. (2015). Family caregivers' likelihood of use and willingness to pay for mobile technologies to manage their own health. *Annals of Behavioral Medicine*, 49 (Suppl. 1), S121.
2. *Nilsen, M., Sereika, S., & Happ, M. B. (2014). 909: Nurse and patient interaction behaviors and nursing care quality of critically ill, Older Adults. *Critical Care Medicine*, 42(12), A1579.
3. *Nilsen, M., Sereika, S. Hoffman, L., Barnato, A., Donovan, H., & Happ, M.B. (2013) Nurse and patient behaviors effects on nursing care quality for ventilated, older adults in the ICU. *Critical Care Medicine*, 41(12): A206.
4. *Nilsen, M.L., Happ, M.B., and Sereika, S. (2011) Nurse and patient characteristics associated with nurse talk time in the ICU. *The Gerontologist*, 51(suppl 2): 171.
5. Nilsen, M., Paull, B., Tate, J., Happ, M., Garrett, K. and George, B. (2007). Assessing mechanically ventilated elderly adults in the ICU for augmentative and alternative communication strategies. *The Gerontologist*, 47(Special Issue I): 639

PRESENTATIONS (*data based)

International

1. *Nock, R.H., **Nilsen, M.L.**, DiVirgilio, D., Tate, J.A., & Happ, M.B. (2014, July). Use of electronic communication devices by temporarily nonvocal patients during nurse-patient interactions in the ICU (Podium). International Society for Augmentative and Alternative Communication 2014 Conference: Lisbon, Portugal.

National

1. **Mattos, M.**, Burke, L.E., Baernholdt, M., Hu, L., Nilsen, M., & Lingler, J.H. (2016, September). Determinants of Cognitive Health in Older, Rural-Dwelling Adults with Cognitive Impairment (Oral Presentation). Council for the Advancement of Nursing Science 2016 State of the Science Congress on Nursing Research, Washington, DC.
2. *Seaman, J.B., Arnold, R.M., Rak, K., **Nilsen, M.L.**, Argenas, A., Shields, A-M. & White, D.B. (2016, May). Barriers and Facilitators to the Conduct of Interdisciplinary Family Meetings in the ICU: Preliminary Findings from a Qualitative Exploration (Poster). American Thoracic Society Meeting: San Francisco, CA.
3. ***Nilsen, M.L.**, Myers, B., Lingler, J., Johnson, J.T., Krueger, E. Teague, L., Donovan, H., & DeVito Dabbs, A. (2015, November). Usability and Acceptability of Communication Tools by Older Adults (Poster). Gerontological Society of America's Annual Scientific Meeting: Orlando, FL.
4. ***Nilsen, M.L.**, Jiang, Y., DeVito Dabbs, A., Matthews, J., Courtney, K.L., Beach, S, & Schulz, R. (2014, November). Technology to support family caregiving: acceptance and willingness to pay (Poster). Gerontological Society of America's Annual Scientific Meeting: Washington, D.C.
5. Happ, M.B., Tate, J.A., **Nilsen, M.L.**, & Chlan, L. (2014, September). Symptom management in critical and complex care: A new theoretical framework (Podium). State of the Science Congress on Nursing Research: Washington, D.C.
6. ***Nilsen, M.L.**, Nock, R., Terhorst, L., Sereika, S. & Happ, M.B. (2012, October) Assessing reliability and validity of a communication interaction behavior instrument in critically ill, mechanically ventilated adults (Podium). State of the Science Congress on Nursing Research: Washington, D.C.
7. DiVirgilio-Thomas, D., Happ, M.B., **Nilsen, M.**, Tate, J., Garrett, K., & Sereika, S. (2006, October). Coding clinical communication interactions of nurse-patient dyads: Methods, issues and implications. (Podium). National Congress on the State of the Science in Nursing Research: Washington, D.C.

Regional

1. **Nilsen, M.L.**, (2010, March) Psychosocial interaction behaviors effect on nursing care quality and medical recovery of nonspeaking, older ICU patients (Poster). Eastern Nursing Research Conference: Providence, RI.
2. **Nilsen, M.**, Paull, B., Tate, J., Happ, M.B., Garrett, K., & George, B. (2008, March) Assessing mechanically ventilated older adults in the ICU for augmentative and alternative communication strategies (Poster). Eastern Nursing Research Society Conference: Philadelphia, PA.

Local

1. Irizarry, T., **Nilsen, M.**, Shoemake, J., Beach, S., Dabbs, A. (2016, April). Relationships between social-behavioral determinants and engagement of older adults in their health care (Poster). Aging Institute Research Day, Pittsburgh, Pennsylvania.

2. **Nilsen, M.L.**, Myers, B., Lingler, J., Donovan, H., Happ, M.B., Johnson, J.T., & Dabbs, A.D. (2015, May). Usability and acceptability of communication tools with post-surgical older adult head and neck cancer patients. (Poster). Postdoctoral Data and Dine Symposium, Pittsburgh, PA.
3. ***Nilsen, M.L.**, Jiang, Y., DeVito Dabbs, A., Matthews, J., Courtney, K.L., Beach, S, & Schulz, R. (2015, November). Technology to support family caregiving: acceptance and willingness to pay (Poster). Aging Institute Research Day: Pittsburgh, PA.
4. ***Nilsen, M.**, Sereika, S. Hoffman, L., Barnato, A., Donovan, H., & Happ, M.B. (2014, April) Nurse and patient behaviors on nursing care quality for ventilated, older adults in the ICU. (Poster). Institute of Aging Research Day: Pittsburgh, PA.
5. ***Nilsen, M.L.**, Nock, R., Terhorst, L., Sereika, S. & Happ, M.B. (2013, May) Assessing reliability and validity of a communication interaction behavior instrument in critically ill, mechanically ventilated adults (Poster). Postdoctoral Data and Dine Symposium: Pittsburgh, PA.
6. ***Nilsen, M.L.**, Happ, M.B., & Sereika, S. (2011, April) Nurse and patient characteristics associated with nurse talk time in the ICU (Poster). Institute of Aging Research Day: Pittsburgh, PA.
7. **Nilsen, M.L.**, (2009, February) Psychosocial interaction behaviors effect on nursing care quality and medical recovery of nonspeaking, older ICU patients (Poster). Sigma Theta Tau International Eta Chapter 10th Annual Research and Clinical Poster Night: Pittsburgh, PA.
8. **Nilsen, M.L.**, Paull, B., Tate, J., Happ, M.B., Garrett, K., & George, B. (2007, December) Assessing mechanically ventilated older adults in the ICU for augmentative and alterative communication strategies (Poster). Institute of Aging: Pittsburgh, PA.

MEMBERSHIP IN PROFESSION ORGANIZATIONS

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| 2016 – | University of Pittsburgh, Center for Bioethics and Health Law |
| 2016 – | University of Pittsburgh Hillman Cancer Center, Biobehavioral Oncology Program |
| 2016 – | Hospice and Palliative Nurse Association |
| 2015 – | Oncology Nursing Society |
| 2013 – | American Association of Critical-Care Nurses |
| 2013 – | Society of Critical Care Medicine |
| 2009 – | Sigma Theta Tau International, Eta Chapter |
| 2006 – | Gerontological Society of America |

OTHER SCHOLARY ACTIVITIES

Grant Reviewer

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| 2011, 2012 | Ruth Perkins Kuehn Research Award
University of Pittsburgh, School of Nursing |
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Invited Speaker

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| 2016 | “Survivorship” |
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- Presenters: Jonas Johnson, MD and Tamara Wasserman-Wincko, MS,
CCC-SLP and Marci Lee Nilsen, PhD, RN
Department of Otolaryngology's Head and Neck Cancer Grand Rounds
- 2016 "Frailty and Risk: Walking a Tight Rope"
Head and Neck Cancer Multidisciplinary Committee Meeting, UPMC
- 2016 "HPV—The New Epidemic"
11TH Annual Dental Management of Patients with Oral Cancer
UPMC and University of Pittsburgh, School of Medicine
- 2016 "The Changing Face of Head and Neck Cancer"
Greater Pittsburgh Chapter of the Oncology Nursing Society
- 2015 "Usability and Feasibility of Augmentative and Alternative
Communication Tools by Older Adults"
Postdoc to Postdoc Speaker Series
University of Pittsburgh Center for Doctoral and Postdoctoral Career
Development
- 2010 Research on Aging Roundtables
University of Pittsburgh, School of Nursing
- 2006 Doctoral Student Recruitment Dinner
University of Pittsburgh, School of Nursing

Journal Reviewer

- 2017 Cancer
2015 Geriatric Nursing
2015 Journal of Palliative Care
2014 – Research in Gerontological Nursing (Review Panel)
2014 Critical Care Nurse
2013 American Journal of Critical Care

TEACHING EXPERIENCE AND TRAINING

Guest Lecturer

- 2008 – 2015 University of Pittsburgh, School of Nursing
"Family Caregiving Issues in Late Life"
NURNP 2518: Family Theory for NPS: Principles, Implications, and
Application across the Life Span (Graduate Program) Spring 2016, Spring
2017
- "Considerations of the Acutely Ill Older Adults"
NURNP 2100: Management of Adult Episodic/Chronic Health Problems
in Acute Care Theory (Graduate program) Spring 2015, Spring 2016,
December 2016, Spring 2017
- "Video Data in Clinical Research"
NUR 3022: Qualitative Research Methods (PhD program) Fall 2012, Fall
2013, Fall 2014, Fall 2015, Fall 2016

“Urinary Continence in Older Adults”
NUR 1054: Nursing Care of Older Adults (Undergraduate program)
Spring 2011, Spring 2012

“Genitourinary System”
NUR 2004: Pathophysiology Across the Lifespan (Graduate program)
Spring 2008, Summer 2008, Fall 2008

Primary Instructor

2016 University of Pittsburgh, Center for Urban and Social Research (Graduate Program)
GERON 2007: Caregiving in Aging

Teaching Assistant

January – April 2010 University of Pittsburgh, School of Nursing
Nursing Care of Older Adults
Lectures presented: Urinary Continence, Comprehensive Assessment of Critically Ill Older Adults
Practicum Activities: Revise/create exam questions for lectures given, review/grade a small subset of student assignments, proctor exams, and observe clinical groups at two different sites.

Training

2015 – 2016 Center for Integrating Research, Teaching and Learning (Pitt-CIRTL)
University of Pittsburgh, Role: Member
2014 Swanson Effective Teaching Institute 2-day Seminar
University of Pittsburgh, Swanson School of Engineering

SERVICE

2012 – Mentor, Undergraduate Research Mentorship Program
University of Pittsburgh, School of Nursing
2009 – Gerontological Nursing Research Interest Group
University of Pittsburgh, School of Nursing
Group Leader (2015-2017)
2009 – Sigma Theta Tau International, Eta Chapter
President (2011-2013), President-Elect (2010-2011)
2005 – 2013 Doctoral Student Nursing Organization
University of Pittsburgh, School of Nursing
President (2008-2010), Vice President (2007-2008),
Secretary (2006-2007)