Kelly L. Wiltse Nicely, PhD, CRNA

BUSINESS ADDRESS

University of Pennsylvania School of Nursing 418 Curie Blvd.
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EDUCATION

Doctor of Philosophy in Nursing
Center for Health Outcomes and Policy Research
University of Pennsylvania, Philadelphia, PA

2007-2010

- Dissertation Title: Associations between Surgical Volume and Nursing Organization in Patient Outcomes after Abdominal Aortic Aneurysm Repair
- T32 NR07104 (National Institute of Nursing Research, NIH)
 "Advanced Training in Nursing Outcomes Research", Chair: Linda H. Aiken, PhD, FAAN, FRCN, RN

Master of Science in Nursing Minor in Nursing Research Nurse Anesthesia University of Pittsburgh, Pittsburgh, PA 2003-2005

Bachelor of Science in Nursing Magna cum laude

1997-2001

University of Pennsylvania, Philadelphia, PA

PROFESSIONAL EXPERIENCE

Assistant Professor of Nurse Anesthesia University of Pennsylvania Philadelphia, PA September 1, 2010 - Present

• Fulfill tri-fold mission of scholarship, education and clinical practice, in addition to engaging in service activities both within the University and in the community.

- Serve as Program Director for the Penn Nurse Anesthesia program
- Conduct interdisciplinary research
- Maintain an active nurse anesthesia clinical practice at Penn Presbyterian Medical Center
- Serve as the nurse scientist for Penn Presbyterian Medical Center

Graduate Student Researcher

2003-2004

University of Pittsburgh Pittsburgh, PA

• Assisted Dr. Catherine Bender, PhD, RN, FAAN in writing an R series grant, IRB application and informed consent for a NIH study. Screened potential participants for study enrollment and verified data prior to statistical analysis.

Research Assistant 2001

Department of General Internal Medicine, University of Pennsylvania Philadelphia, PA

- Screened patients at the Philadelphia Veterans Administration Medical Center and area Philadelphia clinics regarding medical literacy and patient satisfaction.
- Conducted interviews at multiple Philadelphia clinics regarding the use of complementary and alternative medical therapies.

ACADEMIC POSITIONS

Guest Lecturer 2009

University of Pennsylvania, School of Nursing Philadelphia, PA

- Evidence-Based Practice for Nurse Anesthetists I, "Research Methodologies" (N746; Graduate level course)
- Principles of Nurse Anesthesia Practice I, "Airway Management" (N617; Graduate level course)
- Introduction to Nursing, "Nurse Anesthesia" (N50; Undergraduate level course)

Clinical Coordinator 2006-2007

University of Pennsylvania Nurse Anesthesia Program Philadelphia, PA

- Coordinated clinical assignments for anesthesia students with hospital operating schedules and provided continuous feedback to students regarding clinical performance and future expectations.
- Served to educate nurse anesthesia students in the operating room suite at Penn Presbyterian Medical Center.

CLINICAL POSITIONS

Nurse Scientist July 2014-Present

Penn Presbyterian Medical Center Philadelphia, PA

- Serve as a mentor, resource and guide to nurses interested in engaged in clinical research projects.
- Plan and implement nursing led research in keeping with Magnet re-designation guidelines.
- Assist in preparing Magnet re-designation application

Certified Registered Nurse Anesthetist

January 2006 – Present

Penn Presbyterian Medical Center Philadelphia, PA

- Provide comprehensive anesthesia care in a collaborative team environment for both inpatient and outpatient surgery.
- Deliver high quality, safe anesthesia care to patient undergoing going cardiac surgery as a member of this specialty service.

Registered Nurse 2005

Intelistaf Healthcare Pittsburgh, PA

• Provided comprehensive nursing care for immediate post-operative and intensive care patients at a variety of hospitals throughout the greater Pittsburgh area.

Registered Nurse 2001-2003

Surgical Intensive Care Unit, Hospital of the University of Pennsylvania Philadelphia, PA

• Provided care for post-operative patients in the cardiothoracic surgical intensive care unit at a Level I trauma center with a robust cardiothoracic surgery program.

CERTIFICATION/LICENSURE

Certified Registered Nurse Anesthetist awarded by the American Association of Nurse Anesthetists, 2006 – Present

Registered Nurse, Pennsylvania, 2001- Present

Basic Life Support, 2001 - Present

Advance Cardiac Life Support, 2001 – Present

Pediatric Advanced Life Support, 2001 – Present

HONORS/AWARDS/MEMBERSHIPS IN HONORARY SOCIETIES

• Recipient of the Dean's Award for Exemplary Professional Practice for excellence in clinical or professional practice and the integration of practice to

- scholarship and teaching, 2013
- Nominated by the American Association of Nurse Anesthetists for the Robert Wood Johnson Foundation Young Leaders Award, 2012
- Agatha Hodgins Award Recipient, University of Pittsburgh School of Nursing, 2005
- Pennsylvania Association of Nurse Anesthetists Student of the Year Award Recipient, 2005
- Joyce E. Kelly Scholarship Recipient from the American Association of Nurse Anesthetists, 2005
- S. Rudolph Light Medical Education Scholarship Recipient from the Kalamazoo Foundation, 2004
- Professional Nurse Traineeship from the University of Pittsburgh School of Nursing, 2003-2005
- Graduate Studies Scholarship from the American Association of Critical Care Nursing, 2003
- Sigma Theta Tau, Xi Chapter Research award for research and interventions related to exercise anorexia and bulimia at Ivy League Universities, 2001
- University of Pennsylvania Award of Special Recognition, 2001

RESEARCH

Doctoral Dissertation

"Associations between Surgical Volume and Nursing Organization in Patient Outcomes after Abdominal Aortic Aneurysm Repair" (June 13, 2010)

Dissertations available from ProQuest. http://repository.upenn.edu/dissertations. Advisor: Linda H. Aiken

Dissertation support was received from the National Institutes of Health, National Institute of Nursing Research Training Grant in Nursing Outcomes, T32 NR07104

Past/Present Funded Research Grants

An Econometric Analysis of the Impact of Anesthesia Delivery Models in California

Principal Investigator (with Co-PI Fairman, J.A.); 20% effort American Association of Nurse Anesthetists Foundation \$212,990

2013-2015 Expanding Access to Health Care by Removing APRN Practice Barriers: Lessons from Pennsylvania

Principal Investigator (with Co-PI Brooks Carthon, J.M.); 15% effort Robert Wood Johnson Foundation, Interdisciplinary Nursing Quality Research Initiative

\$250,000

2013-2014 Anesthesia Delivery Models and Best Practices
Principal Investigator (with Co-PI Fairman, J.A.); 15% effort
American Association of Nurse Anesthetists Foundation

\$87,549

2013-2014 AANA Foundation Closed Claims

Collaborator

2011-2012 Comparative Effectiveness of Patient Sedation for Identification of Polyps

During Colonoscopy

Principal Investigator; 50% effort

National Institutes of Health, National Cancer Institute (J. Metlay, PI)

2012-Present Identifying Beliefs about and Barriers to Interprofessional Education of

Students: Perspectives of Academic Medical Center Faculty Members

Collaborator

Northeast Group on Educational Affairs, American Association of

Medical Colleges (PIs: Colson, Miller, Meyers, Warner)

2012-Present Collaborator for research project examining the influence of physician and

nurse interactions in cardiothoracic intensive care units and the association

with patient outcomes. (PI: Fall-Lane)

PUBLICATIONS

Journal Articles

*Indicates data-based publication

*Wiltse Nicely, K.L., Sloane, D.M., & Aiken, L.H. (2013). Lower mortality for abdominal aortic aneurysm repair in high volume hospitals is contingent upon nurse staffing. *Health Services Research*, 48(3), 972-991.

Abstracts

*Indicates data-based publication

*Colson, E., Schaeffer, P., Warner, M., Miller, R., Wiltse Nicely, K.L., Corcoran, A., et al. (2014). What academic medical center faculties think about interprofessional education of healthcare professional students: A needs assessment for curriculum development. Accepted for presentation at: All Together Better Health Meeting; 2014 June; Pittsburgh, PA.

* Lane-Fall, M.B., He, X., Wiltse Nicely, K.L., Fleisher, L.A., Neuman, M.D. (2013). Physician and nurse staffing patterns in Pennsylvania cardiac surgery intensive care units.

Accepted for presentation at: Society of Critical Care Anesthesiologists Annual Meeting; 2013 Oct 11; San Francisco, CA.

*Dunn, R., Sullivan, M., Fracol, M., Gayraud, L., Shay, P., Morgan, B., . . . <u>Wiltse Nicely, K.L.</u> (2013). Readiness for interprofessional education differs between nursing and medical students. *Accepted for presentation at: American Association of Medical Colleges – Research in Medical Education*, 2013 Nov; Philadelphia, PA.

*Schaeffer, P., Myers, J.S., Miller, R.K., Corcoran, A., <u>Wiltse Nicely, K.L.</u>, Hafler, J., . . Colson, E.R. (2013). Faculty perspectives about facilitators and barriers to interprofessional education of healthcare students. *Accepted for presentation at: American Association of Medical Colleges – Research in Medical Education.*

*Sullivan, M., Dunn, R., Fracol, M., Gayraud, L., Morgan, B., Shay, P., . . . Corcoran, A. (2013). Student perceptions of the need for interprofessional education. *Accepted for presentation - American Association of Medical Colleges – Research in Medical Education*.

Books

Wiltse Nicely, K. L., & Macksey, L. F. (2013). *Certified Registered Nurse Anesthetist Board Exam Review Guide*. Sudbury, MA: Jones and Bartlett Publishing.

Book Chapters

<u>Wiltse Nicely, K. L.</u> (2011). Thoracic Surgery. In L. F. Macksey (Ed.), *Surgical procedures and anesthetic complications* (515-540). Sudbury, MA: Jones and Bartlett Publishing.

Guest Editorials

<u>Wiltse Nicely, K.L.,</u> & Fairman, J.A. (2014). Postgraduate nurse practitioner residency programs: Supporting transition to practice. *Academic Medicine*, doi: 10.1097/ACM.000000000000567

Wiltse Nicely, K.L., & Lynn, R.R. (2012). Unanticipated dispositions after ambulatory surgery: an important topic with multiple factors. *Journal of Clinical Anesthesia*, 24(2), 87-88.

CONSULTATIONS

 Gearon, C. J. (2007). America's best graduate schools: Doctors in demand. U.S. News and World Report (2007 Ed.), 32-33. Personal interview with nurse anesthetist Kelly Wiltse, MSN, CRNA.

- Hartman, M. (2007, Nov/Dec). Exploring career options: Advanced practice nurse Kelly Wiltse, Certified Registered Nurse Anesthetest. *Imagine*, *15*(2), 34-35.
- American Association of Nurse Anesthetists Task Force for Faculty Recruitment and Retention, 2005
- American Association of Colleges of Nursing and the American Association of Nurse Anesthetists Doctorate of Nursing Practice Summit Meeting, 2005

RECENT LECTURES BY INVITATION, SPEECHES AND WORKSHOPS

International

 Wiltse Nicely, K.L. (May 2014). What Academic Medical Center Faculties Think about Interprofessional Education of Healthcare Professional Students: A Needs Assessment for Curriculum Development. Institute of Medicine Global Forum on Innovation in Health Professional Education.

National

- Wiltse Nicely, K. L. (March 2014). Anesthesia Considerations for Transcatheter Aortic Valve Replacement. Texas Association of Nurse Anesthetists.
- Wiltse Nicely, K. L. (March 2014). Institute of Global Forum on Innovation in Health Professional Education and Anesthesia Engagement in the Future. Texas Association of Nurse Anesthetists.
- Wiltse Nicely, K. L. (July 2013). Health Outcomes Research in Cancer Care and Anesthesia Services. MD Anderson Cancer Center Grand Rounds.
- Wiltse Nicely, K. L. (June, 2011). Lower Mortality for Aortic Aneurysm Repair in High Volume Hospitals is Contingent upon Nurse Staffing. Academy Health National Health Policy Conference.
- Wiltse, K. (February, 2009). A Road Less Traveled. American Association of Nurse Anesthetists, Assembly of School Faculty.
- Wiltse, K. (August, 2005). Professional Issues in Nurse Anesthesia. American Association of Nurse Anesthetists, National Meeting.

Regional

 Wiltse Nicely, K. L. (May 3, 2013). Comparison of Colonoscopy Outcomes under Anesthesia versus Conscious Sedation. Pennsylvania Association of Nurse Anesthetists Spring Symposium.

- Wiltse Nicely, K. L. (May 3, 2013). Pharmaceutical shortages How, Why, and What to do about it. Pennsylvania Association of Nurse Anesthetists Spring Symposium.
- Wiltse Nicely, K. L. (March, 2012). Evidence Based Nursing Practice and Patient Outcomes. Penn Presbyterian Medical Center National Nurse Certification Event.
- Wiltse Nicely, K.L. (December, 2011). Transforming Nurse Anesthesia Education and Professional Practice. York College of Pennsylvania First Friday Forum Keynote Speaker.
- Wiltse Nicely, K. L. (November, 2011). Surgical Preparation: The Perfect Storm. Penn Presbyterian Medical Center Annual Perioperative Nurses Conference.

University

- Course Director
 - Hillman Clinical Scholars, University of Pennsylvania School of Nursing, Philadelphia, PA. 2012
 - Nurse Anesthesia Residency I, University of Pennsylvania School of Nursing, Philadelphia, PA. 2011-2012
 - Principles of Nurse Anesthesia Practice IV, University of Pennsylvania School of Nursing, Philadelphia, PA. 2011.
- Invited Guest Lecturer, University of Pennsylvania School of Nursing
 - Wiltse Nicely, K. L. (2013). Grantsmanship and Manuscript Evolution.
 Proseminar in Health Outcomes, N821.
 - Wiltse Nicely, K. L. (2013). Pain Management Evidence Based Practice for Interdisciplinary Health Care Providers. Pain Science and Practice, N536.
 - o Wiltse Nicely, K. L. (2012). Post-Anesthesia Implications for the Acute Care Nurse Practitioner. Principles of Acute Care III, N763.
 - Wiltse Nicely, K. L. (2012). Hematology and Anesthesia Practice. Applied Science Related to Anesthesia, N682.
 - Wiltse Nicely, K. L. (2011 & 2012). Professional Aspects of Nurse Anesthesia Practice. Principles of Nurse Anesthesia Practice IV, N620.
 - Wiltse Nicely, K. L. (2011). Regional Anesthesia Modalities for Chronic Pain Management. Current Topics in Pain, N536.

- Wiltse Nicely, K. L. (2011). Re-Evaluating the Volumes-Outcomes Relationship: The Interaction between Surgical Volume and the Nurse Practice Environment. Proseminar in Health Outcomes, N821.
- Wiltse Nicely, K. L. (2010 2012). Airway Management. Principles of Nurse Anesthesia Practice I, N617.
- Wiltse Nicely, K. L. (2011 & 2012). Nurse Anesthesia. Introduction to Nursing, N101.

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

National

- AcademyHealth, 2007 Present
- American Association of Nurse Anesthetists, 2003 Present
 - Member of Programs Committee, Appointed Position, 2006 2007 &
 2012 Present
 - Member Ad Hoc AANA Foundation Research Panel, Appointed Position, 2007-2008
 - Member of Associate Member Involvement Ad Hoc Committee, Appointed Position, 2005 – 2006
 - Student Representative to the AANA Education Committee, Elected Position, 2004 - 2005
- Sigma Theta Tau, International Honor Society of Nursing, Xi Chapter
 - o Member, 2001 Present
 - o Newsletter Editor, 2009 2012

State

- Pennsylvania Association of Nurse Anesthetists, 2003 Present
 - o President, Elected Position, 2010 2012
 - o Board of Trustees, Elected Position, 2006 2010
 - o Chairwoman, Practice Committee, 2008 2010
 - o Chairwoman, Student Activities Committee, 2006 2008
 - o Co-Chairwoman, Programs Committee, 2007 2008
 - o Committee Member, Student Activities Committee, 2006 2010

SELECTED PROFESSIONAL ACTIVITIES

• 2012-2015: Representative to the Institute of Medicine Forum for Global Interdisciplinary Health Care Education and Best Practices

- 2012 Nursing Leader Representative from the American Association of Nurse Anesthetists to the Joining Forces Initiative for Nurses
- 2011 Present: Editorial Board, International Student Journal of Nurse Anesthesia

SERVICE ACTIVITIES

Hospital

 2012: Penn Presbyterian Medical Center American Nurses Credentialing Center Magnet Appraisal participant in the review session for Community Forum and Nursing Community Partners

University

• 2012: Co-Faculty Advisor for the Student Healthcare Alliance at Penn (SHAPE)

School of Nursing

- 2013: Chair of the Ad Hoc Committee for the Nurse Anesthesia DNP Curriculum for the University of Pennsylvania School of Nursing
- 2012: Chair of the Doctoral Studies Taskforce for the University of Pennsylvania School of Nursing
- 2012: University of Pennsylvania School of Nursing Judge for Game Solutions in Health Care
- 2011 2012: University of Pennsylvania School of Nursing Preceptor Appreciation Planning Committee
- 2011 Present: Planning committee for Hillman Scholars Clinical Course
- 2011 Present: PhD Curriculum Committee, University of Pennsylvania School of Nursing
- 2011 Present: Masters Curriculum Committee, University of Pennsylvania School of Nursing
- 2010 Present: Member of the University of Pennsylvania School of Nursing, Nurse Anesthesia Advisory Group
- 2009: Didactic and clinical educator for the University of Pennsylvania School of Nursing Summer Mentorship Program, 2008

MENTORED PROFESIONALS

2014	Hughes, A. (2014). Left retromastoid craniectomy and microvascular decompression of the facial nerve. <i>International Student Journal of Nurse Anesthesia</i> . Accepted for publication. Mentored by Wiltse Nicely, K.L.
2014	Panakkal, A. (2014). Perioperative hematoma formation following supraorbital craniotomy. <i>International Student Journal of Nurse Anesthesia</i> . Accepted for publication. Mentored by Wiltse Nicely, K.L.
2014	O'Donnell, A. (2014). Anesthetic implications of Kartagener's Syndrome. <i>International Student Journal of Nurse Anesthesia</i> , <i>13</i> (3), 19-22. Mentored by Wiltse Nicely, K.L.
2014	Simons, M. (2014). Occupational exposure to ethylene oxide and pseudocholinesterase. <i>International Student Journal of Nurse Anesthesia</i> , 13(2) 33-36. Mentored by Wiltse Nicely, K.L.
2014-Present	Danielle Calin-Helm, Masters of Science in Nursing (Anesthesia), University of Pennsylvania School of Nursing, Faculty Mentor
2014-Present	Jessica Grevesen, Masters of Science in Nursing (Anesthesia), University of Pennsylvania School of Nursing, Faculty Mentor
2014-Present	Marjorie Israelite, Masters of Science in Nursing (Anesthesia), University of Pennsylvania School of Nursing, Faculty Mentor
2014-Present	Patrick O'Dunne, Masters of Science in Nursing (Anesthesia), University of Pennsylvania School of Nursing, Faculty Mentor
2014-Present	David Weihrauch, Masters of Science in Nursing (Anesthesia), University of Pennsylvania School of Nursing, Faculty Mentor
2014-Present	Alan Zamora, Masters of Science in Nursing (Anesthesia), University of Pennsylvania School of Nursing, Faculty Mentor
2014	Mary Blackwell, Undergraduate Student, University of Pennsylvania School of Nursing, Senior Inquiry Advisor
2014	Katie Creran, Undergraduate Student, University of Pennsylvania School of Nursing, Senior Inquiry Advisor
2014	Emily Rubin, Undergraduate Student, University of Pennsylvania School of Nursing, Senior Inquiry Advisor
2013-Present	Lori Winner, PhD Candidate, University of Pennsylvania School of Nursing, Doctoral Advisor

2013-2014	Jill Vanak, PhD Candidate, University of Pennsylvania School of Nursing, Dissertation Committee Member
2013-Present	Sandra Jost, PhD Candidate, University of Pennsylvania School of Nursing, Dissertation Committee Member
2013	Lanzilotti, J. (2013). Analgesia for chronic pain in a patient undergoing orchiectomy. <i>International Student Journal of Nurse Anesthesia</i> , 12(1), 56-59. Mentored by Wiltse Nicely, K.L.
2013	O'Kane, E. (2013). Partial versus open sternotomy for aortic valve replacement. <i>International Student Journal of Nurse Anesthesia</i> , <i>12</i> (1), 59-62. Mentored by Wiltse Nicely, K.L.
2013	Bridget Ercole, Undergraduate Student, University of Pennsylvania School of Nursing, Senior Inquiry Advisor
2013	Jacqueline LaQuaglia, Undergraduate Student, University of Pennsylvania School of Nursing, Senior Inquiry Advisor
2013-Present	Michael Hoess, Masters of Science in Nursing (Anesthesia), University of Pennsylvania School of Nursing, Faculty Mentor
2013-Present	Leanne Mader, Masters of Science in Nursing (Anesthesia), University of Pennsylvania School of Nursing, Faculty Mentor
2013-Present	Meredith Mooney-Levin, Masters of Science in Nursing (Anesthesia), University of Pennsylvania School of Nursing, Faculty Mentor
2012-2014	Karen Blanchette, BS/PhD Candidate, University of Pennsylvania School of Nursing, Doctoral Advisor
2012	Chenjuan Ma, PhD Candidate, University of Pennsylvania School of Nursing, Dissertation Proposal and Defense Reader
2012	Sunny Hallowell, PhD Candidate, University of Pennsylvania School of Nursing, Dissertation Proposal Reader
2012-Present	Lisa Kohr, PhD Candidate, University of Pennsylvania School of Nursing, Dissertation Proposal Reader
2012	Zolnowski, M. (2012). Pain management in a patient undergoing a tonsillectomy. <i>International Student Journal of Nurse Anesthesia</i> , 11(1), 37-40. Mentored by Wiltse Nicely, K.L.

2012	Jane Alexander, Undergraduate Student, University of Pennsylvania School of Nursing, Senior Inquiry Advisor
2012	Amber Stark, Undergraduate Student, University of Pennsylvania School of Nursing, Senior Inquiry Advisor
2012-2014	Molly Gerety, Masters of Science in Nursing (Anesthesia), University of Pennsylvania School of Nursing, Faculty Mentor
2012-2014	Sarah Lancos, Masters of Science in Nursing (Anesthesia), University of Pennsylvania School of Nursing, Faculty Mentor
2012-2014	Eleanor Mullen, Masters of Science in Nursing (Anesthesia), University of Pennsylvania School of Nursing, Faculty Mentor
2012-2014	Kevin Swan, Masters of Science in Nursing (Anesthesia), University of Pennsylvania School of Nursing, Faculty Mentor
2012-2013	Ryan Ramlow, Second Degree Undergraduate Student, University of Pennsylvania School of Nursing, Senior Inquiry Advisor
2012-Present	Kathleen Dahlmeier, Undergraduate Student, University of Pennsylvania School of Nursing, Faculty Advisor
2011-2012	Yekaterina Dreyzin, Second Degree BSN Submatriculant to Nurse Anesthesia, University of Pennsylvania School of Nursing, Faculty Advisor and Senior Inquiry Advisor
2011-Present	Yelena Livshits, Second Degree BSN Submatriculant to Nurse Anesthesia, University of Pennsylvania School of Nursing, Faculty Advisor
2011	Allen, J.L. (2011). Airway assessment in Down syndrome patients. <i>International Student Journal of Nurse Anesthesia</i> , 10(3), 25-27. Mentored by Wiltse Nicely, K.L.
2011	Tamara Yang, Undergraduate Student, University of Pennsylvania School of Nursing, Senior Inquiry Advisor
2011	Jessica Ketchum, Graduate Student, University of Pittsburgh School of Nursing, Research Practicum Advisor
2011	Ashleigh Sullivan, Graduate Student, University of Pittsburgh School of Nursing, Research Practicum Advisor
2011-2014	Natalie Ball, Undergraduate Student, University of Pennsylvania School of Nursing, Faculty Advisor

2011-Present	Mikaela Kislevitz, Undergraduate Student, University of Pennsylvania School of Nursing, Faculty Advisor
2011-2013	Kyle Ozimkiewicz, Undergraduate Student, University of Pennsylvania School of Nursing, Faculty Advisor
2010-2013	Sarah Bell, Undergraduate Student, University of Pennsylvania School of Nursing, Faculty Advisor
2010-2014	Vanessa Di Maria, Undergraduate Student, University of Pennsylvania School of Nursing, Faculty Advisor