

Curriculum Vitae

Melissa D. Harlan, DNP, RN, ACNS-BC

Business Address: 3500 Victoria Street
336 Victoria Building
Pittsburgh, PA 15261

E-Mail Address: MDH71@pitt.edu

Business Phone: (412) 648-4547

Business Fax: (412) 383-7227

Education and Training

Undergraduate

2002 – 2006	Allegheny College Meadville, PA	BS	Biology <i>Magna Cum Laude</i>
2007 – 2008	West Virginia University School of Nursing Morgantown, WV	BSN	Nursing <i>Magna Cum Laude</i>

Graduate

2011 – 2014	University of Pittsburgh School of Nursing Pittsburgh, PA	MSN	Clinical Nurse Specialist Adult Health <i>Sigma Cum Laude</i>
2017 – 2018	University of Pittsburgh School of Nursing Pittsburgh, PA	DNP	Clinical Nurse Specialist Adult Gerontology <i>Sigma Cum Laude</i>

Appointments and Positions

Academic

2019 – Present	University of Pittsburgh School of Nursing Pittsburgh, PA	Assistant Professor Acute and Tertiary Care
2017 – 2018	University of Pittsburgh School of Nursing Pittsburgh, PA	Teaching Fellow RN Options Program, Nazarbayev University, Kazakhstan

2015 – 2017	University of Pittsburgh School of Nursing Pittsburgh, PA	Clinical Instructor Acute and Tertiary Care
-------------	--	--

Non-Academic

2014 – 2015	South America Mission Santa Cruz, Bolivia	Community Health Nurse Educator
-------------	--	------------------------------------

2009 – 2014	Allegheny General Hospital Pittsburgh, PA	Staff Nurse
-------------	--	-------------

Licensure and Certification

2009 – Present	American Heart Association	BLS Provider
2009 – Present	RN-602385-L	Pennsylvania
2014 – Present	American Nurses Credentialing Center	Adult Health Clinical Nurse Specialist Certification
2015 – Present	CNS-000223-L	Pennsylvania
2015 – Present	RN-278403-L (inactive)	North Carolina
2015 – Present	CNS-334-L (inactive)	North Carolina
2015 – 2017	RN-0001259721-L (expired)	Virginia
2015 – 2017	CNS-0015001014 (expired)	Virginia
2019 – 2020	American Psychiatric Nurses Association	Medication Assisted Treatment

Membership in Professional and Scientific Societies

2005 – Present	<i>Beta Beta Beta</i> Honors Society
2006 – 2007	Community Service Coordinator
2006 – Present	<i>Phi Beta Kappa</i> Honors Society
2017 – Present	Sigma Theta Tau International, Eta Chapter
2019 – Present	Board of Directors
2019 – 2021	Counselor
2021 – Present	Leadership Succession Committee Member

2018 – Present	International Nurses’ Association
2019 – Present	National Association of Clinical Nurse Specialists
2023 – Present	Professional Development Committee Member

Honors

2004	Gilman International Scholarship
2008	Kairos International Scholarship
2011	Pennsylvania House of Representatives Nurse Alliance Continuing Education Day Honoree

Other Scholarly Activities

Manuscript Reviewer

2019 - Present	American Nurses’ Association: American Nurse Today Journal
2022 - Present	Western Journal of Nursing Research

Abstract Reviewer

2020 - Present	Sigma Theta Tau International Eta Chapter Scholars’ Night
2021 - Present	National Council of Clinical Nurse Specialists Annual Conference

Grant Reviewer

2023 - Present	University of Pittsburgh School of Nursing Teaching as Research Award
----------------	---

Scholarship Reviewer

2019; 2023	Sigma Theta Tau International Eta Chapter Undergraduate Student Scholarships
------------	--

Research

Role: Core Teaching Faculty 2023
American Medical Association 2023 Student BP Measurement Module Implementation Grant
Program for Medical, Nursing, and Medical Assistant Programs
Pitt BEAT (Bridging Education and Team-Based Care) for Blood Pressure Measurement
Award: \$20,000

Role: Principal Investigator 2022
Distinguished Clinical Scholar Award

Development and Implementation of a Mentoring Program for Nursing Students and Graduate Nurses

Award: \$31,808

Role: Principal Investigator

2019

Jane Eleanor Knox Research as Teaching Award

Title: Use of Cognitive Rehearsal to Increase Self-Efficacy in Nursing Students Caring for Aggressive Patients

Award: \$3,998.00

Role: Principal Investigator

2018

Sigma Theta Tau International Eta Chapter Quality Improvement Award

Title: A Quality Improvement Initiative to Identify Barriers to Adherence to an Evidence Based Bundle for Central Line Maintenance

Award: \$2,500.00

Publications

1. **Harlan, M.D.**, Rosenzweig, M.Q., & Hoffman, R.L. (2021). Preferred Teaching/Learning Strategies for Graduate Nursing Students in Web-Enhanced Courses. *Dimensions of Critical Care Nursing*, 40(3), 149-155. doi: 10.1097/DCC.0000000000000469
2. **Harlan, M.D.**, Beach, M., & Blazeck, A. (2021). Preparing ABSN Students for Early Entry and Success in the Clinical Setting: Flipping Both Class and Skills Lab with the Socratic Method. *International Journal of Nursing Education and Scholarship*, 18(1). <https://doi.org/10.1515/ijnes-2021-0044>
3. Matone, E., Verosky, D., Siedsma, M., O’Kane, E.N., Ren, D., **Harlan, M.**, & Tuite, P.K. (2021). A Comfort Measures Only Checklist for Critical Care Providers: Impact on Satisfaction and Symptom Management. *Clinical Nurse Specialist: The Journal for Advanced Nursing Practice*, 35(6), 303-313. doi: 10.1097/NUR.0000000000000633.
4. Pajerski, D.M., **Harlan, M.D.**, Ren, D., & Tuite, P.K. (2022). A Clinical Nurse Specialist Led Initiative to Reduce Catheter Associated Urinary Tract Infection Rates Using a Best Practice Guideline. *Clinical Nurse Specialist: The Journal for Advanced Nursing Practice*, (36)1, 20-28. doi: 10.1097/NUR.0000000000000643
5. Anderson, M., Kelly, L.R., Lauderman, C., Bench, J.R., Miller, S. & **Harlan, M.D.** (2022). Using Sharable Electronic Databases to Develop Nursing Case Studies to Simulate Clinical Experiences. *Nurse Educator*, 00(0), 1-2. doi: 10.1097/NNE.0000000000001157
6. **Harlan, M.D.**, Kennell, J.S., Lucas, W., Ren, D., & Tuite, P.K. (2022). A Clinical Nurse Specialist-Led Quality Improvement Initiative to Identify Barriers to Adherence to a Bundle for Central Line Maintenance. *Clinical Nurse Specialist: The Journal for Advanced Nursing Practice*, 36(2), 99-108. doi: 10.1097/NUR.0000000000000657

7. **Harlan, M.D.**, Bench, V., Hudack, C., Fennimore, L., Sherwood, P., Ren, D., & Kelly, L., (2023, July). Using Teaching Videos to Improve Nursing Students' Self-Efficacy in Managing Patient Aggression. *Journal of Nursing Education*, 62(7), 423-426. doi: 10.3928/01484834-20230509-06
8. McCromley, K., George, Elisabeth L., **Harlan, M.** (2023, October). TUMBLE to Reduce Falls After Intensive Care Unit Stay. *Journal of Nursing Care Quality*. doi: 10.1097/NCQ.0000000000000751

Publications In Press

1. Miller, S. & **Harlan, M.D.** (In Press). Lyme Carditis Diagnosis, Management and Prevention: A Clinical Case Report. *American Nurse Journal*.

Unpublished Presentations

National

1. **Harlan, M.D.**, Tuite, P.K., Kennell, J.L., Lucas, W., Choi, J.Y., & Chin, V. (2020, March). *Reducing Central Line-Associated Bloodstream Infections by Increasing Nurses' Adherence to Bundles for Central Line Maintenance* [Podium]. National Association of Clinical Nurse Specialists Annual Conference. Indianapolis, IN.
2. Pajerski, D., **Harlan, M.D.**, Ren, D. & Tuite, P. (2020, March). *Reducing Catheter Associated Urinary Tract Infection Rates Using A Best Practice Guideline: A Quality Improvement Project* [Poster]. National Association of Clinical Nurse Specialists Annual Conference. Indianapolis, IN.
3. Hudack, C., **Harlan, M.D.**, Bench, V., Fennimore, L., Sherwood, P., Ren, D., & Kelly L.K. (2022, April). *Use of Cognitive Rehearsal to Increase Self-Efficacy in Nursing Students Caring for Aggressive Patients*. [Podium]. National Council on Undergraduate Research. Gaitherberg, MD.
4. Harlan, M.D. Bench, V.R., Hudack, C. Fennimore, L., Sherwood, P., Ren, D., & Kelly, L. (2023, April). *Teaching Videos to Prepare Nursing Students to Care for Aggressive Patients*. [Podium]. National League for Nursing: National Education Research Conference. Washington, D.C.

Regional

1. Lucas, W., Kennell, J.S. & **Harlan, M.D.** (2018, May). *The Central and Peripheral Line Care Bundle 2.0*. [Poster]. University of Pittsburgh Medical Center System-Wide Recipe for Success: Evidence-Based Practice Conference. Pittsburgh, PA.

2. **Harlan, M.D.,** Tuite, P.K., Kennell, J.S., Lucas, W., Choi, J.Y., & Chin, V. (2019, March). *A Quality Improvement Initiative to Identify Barriers to Adherence to Evidence-Based Bundles for Central Line Maintenance*. [Podium]. Sigma Theta Tau International Eta Chapter Scholars' Night. Pittsburgh, PA.
3. **Harlan, M.D.,** Tuite P.K., Kennell, J.S., Lucas, W., Choi, J.Y., & Chin, V. (2019, March). *A Quality Improvement Initiative to Identify Barriers to Adherence to Evidence-Based Bundles for Central Line Maintenance*. [Poster]. Sigma Theta Tau International Eta Chapter Scholars' Night. Pittsburgh, PA.
4. **Harlan, M.D.,** Tuite, P.K., Kennell, J.S., Lucas, W., Choi, J.Y., & Chin, V. (2019, October). *Reducing Central Line-Associated Bloodstream Infections by Increasing Nurses' Adherence to Bundles for Central Line Maintenance*. [Podium]. Washington Regional Nursing Research Consortium. Washington, D.C.

Other Presentations

1. **Harlan, M.D.** (2013, April). *Health Workshop 1: Basic Health Knowledge*. Camino Global Community Health Education Seminar. [Podium]. Ixtapaluca, Mexico.
2. **Harlan, M.D.** (2013, April). *Health Workshop 2: Nutrition and Exercise*. Camino Global Community Health Education Seminar. [Podium]. Ixtapaluca, Mexico.
3. **Harlan, M.D.** (2013, April). *Health Workshop 3: Basic First Aid*. Camino Global Community Health Education Seminar. [Podium]. Ixtapaluca, Mexico.
4. **Harlan, M.D.,** O, Loughlin, V., Skrovanek, E., Torgerson, S., Perpetua, Z., Hudack, C., & Sherwood, P. (2022, November). *Development and Implementation of a Mentoring Program for Nursing Students and Graduate Nurses*. West Penn Hospital Professional Development Fair. [Poster]. Pittsburgh, PA.
5. **Harlan, M.D.,** O, Loughlin, V., Skrovanek, E., Torgerson, S., Perpetua, Z., Hudack, C. & Sherwood, P. (2023, May). *Development and Implementation of a Mentoring Program for Nursing Students and Graduate Nurses*. West Penn Hospital Professional Development Fair. [Poster]. Pittsburgh, PA.

Teaching**Primary Teacher**

Term / Years	Course Number & Title	No. of Students	Level	Didactic or Clinical
Fall/3 Years	NUR 0090 Foundations of Nursing Practice I Clinical	187	Sophomore	Clinical
Spring/3 Years	NUR 0092 Nursing Management of Acute and Chronic Health Problems Clinical	179	Sophomore	Clinical

Instructor

Term / Years	Course Number & Title	No. of Students	Level	Didactic or Clinical
Fall/2 Years	NUR 0080c Foundations of Nursing Practice I	8	Sophomore	Clinical
Spring/3 Years	NUR 0082c Nursing Management of Acute and Chronic Health Problems Clinical	8-16	Sophomore	Clinical
Fall/2 Years	NUR 0090: Foundations of Nursing Practice I	8-28	Sophomore	Clinical
Spring/3 Years	NUR 0092 Nursing Management of Acute and Chronic Health Problems Clinical	8-16	Sophomore	Clinical
Fall/3 Years	NUR 1282c Adult Acute and Chronic Health Problems Clinical	7-8	Sophomore	Clinical
Spring/1 Year	NUR 1020 Advanced Nursing Management of Acute and Chronic Health Problems Clinical	8	Junior	Clinical
Summer/1 Year	NUR 1020 Advanced Nursing Management of Acute and Chronic Health Problems Clinical	7	Junior	Clinical
Spring/1 Year	NUR 1061 Independent Study	1	Senior	Didactic
Fall/1 Year	NUR 1120c Advanced Nursing Management of Acute and Chronic Health Problems Clinical	8	Junior	Clinical
Summer/1 Year	NUR 1120c Advanced Nursing Management of Acute and Chronic Health Problems Clinical	7	Junior	Clinical
Summer/2 Year2	NUR 1121c Advanced Clinical Problem Solving Clinical	6	Senior	Clinical
Fall/2	NUR 1134c Transitions into Professional	5-6	Senior	Clinical

Years	Nursing Practice Clinical			
Spring/1 Year	NURCNS 3039 DNP CNS Role Practicum	1	Graduate	Clinical

Lecturer / Guest Lecturer

Term/Years	Course Number & Title	No. of Students	Level	Topic of Lecture
Fall/1 Year	NUR 0001 First Year Seminar	25	Freshman	Expert panelist for discussion about advanced practice nursing
Summer/1 Year	NUR 0020 Pathophysiologic Foundations of Nursing Care	1	BSN	Alterations in GI Function
Fall/2 Years	NUR 0020 Pathophysiologic Foundations of Nursing Care	188	BSN	Alterations in GI Function
Summer/1 Year	NUR 0020 Pathophysiologic Foundations of Nursing Care	1	BSN	Diabetes
Fall/2 Years	NUR 0020 Pathophysiologic Foundations of Nursing Care	188	BSN	Diabetes
Fall/2 Years	NUR 0051 Introduction to Professional Nursing	90	Freshmen	Cost, Quality and Access to Health Care Around the Globe
Fall/1 Year	NUR 0051 Introduction to Professional Nursing	50	Freshmen	Global Health: Nursing in South America and Haiti
Fall/2 Years	NUR 0082c Nursing Management of Acute and Chronic Health Problems	30	Sophomore	Management of the Patient with Upper GI Disorders
Spring/1 Year	NUR 0082c Nursing Management of Acute and Chronic Health Problems	16	Sophomore	Management of the Patient with Upper GI Disorders
Fall/5 Years	NUR 1121 Advanced Clinical Problem Solving	90	Senior	Organ Transplantation
Spring/3 Years	NUR 1121 Advanced Clinical Problem Solving	90	Senior	Organ Transplantation
Summer/4 Years	NUR 1121 Advanced Clinical Problem Solving	30	Senior	Organ Transplantation

Spring/2 Years	NUR 1281 Foundations of Nursing Practice 1	25	Sophomore	Designing Quality Improvement Initiatives
Fall/1 Year	NUR 1990 Senior Seminar	10	Senior	Designing Quality Improvement Initiatives
Spring/4 Years	NUR 1990 Senior Seminar	20	Senior	Designing Quality Improvement Initiatives
Summer/1 Year	NUR 1990 Senior Seminar	6	Senior	Designing Quality Improvement Initiatives

Mentorship

Undergraduate Nursing Projects

Student	Project Title	Committee status member/ chair	Years inclusive	Professional trajectory (current position)
Alissa Yen	Development and Implementation of a Mentoring Program for Nursing Students and Graduate Nurses	Mentor	8 months	Undergraduate Research Mentorship Program Student, BSN Program
Christoph Hudak	Development and Implementation of a Mentoring Program for Nursing Students and Graduate Nurses	Mentor	1	Undergraduate Research Mentorship Program Student, BSN Program
Christoph Hudak	Use of Cognitive Rehearsal to Increase Self-Efficacy in Nursing Students Caring for Aggressive Patients	Mentor	3	Undergraduate Research Mentorship Program Student, BSN Program
Valerie Chin	A Quality Improvement Initiative to Identify Barriers to Adherence to an Evidence-Based Bundle for Central Line Maintenance	Mentor	1	Undergraduate Research Mentorship Program Student, BSN Program

Doctor of Nursing Practice Projects

Student	DNP Project Title	Committee Status	Years	Professional Trajectory
Megan Douglas	Implementation of Nursing & Provider Education on Severe Hyperglycemia to Increase Notification of Blood Glucose >300 mg/dL and Decrease Subsequent Duration of Blood Glucose >180 mg/dL	Committee Member	2023	CNS
Jessica Lazzeri	The Impact of a Customized De-escalation Training Program on the Management of Workplace Violence in Obstetrics	Committee Member	2022 – 2023	HSEL
Dina Schnurman	Decreasing CLABSI Rates on Inpatient Pediatric Units	Committee Member	2022 – 2023	HSEL
Zachary Perpetua	Improving Staff Nurse Advancement and Growth Through a Professional Mentorship Program	Committee Member	2021 – 2023	HSEL
Emily Matone	End-of-life Care Discussions in the ICU: Examining the Addition of a Transition to Comfort Measures Only Guide for Critical Care Providers	Committee Member	2020 – 2021	CNS
Elisa Laird	A Culturally Tailored Educational Intervention to Improve Diabetes Management Among Hispanic Adults	Committee Member	2019 – 2020	CNS
Dawn Pajerski	Reducing Catheter Associated Urinary Tract Infection Rates Using a Best Practice Guideline	Committee Member	2018 – 2020	CNS

Service**Community Activities**

2017 – 2019	Casa San Jose Translator for Hispanic immigrants seeking medical and legal services
2017 – 2019	Reach Across Home furnishing donations coordinator for Somalian Refugees

International Activities

2010	Project MediShare, Port Au Prince, Haiti Charge Nurse - Managed emergency department and medical surgical unit Staff Nurse - Managed care of 30 surgical and trauma earthquake victims
------	--

SON Committees

2019 – Present	BSN Council
2020 – Present	Back-Up Chair
2019 – Present	DNP Council
2022 – Present	Evaluation and Steering Committee, DNP Council Representative