**CURRICULUM VITAE**

Barbara Birriel, PhD, ACNP-BC, CRNP, FCCM

**PERSONAL\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Present Titles

Assistant Research Professor

Acute Care Nurse Practitioner

Address

Home: 180 Reeser Road

Camp Hill, PA 17011

Phone

Cell: 717-395-2480

Home: 717-737-3814

**EDUCATION\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

The Pennsylvania State University

University Park, PA

PhD in Nursing and Bioethics

August 2017

University of Pennsylvania

Philadelphia, PA

Post-Master’s Adult Critical Care Nurse Practitioner

August 1997

Thomas Jefferson University

Philadelphia, PA

Master of Science in Nursing, Critical Care/Trauma

June 1993

Bloomsburg University

Bloomsburg, PA

Bachelor of Science in Nursing

May 1981

**APPOINTMENTS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Present

The Pennsylvania State University

College of Nursing, Hershey, PA

Assistant Research Professor

2011 – present

Acute Care Nurse Practitioner program

Clinical appointment – Acute Care Nurse Practitioner, Heart and Vascular

Intensive Care Unit at Hershey Medical Center

Past

Heritage Cardiology Associates

Nurse Practitoner - cardiology

2004-2011

Holy Spirit Hospital

Pinnacle Health Hospitals

Select Specialty Hospitals (LTACH)

Health South Specialty Hospital (LTACH)

Health South Rehabilitation

General and interventional cardiology, office and inpatient care, research

Shaffer Cardiovascular Associates

Nurse Practitioner – cardiac, thoracic, and vascular surgery

1997-2004

Holy Spirit Hospital

Pinnacle Health Hospitals

Office and inpatient care

Holy Spirit Hospital

Cardiac Surgery Nurse Educator

2001-2002

Hospital staff education (ICU and telemetry nurses, nurse assistants, physicians, respiratory therapists, pharmacists) for development of new cardiac surgery program

Polyclinic Medical Center

Clinical Nurse Specialist, Cardiovascular Intensive Care Unit

1992-1997

Clinical practice, patient case management, clinical staff education, critical care course instructor, ECG course instructor

Staff Nurse, Cardiovascular Intensive Care Unit

1989-1992

Staff Nurse, Telemetry Unit

1988-1989

Assistant Head Nurse, Intermediate Care Unit/Telemetry Unit

1985-1988

Staff Nurse, Intermediate Care Unit

1984-1985

Staff Nurse, medical-surgical

1981-1984

**COMMITTEE ACTIVITIES\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Present Committees

Penn State College of Nursing Nurse Practitioner Options Committee

Penn State College of Nursing DNP Council

Penn State College of Nursing PhD Council

Penn State College of Nursing Assessment Committee 2017 - 2018

Penn State College of Nursing Graduate Affairs Committee

Penn State Health Hershey Medical Center Nursing Research and EBP Council

Past Committees

Penn State College of Nursing MS Options Committee

Penn State College of Nursing Strategic Planning Task Force

Penn State College of Nursing Awards/Scholarship Committee

Penn State Hershey Palliative Care Black Belt Project

Holy Spirit Hospital

Institutional Review Board

Specified Professional Personnel Oversight Committee –Co-chair

Responsible for nurse practitioner, nurse anesthetist, nurse midwife, and physician assistant practice

Shaffer Cardiovascular Associates

HIPAA/Compliance Officer

Coding and billing committee, chair

Pinnacle Health Hospitals

Critical Care Policy and Procedure Committee, chair

**SPECIALTY AND SUBSPECIALTY CERTIFICATION\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Acute Care Nurse Practitioner, American Nurses Credentialing Center, 1997-present

Elective Certifications

Present

FCCS Instructor

ACLS Provider

BLS Provider

Past

ACLS Instructor

BLS Instructor

Certificate in Online Teaching, The Pennsylvania State University, August 2013

**LICENSURE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Certified Registered Nurse Practitioner, Pennsylvania, 1997-present

Adult Critical Care

Prescriptive Authority, Pennsylvania, 2001-present

Registered Nurse, Pennsylvania, 1981-present

**PROFESSIONAL SOCIETY MEMBERSHIPS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Society of Critical Care Medicine 1997 – present

Pennsylvania Chapter 1997 – present

American Association of Critical Care Nurses 1986 – present

American Society for Bioethics and Humanities – 2013 – present

American College of Cardiology 2005 – present

Nurse Practitioners of Central Pennsylvania 1997 – present

Pennsylvania Coalition of Nurse Practitioners 1997 – present

American Association of Nurse Practitioners 1997 – present

American Nurses Association 1981 – present

Pennsylvania Nurses Association 1981 – present

National Organization of Nurse Practitioner Faculties 2011 – present

Eastern Nursing Research Society 2013 – present

Hospice and Palliative Nurses Association 2014 – present

American Heart Association 2014 – 2016

Council for the Advancement of Nursing Science 2014 – present

Heart Failure Society of America 2018 - present

**PROFESSIONAL SOCIETY ACTIVITIES\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Society of Critical Care Medicine

Congress Program Planning Committee 2016 – present

American College of Critical Care Medicine

Ethics Committee – 2013 - 2017

Patient and Family Support Committee 2013 – present

Chair – 2017 – 2018

Nursing Section

Chair – 2012 - 2014

Membership Subcommittee 2008 - 2011

Society Membership Committee 2009 – 2014; Chair, 2012 - 2013

Chapters and Affiliates Committee, Pennsylvania Chapter delegate 2001 – 2003, 2005 – 2016; Secretary 2013 – 2015; Vice-Chair 2015 – 2017; Chair 2017 – present

Admission, Discharge, and Triage Guidelines Task Force 2009 - 2017

Pennsylvania Chapter

President – 2013-2015

Vice-President – 2011- 2013

Secretary 2001 – 2003, 2006 - 2011

Education Committee 2001 – present, chair 2003 – 2004, 2015 - present

Nurse Practitioners of Central Pennsylvania

President -2010 – 2012

Vice-President – 2008 - 2010

Bylaws Committee 2008 - 2010

Scholarship Committee 2009 - 2011

Pennsylvania Nurses Association

District 15, Vice-president 2008 – 2010

**EDITORIAL AND REVIEW ACTIVITIES\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Challenges in Critical Care, Pennsylvania Chapter SCCM annual meeting –reviewed and judged abstracts and poster presentations for chapter research awards 2001 – 2017

Developed criteria for Pennsylvania Chapter SCCM In-Training Research Grant

**CONFERENCE PLANNING COMMITTEES\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Society of Critical Care Medicine Congress 2016 – present

Challenges in Critical Care 2011 – 2017

Focus on Pharmacology 2013 – 2014

**HONORS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Dr. Joseph and Rae Brown Award, Society of Critical Care Medicine, 2018

American Association of Critical-Care Nurses Continuing Professional Development Scholarship, 2017

Pennsylvania Chapter, Society of Critical Care Medicine In-Training Research Award, 2015

American Association of Critical-Care Nurses Continuing Professional Development Scholarship, 2014

Sigma Theta Tau – inducted 2013

Fellow, American College of Critical Care Medicine – inducted 2010

American Heart Association, Capitol Region, Board of Directors 2002 – 2006

**CLINICAL TRIAL EXPERIENCE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Sub-investigator or equivalent level involvement at local site for multiple cardiology studies – 2004 - 2011

**RESEARCH\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

July – September 2013 – participated as content expert in Moral Distress Tool validation; Judy Davidson, DNP, RN, FCCM

August 2013 – present: Doctoral Student/Research Associate, ‘Palliative Care Algorithms for Heart Failure Dyads’ (PATHS), Co-PIs Judith Hupcey, Lisa Kitko. (NIH/NINR 1RO1NR013419)

January 2014 – present: Research Associate, ‘Transitioning to the Terminal Phase of Heart Failure with an LVAD-DT in Place’, PI Lisa Kitko. (AHA/BGIA)

**BIBLIOGRAPHY**

**PUBLICATIONS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Kon, A. A., Shepard, E. K., Sederstrom, N. O., Swoboda, S. M., Marshall, M. F., Birriel, B., & Rincon, F. Defining Futile and Potentially Inappropriate Interventions: A Policy Statement From the Society of Critical Care Medicine Ethics Committee. Critical Care Medicine. 2016; 44(9):1769-1774.

Nates, J. L., Nunnally, M., Kleinpell, R., Blosser, S., Goldner, J., Birriel, B., Fowler, C. S., Byrun, D., Miles, W. G., Bailey, H., & Sprung, C. L. ICU Admission, Discharge, and Triage Guidelines: A Framework to Enhance Clinical Operations, Development of Institutional Policies, and Further Research. Critical Care Medicine. 2016; 44(8):1553-1602.

Alonso, W., Birriel, B., Kitko, L. A., & Hupcey, J. E. Response to letter to the editor: Time to integrate sexual function in the health-related quality of life of patients with left ventricular assist devices. Heart & Lung. 2016;45(3):294.

Kitko, L. A., Hupcey, J. E., Birriel, B., & Alonso, W. Patients' decision making process and expectations of a left ventricular assist device pre and post implantation.

Heart & Lung. 2016; 45(2):95-99.

Sederstrom, N., Sederstrom, C., Johnson, L., Birriel, B., & Crites, J. Exploring Ethics – A forbidden conversation. Critical Connections. 2015; April.

Birriel B. How does bioethics affect your nursing practice? ONS Connect. 2013;28(4):27.

Birriel B. Rapid identification of sepsis – The value of screening tools. Critical Connections. 2013; April.

**ABSTRACTS / POSTER PRESENTATIONS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Kitko, L., Hupcey, J. E., Birriel, B., Alonso, W. What’s Missing? LVAD Patient and Caregiver Experiences With End-of-Life Planning. Circulation 2016; 134:A14926

Birriel, B., Becker J, Green, L, Yealy C. Have a Heart! What Motivates Organ Donation. Critical Care Medicine 2014; 42(12):A1458

Poster at Society of Critical Care Medicine Congress 2015

Birriel B. Critical complications from CVID. Critical Care Medicine 2013; 41(12):1183

Poster at Society of Critical Care Medicine Congress 2014

Birriel B. Adenocarcinoma of the lung presenting with atrial fibrillation. Critical Care Medicine 2011;39(12):263

Poster at Society of Critical Care Medicine Congress 2012

Birriel B., Mathai J, Lewin S. Acute myocardial infarction and cardiac arrest following exercise stress testing. Critical Care Medicine 2008;36:A194

Poster at Society of Critical Care Medicine Congress 2009

**POSTER PRESENTATIONS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Ethics Theory and Clinical Ethics: Does the Ideal Inform the Real? Carol Carfang Nursing and Healthcare Ethics Conference, Clearwater, FL, February 2018.

Kitko, L., Hupcey, J.E., McGinnis, A., Alonso, W., Birriel, B. The role of palliative care in persons living with an LVAD-DT. American Academy of Nursing 2017 Transforming Health, Driving Policy Conference, Washington, D.C., October 5, 2017.

Surrogate Decision-Making in the Context of Critical Illness, The Pennsylvania State University Graduate Exhibition, March 2017.

Outcome Based Criteria for Initiation of Veno-Arterial Extracorporeal Membrane Oxygenation. Eastern Nursing Research Society, April 2013. Second place award, Early Doctoral Student.

**PRESENTATIONS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Principles of Surrogate Decision-Making During Critical Illness: Center on the Family. Presented at American Society for Bioethics and Humanities; Kansas City, MO. October 2017.

Family Surrogates in Critical Care: The Ethical Basis for Their Decisions. Presented at Eastern Nursing Research Society; Philadelphia, PA. March 2017

Nursing Research – The Diverse Roles of Nurses in the Process and Results. Presented at Nurses Matter, Pennsylvania State Nurses Association meeting; Tannersville, PA. December 2016

Potentially Inappropriate Treatment – Requests, Reasons, Responses. Presented at Pennsylvania Coalition of Nurse Practitioners; Pocono Manor, PA. November 2016

Critical Distance in Critical Care – Differentiating Primary and Specialty Bioethics. Presented at American Society for Bioethics and Humanities; Washington, DC. October 2016

End-of-Life Heart Failure: A Narrative Ethics Analysis of Potentially Inappropriate Treatments. Presented at American Society for Bioethics and Humanities; Washington, DC. October 2016

Surrogate Decision-Making in Critical Illness:  Bridging Scientific and Theoretical Literature. Presented at Eastern Nursing Research Society; Pittsburgh, PA. April 2016

Patient and Caregiver Expectations Determine Satisfaction Post LVAD. Presented at Eastern Nursing Research Society; Washington, DC. April 2015

Changing Life Expectations Post-LVAD. Presented at Beta Sigma Research Day (STTI); The Pennsylvania State University, State College, PA. April 2015

Current Issues in Healthcare: Bioethical Perspective. Presented at Pennsylvania Coalition of Nurse Practitioners conference; Pittsburgh, PA. November 2014

Complex Decision-Making: Left Ventricular Assist Devices – Caregivers’ Perspectives. Presented at Council for the Advancement of Nursing Science, State of the Science Congress on Nursing Research; Washington, DC. September 2014

Atrial Fibrillation: Management Across the Spectrum of Illness. Presented at Pennsylvania Coalition of Nurse Practitioners conference; Lancaster, PA. November 2013

Management of Severe Sepsis: Update from the Surviving Sepsis Campaign. Presented at Pennsylvania Coalition of Nurse Practitioners conference; Lancaster, PA. November 2013

**INVITED PRESENTATIONS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Difficult Family Members. Presented at Society of Critical Care Medicine Congress; San Antonio, TX. February 2018.

Family Surrogate Decision-Making. Presented at Society of Critical Care Medicine Congress; San Antonio, TX. February 2018.

Surrogate Decision-Making in the ICU. Presented at Challenges in Critical Care, Pennsylvania Chapter of Society of Critical Care Medicine; Hershey, PA. August 2017.

Surrogate Decision-Making in the Context of Critical Illness. Presented at Penn State Health Nursing Research and Evidence Based Practice Symposium; Hershey, PA. May 2017.

Sepsis 3 – The New Definitions and Clinical Implications. Presented at Challenges in Critical Care, Pennsylvania Chapter of Society of Critical Care Medicine; Hershey, PA. August 2016. And at Carlisle Regional Medical Center, Medical Staff Conferences Series, Carlisle, PA, October 2016.

Top 10 Inpatient Medications: What You Need to Know. Presented at Fifth Annual Focus on Pharmacology; Harrisburg, PA. April 2014.

Heart-to-Heart: Promoting Quality Care and Preventing Communication Breakdown. Presented at Dimensions in Heart and Vascular Care; Hershey, PA. October 2013.

Considerations in Adult ECMO. Presented at Challenges in Critical Care; Hershey, PA. August 2013.

Managing Hypertension: Pharmacology Updates. Presented at Millersville University, Nurse Practitioner Pharmacology Update 2012; Millersville, PA. June 2012.

Professional Organizations and Responsibilities. Presented at Widener University School of Nursing, Family Nurse Practitioner program; Harrisburg, PA. November 2011.

12-Lead ECG: Interpretation and Intervention. Presented at Penn State Hershey Medical Center 3rd Annual Making A Difference: A Medical-Surgical Nursing Conference; Harrisburg, PA. October 2011.