

Curriculum Vitae

November 2017

Name: Michael Beach, DNP, ACNP-BC, PNP

Business Address: University of Pittsburgh
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Education

Undergraduate

1971 - 1975 University of Steubenville BA Psychology
Steubenville, OH 1975

1992 - 1995 University of Steubenville BSN Nursing
Steubenville, OH 1995

Graduate

1999 - 2001 University of Pittsburgh MSN Acute Care Nurse
Pittsburgh, PA 2001 Practitioner (ACNP)

Postgraduate

2001 - 2002 University of Pittsburgh MSN Pediatric Nurse
Pittsburgh, PA 2002 Practitioner (PNP)

2006 - 2009 University of Pittsburgh DNP
Pittsburgh, PA 2009

Appointments and Positions

Academic

2004 - present University of Pittsburgh Assistant Professor
Acute/Tertiary Care Department
Pittsburgh, PA
Trauma and Emergency Preparedness / ACNP Program

2010 - present Program Coordinator Accelerated BSN Program
University of Pittsburgh School of Nursing
Pittsburgh, PA

2002 - 2004 University of Pittsburgh Adjunct Faculty
Pittsburgh, PA Preceptor

2010 - 2011 Chatham University Preceptor
Pittsburgh, PA

2002 - 2004 Duquesne University Adjunct Faculty
Pittsburgh, PA Preceptor

2003 - 2004	Carlow University Pittsburgh, PA	Preceptor
1995 - 1996	University of Steubenville Steubenville, PA	Clinical Instructor Medical-Surgical Nursing
<u>Non-Academic</u>		
2014 –present	Trinity Medical Center West Steubenville, OH	Emergency Dept. CRNP
2009-present	Department of Health and Human Services CRNP Disaster Response Pennsylvania – Disaster Medical Assistance Team, Pittsburgh, PA. Deployed Haiti, 2010, Hurricane Sandy 2012, State of the Union Address 2016, Hurricane Matthew 2016	
2005 – 2009	Emergency Medicine Association of Pittsburgh Pittsburgh, PA	Emergency Dept. CRNP
2002 - 2004	University of Pittsburgh Medical Center Preoperative Evaluation Pittsburgh, PA	Lead CRNP
2001 - 2013	Canonsburg General Hospital Canonsburg, PA	Emergency Dept CRNP
2001 - 2002	Work Care/Workman’s Compensation Canonsburg, PA	CRNP
2001 - 2002	PhyAmerica/Ohio Valley General Hospital McKees Rocks, PA	Emergency Dept. CRNP
1995 - 2001	Trinity Medical Center West Steubenville, OH	Emergency Dept Staff Nurse
1996 - 1999	Trinity Medical Center West Steubenville, OH	EMS Liaison

Licensure and Certification

1995 – present	Ohio RN (reactivated 2014)	RN258355
2001 – present	Ohio CRNP (reactivated 2014)	COA 06674-NP
1995 - present	Pennsylvania	RN342536L
2001 - present	CRNP Licensure VP007013M ACNP SP008614 PNP	Pennsylvania Pennsylvania
2001 - present	Board Certification 0361072-28 ACNP	ANCC
2001 - present	Prescriptive Authority Trinity Medical Center	Emergency Dept.
2007 - present	DEA Registration Number	
Certifications include:	ACLS	

PALS
Search and Rescue Technician/Instructor
Technical Rescue Technician/Instructor
No-Code Amateur Radio License
PADI Advanced Open Water Certification
PADI Rescue Diver

Membership in Professional and Scientific Societies

2016 – present	Society for the advancement of Disaster Nursing
2016 – present	American Academy of Nurses
2014 – present	American Nurses Association
2008 – present	MIAMI Group, simulation practice and research group Michael S. Gordon Center for Research in Medical Education University of Miami Miller School of Medicine
2006 - present	Society of Critical Care Medicine
2006 – present	National Organization of Nurse Practitioner Faculty Member of National Curriculum Committee
2004 – 2016	Board Member, US-SARR Search and Rescue Organization Rogers, OH
1996 - 2001 & 2004 - present	Emergency Nurses Association

Honors

2016	Fellow American Academy of Nursing
2011	Finalist Nightingale Award
2010	Golden Key International, Honorary Member and key note induction speaker
2008	Distinguished Clinical Scholar, Faculty Practice Endowment, University of Pittsburgh School of Nursing
2000 – present	Sigma Theta Tau Nursing Honorary (Eta Chapter)
2005	Nominated Distinguished Faculty Service Award
2006	Nominated Nightingale Award
2008 - 2015	Faculty Associate Program

Publications

Books

1. **Beach, M.** Disaster Preparedness and Management, 2010 ISBN-13: 9780803621749, F.A. Davis, Philadelphia, PA

Chapters

1. **Beach, M.** Bernardo, L. (2012) Unique Needs of Children During Disasters and Other Public Health Emergencies, Chapter 15, Disaster Nursing and Emergency Preparedness for Chemical, Biological, and Radiological Terrorism and Other Hazards: 3rd Edition, Tener Goodwin-Veenema Editor
2. **Beach, M.** (2009) Hazardous Material and Nuclear Biological and Chemical Emergencies, Chapter 45, Emergency Nursing Association Pediatric Core Competencies.

Articles

1. Davis, Katherine, Suyama, Joseph, Lingler, Jennifer, **Beach, Michael**, The Development of an Evacuation Protocol for Patients with Ventricular Assist Devices During a Disaster. *Prehospital Disaster Medicine*. 2017;32(3):1-6
2. Devore, Jennifer, Clontz, Amy, Ren, Dianxu, Cairns, Leslie, **Beach, Michael**, Improving Patient Satisfaction with Better Pain Management in Hospitalized Patients. *Journal for Nurse Practitioners*. January 2017 Vol 13, Issue 1, Pages e23-e27
3. Georgino MM1, Kress T, Alexander S, **Beach M**, Emergency Preparedness Education for Nurses: Core Competency Familiarity Measured Utilizing an Adapted Emergency Preparedness Information Questionnaire. *J Trauma Nurs*. 2015 Sep-Oct;22(5):240-8; quiz E1-2. doi: 10.1097/JTN.000000000000148.
4. Marino J1, Bucher D, **Beach M**, Yegneswaran B, Cooper B, Implementation of an Intensive Care Unit Delirium Protocol: An Interdisciplinary Quality Improvement Project. *Dimens Crit Care Nurs*. 2015 Sep-Oct;34(5):273-84. doi: 10.1097/DCC.000000000000130.
5. Zelenikova, R, **Beach, M** Ren, D Wolff, E Sherwood, P (2014) Faculty Perception of the Effectiveness of EBP Courses for Graduate Nursing Students *Worldviews of Evidence Based Nursing Sigma Theta Tau International*
6. Zelenikova, R, **Beach, M** Ren, D Wolff, E Sherwood, P (2014) Graduate nursing students' evaluation of EBP courses *Nurse Education Today*
7. **Beach, M.** (2010) Influenza: Seasonal, Avian, and Pandemic online Emergency Nurse Orientation Module, *Emergency Nurses Association*.
8. **Beach, M.** (2010) Communicable Diseases online Emergency Nurse Orientation Module, *Emergency Nurses Association*.
9. **Beach, M.** (2010) Disaster Preparedness online Emergency Nurse Orientation Module, *Emergency Nurses Association*.
10. Rosenzweig M, Hravnak M, Magdic K, **Beach M**, Clifton M, Arnold R. (2008) Patient communication simulation laboratory for students in the acute care nurse practitioner program. *American Journal of Critical Care*, 17(4), 364-372.
11. Alexander, S. A., **Beach, M.** (2008). Genes and Acute Neurologic Disease and Injury: A Primer for the Neurologic Intensive Care Nurse, *Crit Care Nurs Clin N Am* 20, 203–212
13. **Beach, M.** (2007). Volunteer Search and Rescue and The American Red Cross: A Katrina Response Experience, *Journal of Professional Nursing special publication on world poverty*, Online Publication.

14. Bernardo, L., **Beach, M.**, Mitchell, A., and Zoldos, K. (2006). Disaster Preparedness at the University of Pittsburgh School of Nursing: Four Years of Progress, *Disaster Management & Response*, July-September.
15. Jeffries PR, **Beach M**, Decker SI, Dlugasch L, Groom J, Settles J, O'Donnell JM. Multi-center development and testing of a simulation-based cardiovascular assessment curriculum for advanced practice nurses. *Nursing education perspectives*. 32(5):316-22. PubMed PMID:22029244.
16. Hravnak M, **Beach M**, Tuite P. Simulator technology as a tool for education in cardiac care. *The Journal of cardiovascular nursing*. 22(1):16-24. PubMed PMID:17224693.

Other Scholarly Activities

Helene Fuld Foundation Scholarship Grant 2014 through 2017, 2nd Degree Students
 PI, Three year grant totaling \$650,000, half endowed, half scholarships

RWJF New Careers in Nursing Scholarship Grant 2014, 2nd Degree Students
 PI, 5 Scholarships \$50,000

RWJF New Careers in Nursing Scholarship Grant 2011, 2nd Degree Students
 PI, 10 Scholarships \$100,000

RWJF New Careers in Nursing Scholarship Grant 2010, 2nd Degree Students
 PI, 6 Scholarships \$60,000

Mastery Learning of Cardiopulmonary Assessment Skills by Advanced Practice Nursing Students Using Simulation Technology Grounded in Deliberate Practice: A Multi-Institutional Study, 2010, Miami Group

Mastery Learning of Cardiopulmonary Assessment Skills by Prelicensure Nurses Using Simulation Technology Grounded in Deliberate Practice: A Multi-Institutional Study, 2011, Miami Group

ACNP Faculty

HRSA, Division of Nursing D09 HP03322-04
Advanced Nurse Training: Trauma Emergency Preparedness
 (2004, July - 2007, June) 40% effort
 Direct costs: \$629,270

Manuscript Reviewer

1. 2012, Ready RN: Radiological Incidents and Emergencies, Elsevier MC Strategies
2. 2012, Ready RN: Restoring Public Health, Elsevier MC Strategies
3. 2012, Ready RN: Surveillance Systems for Bioterrorism, Elsevier MC Strategies
4. 2007, LeMone Burke, Medical-Surgical Nursing, Prentice Hall
5. 2006, Nursing Board Review Course, Kaplan

Case Review

1. Daniel and Jaime Kleckner, negligence
2. Estate of Leonal Galeanp, wrongful death
3. Butler v. Kunkle
4. McCartney vs. Aultman
5. Tillery vs. CHOP

Unpublished Presentations

International

1. **Beach, M.** (2014, March) Disaster Preparedness and Response in the United States, Shanghai Critical Care Nurses Association, Shanghai, China
2. **Beach, M.** (2014, March) MOOC Preparation and Presentation, Fudan University Nursing Faculty, Fudan University, Shanghai, China
3. Hravnak, M, **Beach, M.** (2014, March 1st through March 27th) Critical Care Nursing, Clinical Nurse Specialist Education, Fudan University, Shanghai, China
4. **Beach, M.** (January/February, 2014) Disaster Preparedness, 6 Week Coursera MOOC Presentation, 3000 Students
5. **Beach, M.** (2013, October) Disaster Preparedness and Response in the United States, Japan ACLS Association, Kanazawa, Japan
6. **Beach, M.** (2013, October) Disaster Preparedness and Response in the United States and Personal Experiences, Toyama Prefecture Central Hospital, Toyama, Japan
7. **Beach, M.** (September/October, 2013) Disaster Preparedness, 6 Week Coursera MOOC Presentation, 29,000 Students
8. **Beach, M.** (2012, March) Concerns in Critical Airway Management, Shanghai Critical Care Nurses Association, Shanghai, China
9. **Beach, M.** (2012, March) Disaster Studies at the University of Pittsburgh School of Nursing, Fudan University Nursing Faculty, Fudan University School of Nursing, Fudan University, Shanghai, China
10. Hravnak, M, **Beach, M.** (2012, Feb. 27th through March 16th) Critical Care Nursing, Clinical Nurse Specialist Education, Fudan University, Shanghai, China

National

1. Haines, J., **Beach, M.**, Blazeck, A. *Innovative Strategies for Second Degree Success A Socratic Hybrid for Success*. Poster presentation, American Association Colleges of Nursing, Orlando, FL
2. **Beach, M.** (2009, April) *The Effect of Disaster Education on the Nurse Practitioner's Knowledge and therefore Confidence and Willingness to Participate in the Disaster Continuum*. Podium Presentation, National Organization of Nurse Practitioner Faculty, Annual Conference, Portland, OR.
3. **Beach, M.** (2009, February) *Disaster Preparedness and Response: Implications for Nurse Practitioner Education*. Podium presentation, American Association of Colleges of Nursing, Master's Conference, Orlando, FL.

4. **Beach, M.** (2008, April) *Utilizing Live Streaming Video in Graduate Education*. Poster presentation, National Organization of Nurse Practitioner Faculty, Annual Conference, Louisville, KY.
5. **Beach, M.** (2007, February) *Manmade and Natural Disaster Education*. Podium presentation, American Association of Colleges of Nursing, Master's Conference, Albuquerque, NW.
6. **Beach, M.** (2007, April) *Disaster Education, New Territory for Nurse Practitioner Education*. Podium Presentation, National Organization of Nurse Practitioner Faculty, Annual Conference, Denver, CO.

Regional/Local

1. **Beach, M.** (2014, May) Personal Disaster Preparation, Attitude and Awareness. Alliance for Response Pittsburgh, Pittsburgh Archivist Society, Pittsburgh, PA
2. **Beach, M.** (2014, January) MOOC Preparation and Presentation, University of Pittsburgh School of Pharmacy, University of Pittsburgh, Pittsburgh, PA
3. **Beach, M.** (2013, December) Nursing Disaster Education, Shadyside School of Nursing, Pittsburgh, PA
4. **Beach, M.** (2012, April) Triage in the Disaster Setting. Allegheny County Health Department, Preparedness Training
5. **Beach, M.** (2012, Feb.) Nurse Practitioner Experiences Responding to the Haiti Earthquake of 2010. Southwest Pennsylvania Nurse Practitioners Association
6. O'Donnell JM, Decker S., Obeso V., Groom J., Jeffries PR., Suarez-O'Connor ME., Caballaro S., Orangio AK., Vazzano J., Keenan C., **Beach M.**, Duglasch L., McKay M. (2011, April) Teaching Cardiopulmonary Assessment to Prelicensure Nurses Using a Simulation – based Deliberate Practice Curriculum. Sigma Theta Tau Scholars Night. Pittsburgh, PA.
7. O'Donnell JM, Decker S., Obeso V., Groom J., Jeffries PR., Suarez-O'Connor ME., Caballaro S., Orangio AK., Vazzano J., Keenan C., **Beach M.**, Duglasch L., McKay M. (2011, April) Teaching Cardiopulmonary Assessment to Prelicensure Nurses Using a Simulation – based Deliberate Practice Curriculum. Elite Dissemination Workshop 2010. Pittsburgh, PA.
8. Haines, J., **Beach M.**, Blazeck, A. (2010). Innovative Strategies for Second Degree Success A Socratic Hybrid for Success University of Pittsburgh School of Nursing. Presented at AACN BSN Conference.
9. **Beach, M.** (2010, November) *International Volunteering Experiences*. Breakout podium presentation, Student Nurses of Pennsylvania, Lancaster, PA.
10. **Beach, M.** (2009, March) *Anatomy of a Search*. Break out podium presentation, EMS Update Emergency Medical Service Institute, Seven Springs, Pennsylvania, Break out.
11. **Beach, M.** (2008, November) *Personal Preparedness, Attitude and Awareness*. Podium presentation, Founders day Celebration, Sigma Theta Tau, Eta Chapter, University of Pittsburgh School of Nursing, Pittsburgh, PA.
12. **Beach, M.** (2006, May) *Disaster Preparedness – Is there Evidence we are more Prepared*. Break out podium presentation, Horizons Conference, University of Pittsburgh School of Nursing, Pittsburgh, PA.
13. **Beach, M.** (2006, May) *Bioterrorism and Disaster Preparedness*. Podium presentation, Region 6 Pennsylvania State Nurses Association, Pittsburgh, PA.

14. **Beach, M.** (2008, March) *Search and Rescue Basics*. Break out podium presentation, EMS Update Emergency Medical Service Institute, Seven Springs, Pennsylvania, Break out.

Service

Community

2016-present	American Academy of Nursing, Emerging Infectious Disease Working Group
2016-present	Society for the Advancement of Disaster Nursing SADN
2010 – present	PA-1 Disaster Medical Assistance Team (DMAT) Deployed to Haiti Earthquake Jan/ Feb 2010 Chosen for Mobile Acute Care Strike Team, training pending Deployed to New Jersey after Hurricane Sandy Deployed team for State of the Union Address 2016 Deployed to Hurricane Matthew, Melbourne, FL
2007 – 2008	National Organization of Nurse Practitioner Faculty, Curriculum Committee
2006 – 2007	Region 13 Disaster Medical Response
1991 – present	Medical officer US SARR, Volunteer search and rescue
2005	Disaster response Hurricane Katrina, American Red Cross and US SARR
2005	International Coalition for Nursing Education in Mass Casualty Care Educational Competencies Committee