

# HEATHER M. ROSS, PhD, DNP, ANP-BC, CCDS, CEPS, FHRS, FAANP

[www.heathermrossdnp.com](http://www.heathermrossdnp.com) ♦ (480) 993-6081 ♦ [heather.m.ross@asu.edu](mailto:heather.m.ross@asu.edu)

---

## ACADEMIC APPOINTMENTS

---

ARIZONA STATE UNIVERSITY, SCHOOL FOR THE FUTURE OF INNOVATION IN SOCIETY, TEMPE, ARIZONA

*Clinical Assistant Professor (jointly appointed), August 2016 to present*

*Senior Sustainability Scientist, Global Institute of Sustainability, February 2018 to present*

*Research Scientist, Global Security Initiative, August 2016 to May 2018*

- Director, M.A. Applied Ethics and the Professions
- Courses taught include Politics, Markets, and Innovation
- Podcast Creator and Host, Future Out Loud (formerly futurethink)
- Faculty chair for Master's applied projects in Science and Technology Policy, Applied Ethics and the Professions, Global Technology and Development
- Committee member for Master's theses in Biomedical Engineering, Design
- Undergraduate honors thesis chair for students in Nursing, Economics, Biomedical Engineering
- Committee member for PhD students in Human and Social Dimensions of Science and Technology, Biology and Society, Environmental Engineering
- *School Committees:* Awards and Prizes  
*University Committees:* Limited Submission Review, ASU Sexual Violence Advisory Council, ARCS Fellowship Review

ARIZONA STATE UNIVERSITY, EDSON COLLEGE OF NURSING AND HEALTH INNOVATION, PHOENIX, ARIZONA

*Clinical Assistant Professor (jointly appointed), August 2016 to present*

*Instructor, DNP Program and Center for Sustainable Health, August 2013 to July 2016*

*Clinical Instructor, DNP Program, August 2012 to August 2013*

*Faculty Associate, DNP Program, January 2012 to August 2012*

- Course development and teaching for Doctor of Nursing Practice students
- Courses taught include Evidence-Based Practice Principles, Systems Thinking in a Complex Healthcare Environment (course coordinator), Healthcare Outcomes Management, Innovation in Communication and Information Systems (course coordinator), Healthcare Policy Innovation (course coordinator), Disability Technology Ethics and Policy, and Biomedical Device Design (interdisciplinary nursing-engineering)
- Faculty mentor/chair for evidence-based practice DNP student projects in cardiology, mental health, disability, primary care, rural, pediatric, and neonatology patient populations in developed and developing countries
- Additional graduate reading and conference courses: Health Literacy
- Steering Committee: Project Honeybee, Center for Sustainable Health. Identified and mentored graduate research assistants for observational clinical trials
- *College Committees:* DNP Project Advisory Council

BRANDMAN UNIVERSITY, SCHOOL OF NURSING AND HEALTH PROFESSIONS, IRVINE, CALIFORNIA

*Assistant Professor, Director of Post-Masters to DNP Program, June 2010 to December 2011*

- Course development and teaching for doctoral nursing students in a hybrid course delivery program
- Courses include Evidence-Based Thinking, Outcomes Management, DNP Role Transition, Nursing Theory for Advanced Practice, Doctoral Colloquium, DNP Dissertation, and Leading Through Innovation. Mentored doctoral students throughout coursework and capstone project completion
- Recruited and managed adjunct faculty in the Post-Masters to DNP program
- Completed Quality Matters online education evaluator training  
*School committees:* Curriculum Committee, Petitions Committee  
*University committees:* Academic Integrity Committee, Governance and Appeals Committee  
*Awards:* 2010-2011 Teacher of the Year: School of Nursing and Health Professions

GATEWAY COMMUNITY COLLEGE, PHOENIX, ARIZONA

*Adjunct Faculty, Clinical Research Coordinator Program, February 2007 to June 2008*

Constructed and taught online course *Clinical Evaluation of Medical Devices* to associates degree and certificate students in the clinical research coordinator program.

---

## CLINICAL EXPERIENCE

---

### ARIZONA ARRHYTHMIA CONSULTANTS, SCOTTSDALE, ARIZONA

*Nurse Practitioner, December 2008 to present*

Clinical care of patients with heart rhythm disorders. Includes comprehensive outpatient management of electrophysiology and implanted cardiac device issues, device interrogation and reprogramming, and remote patient monitoring. Conducted staff education for physician assistant, nursing, and technical support staff. Compiled critical case reports and observational data for clinical education and research. Co-Investigator on numerous industry-funded research protocols. Precepted clinical students.

### ARIZONA ARRHYTHMIA RESEARCH CENTER, SCOTTSDALE, ARIZONA

*Nurse Practitioner, August 2008 to November 2009*

Clinical care of patients enrolled in research trials and evaluation of potential study participants. Consented study subjects and managed all aspects of study coordination.

### ARIZONA CARDIOLOGY GROUP, PHOENIX, ARIZONA

*Nurse Practitioner, October 2007 to December 2008*

Outpatient care of patients with general cardiovascular disease, including comprehensive history and physical examination, disease management, patient education, and chart dictation.

### INDEPENDENT CONSULTANT, PARADISE VALLEY, ARIZONA

*Nurse Practitioner, Educator, Freelance Writer, September 2004 to present*

Contributing writer for TheHill.com, an online platform for US policy news and analysis (2014-present), providing op-ed content related to health policy. Freelance writer for DayPost, Inc. a subsidiary of the New York Times Company (2007-2008), providing health content to major consumer websites. Educator and lecturer for clinical and industry professionals about device-based and pharmacologic management of patients across the spectrum of heart rhythm disorders. Consulted to private projects developing and presenting curricula related to industry and clinical professional education.

### ST. JOSEPH'S HOSPITAL AND MEDICAL CENTER, PHOENIX, ARIZONA

*Nurse Practitioner and Program Coordinator, Adult Congenital Heart Center, February 2005 to July 2005*

Direct clinical patient management and coordination of inpatient and outpatient care, including comprehensive history and physical examination, patient education, and chart dictation. Initiated research program. Member of core team to develop business and marketing plan for new program.

### CARDIOVASCULAR ASSOCIATES OF SOUTHEASTERN PENNSYLVANIA, WYNNEWOOD, PENNSYLVANIA

*Nurse Practitioner, Mainline Arrhythmia & Cardiology Consultants, November 2002 to June 2004*

Inpatient and outpatient care, including comprehensive history and physical examination, device interrogation and reprogramming, patient education, chart dictation, and clinical research. Also participated in the outpatient care of patients in the heart failure and transplant program, including patients listed for transplant and post-transplant.

### HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PENNSYLVANIA

*Clinical Nurse Practitioner, Cardiac Electrophysiology, March 2001 to November 2002*

Supported two electrophysiologists primarily in a 7-physician section in inpatient and outpatient settings. Responsibilities included comprehensive history and physical examination, device interrogation and reprogramming, patient education, chart dictation, and clinical research.

### HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PENNSYLVANIA

*Staff Nurse, July 2000 to December 2000*

Medical telemetry unit specializing in the care of patients with cardiac disease and renal failure.

### JSI RESEARCH AND TRAINING INSTITUTE, INC., BOSTON, MASSACHUSETTS

*Staff Associate, April 1997 to August 1998*

Staff member in a public health consulting firm. Projects included grantwriting, research, focus groups, conference development, and federal grant management.

### CURRENT ASSETS L.L.C., BOSTON, MASSACHUSETTS

*Branch Administrator, June 1996 to April 1997*

## EDUCATION

---

ARIZONA STATE UNIVERSITY, SCHOOL FOR THE FUTURE OF INNOVATION IN SOCIETY, TEMPE, ARIZONA  
*Doctor of Philosophy, Human and Social Dimensions of Science and Technology, May 2016*

*Atrial Fibrillation Ablation: History, Practice and Innovation*

*NSF IGERT Fellowship, Alliance for Person-Centered Accessible Technologies, 2012-2013*

*Advisors: Edward J. Hackett, PhD, Daniel Sarewitz, PhD, J. Benjamin Hurlbut, PhD*

*Program Director: Clark A. Miller, PhD*

Major Fields: Innovation, Policy, and Sociotechnical Systems; Healthcare Practice

Minor Field: Social and Historical Studies of Biomedicine

Second year research: Ethnographic Study of Interdisciplinary Health Care Teams (IRB #1301008733)

Dissertation research: Social Construction of Innovations in the Treatment of Atrial Fibrillation (IRB # STUDY00000361)

Teaching Assistant to Michael M. Crow, PhD and Daniel Sarewitz, PhD: Science, Technology, and Public Affairs (Spring 2015, Spring 2016).

ARIZONA STATE UNIVERSITY, COLLEGE OF NURSING AND HEALTHCARE INNOVATION, PHOENIX, ARIZONA

*Doctor of Nursing Practice, May 2010*

*EBP Implementation Project: Therapeutic Hypothermia for Comatose Survivors of Cardiac Arrest*

*Faculty mentor: Katherine J. Kenny, DNP*

Coursework includes Innovation in Communication and Information Systems; Innovation and the

Individual; Biostatistics: Principals of Statistical Inference; Systems Thinking in a Complex

Environment; Health Policy; Evidence-Based Practice core series

BOSTON COLLEGE SCHOOL OF NURSING, CHESTNUT HILL, MASSACHUSETTS

*M.S. in Nursing, 2000 Passed oral comprehensive examination with distinction*

*Concentration in Adult Health, Accelerated Masters Entry into Nursing Program*

YALE UNIVERSITY, NEW HAVEN, CONNECTICUT

*B.A., Major in Religious Studies, 1996*

## LICENSE AND CERTIFICATION

---

Adult Nurse Practitioner with Prescriptive Authority, Registered Nurse, Arizona (2004 to present)

Adult Nurse Practitioner, American Nurses Credentialing Center (2000 to present)

Certified Electrophysiology Specialist – Allied Professional, International Board of Heart Rhythm Examiners (2004 to present)

Certified Cardiac Device Specialist – Allied Professional, International Board of Heart Rhythm Examiners (2005 to present)

Advanced Cardiac Life Support and Basic Life Support

## AWARDS

---

2017 – Fellow of the American Association of Nurse Practitioners (FAANP)

2016 – Outstanding Graduating Student, Spring 2016 – School for the Future of Innovation in Society, Arizona State University

2012-2013 – Interdisciplinary Graduate Education Research Traineeship Fellowship Award – National Science Foundation

2011 – Young Investigator Award – American Heart Association Resuscitation Science Symposium

2010-2011 – Teacher of the Year – Brandman University School of Nursing and Health Professions

2000 – Outstanding Student Manuscript Award – *MEDSURG Nursing*

PROFESSIONAL AND CIVIC MEMBERSHIPS AND VOLUNTEER SERVICE  
INTERNATIONAL

---

Heart Rhythm Society, Fellow (FHRS)  
Board of Trustees, 2014-2019  
Editorial Board, *Heart Rhythm Journal*, 2014  
Editorial Board, *Heart Rhythm Case Reports Journal*, 2014-present  
Co-Chair, Allied Health Professionals Task Force, 2013  
Vice-Chair, Member Relations Committee 2012-2014  
Course Director, Cardiac Rhythm Device Therapy Online Self Assessment for APs, 2008-13  
Governance Committee member 2011-2012  
Quality Improvement Subcommittee member 2010-2012  
Allied Professional Leadership Taskforce member 2010-2012  
Atrial Fibrillation Executive Taskforce member 2010-2011  
National Course Director, Allied Professional Regional Programs 2008-2011  
Web Education Subcommittee member 2007-2009, 2010-2011  
Education Committee member 2005-2010  
Chair, Allied Professional Subcommittee 2006-2010  
Strategic Planning Taskforce, 2008, 2013  
Patient and Caregivers Taskforce, 2009  
Heart Rhythm Highlights Working Group, 2016  
Audit Committee, 2019-2020  
Sigma Theta Tau, International Honors Society of Nursing  
Abstract and Grant reviewer 2010-present  
IEEE Society for the Social Implications of Technology

NATIONAL

---

American Association of Nurse Practitioners, Fellow (FAANP)  
Abstract and grant reviewer, 2017-present  
American Nurses Association  
Volunteer Mentor, 2018-present  
American College of Cardiology  
Cardiac Care Associates charter member  
Emerging Advocates Team, 2015-2016  
Partners in Quality Subcommittee, 2015-2017  
Cardiovascular Team Advocacy Working Group, 2014-present  
Chair, CV Team Advocacy Committee, 2017-present  
American Association for the Advancement of Science  
Society for the Social Studies of Science

STATE

---

Arizona ADL (Anti-Defamation League)  
Board of Directors, 2017-present  
Arizona Center for Law in the Public Interest  
Board of Directors, 2018-present  
City of Phoenix Women's Commission, Appointed Commissioner, 2018-2021  
Arizona State Nurses Association  
Legislative Nurse Ambassador, 2018-present  
Democratic Candidate for U.S. Congress, AZ-6, 2018  
Arizona Democratic Party, Elected Precinct Committeeperson, 2018-present  
Arizona State Party Delegate, 2018-present  
Foothills Democrats  
Board of Directors, 2018-present

## RESEARCH

### FUNDED

---

- SolarSPELL Health. PI: Ross. Institute for the Future of Innovation in Society seed grant (7/1/19-6/30/20).
- Human Intention Recognition in Low Gravity Environments. PI: Ben Amor. Interplanetary Initiative university grant (9/1/17-8/31/18).
- Real-World Validation of a Novel Multisensor Wearable for Heart Failure. Co-PI: Ross, La Belle, Buman. Project HoneyBee university grant (9/1/17-8/31/18).
- Sociometers in Outpatient Clinical Settings: Pilot Study. PI: Ross, Co-I: Parker. Institute for Social Science Research Seed Grant (6/1/17-12/31/17).
- Validating Force-Sensing Mouthguards Against Expert Concussion Analysis to Guide Removal from Play in Collegiate Athletics. PI: Ross. Project HoneyBee university grant (9/1/16-8/31/18).
- Expand Development on Ambulatory Medial Wearable Device that Captures Three Biosignals for Patients. PI: La Belle. Project Honeybee university grant (9/1/16-8/31/17).
- Border Quants: Feminist Approaches to Data, Bodies, and Technologies Across Borders. PI: Duarte. Program for Transborder Communities Research Cluster university grant (8/1/16-7/31/17)
- Testing Arrhythmia Self-Monitoring of Atrial Fibrillation to Reduce Hospitalization and Ambulatory Care Utilization. PI: Ross. Project Honeybee university grant (9/1/14-8/31/16).
- Validating Ambulatory Self-Monitoring Devices Against Intrathoracic Impedance Measurements from Implantable Cardiac Devices to Allow Self-Monitoring and Management of Heart Failure. PI: Ross. Project Honeybee university grant (9/1/14-8/31/16).

### UNFUNDED

---

- Politics and Policy in Health Legislation. Co-PI: Carter, Ross.
- SolarSPELL Health: Assessing the Impact of Digital Library Integration Among Education and Health Volunteers in Peace Corps Vanuatu. Co-PI: Ross, Hosman, Root.
- Exploring Stakeholder Perceptions of Artificial Intelligence Robotic Technologies in the Future of Healthcare. PI: Ross.
- Cochrane Systematic Review: Effectiveness of interventions intended to prevent violence against healthcare professionals. PI: Danny Hills, PhD, Monash University, Australia.
- Sustainability Education in DNP Courses. Co-PI: Ross and Hale in collaboration with Sustainability Science Teacher's Project.
- Lived Experience with Wearable Device Research. PI: Ross.

## PROFESSIONAL AND SCHOLARLY PUBLICATIONS

### JOURNAL ARTICLES

---

- Hartwell, L. **Ross, H.M.**, & La Belle, J. T. (2019). Project honey bee: Clinical applications for wearable biosensors. *Biomedical Microdevices* 21, 37. Doi: 10.1007/s10544-019-0392-y
- Woodburn, J.L., Staley, L.L., Wordingham, S.E., Spadafore, J., Boldea, E., Williamson, S., Hollenback, S., **Ross, H.M.**, Steidley, D.E., & Pajaro, O.E. (2019). Destination therapy: Standardizing the role of palliative medicine & delineating the DT-LVAD journey. *Journal of Pain and Symptom Management*, 57(2), 330-340. Doi: 10.1016/j.jpainsymman.2018.11.007
- Ganesan, R.K., Rathore, Y.K., **Ross, H.M.**, & Ben Amor, H. (2018). Better teaming through visual cues: How projecting imagery in a workspace can improve human-robot collaboration. *IEEE Robotics and Automation Magazine*. Doi: 10.1109/MRA.2018.2815655
- Zakeri, R., Van Wagoner, D.R., Calkins, H., Wong, T., **Ross, H.M.**, Heist, E.K., Meyer, T.E., Kowey, P.R., Mentz, R.J., Cleland, J.G., Pitt, B., Zannad, F., & Linde, C. (2017). The burden of proof: The current state of atrial fibrillation prevention and treatment trials. *Heart Rhythm Journal*, 14(5), 763-782. Doi :10.1016/j.hrthm.2017.01.032
- Hills, D.J., **Ross, H.M.**, Pich, J., Hill, A.T., Dalsbø, T.K., Riahi, S., Guay, S., & Martínez-Jarreta, B. (2015). Education and training for preventing and minimising workplace aggression directed toward healthcare workers [Protocol]. *Cochrane Database of Systematic Reviews*, Issue 9. Art. No. CD011860. DOI: 10.1002/14651858.CD011860. (Impact Factor 6.103)
- Van Wagoner, D.R, Piccini, J.P., Albert, C.M., Anderson, M.E., Benjamin E.J., ... **Ross, H.M.**, ... et al. (2015). Progress toward the prevention and treatment of atrial fibrillation: A summary of the Heart Rhythm Society research forum on the treatment and prevention of atrial fibrillation. *Heart Rhythm Journal*, 12(1), e5-e29. (Impact Factor 4.391)

- Ross, H.M.** (2012). Addressing the impending cardiac provider shortage: Recommendations for increasing access to cardiac device care. *The Journal of Science Policy & Governance*, 2(1). <http://www.sciencepolicyjournal.org/current-edition.html> (Impact Factor Not Indexed)
- Ross, H.M.** & Fleck, D. (2007). 10 questions: Clinical considerations for allied professionals: Issues in transition to adult congenital heart disease programs. *Heart Rhythm Journal*, 4(6), 811-3. (Impact Factor 3.777)
- Ross, H.M.**, Kocovic, D.Z., & Kowey, P.R. (2005). Pharmacologic therapies for atrial fibrillation. *American Journal of Geriatric Cardiology*, 14(2), 62-7. (Impact Factor 0.82)
- Ross, H.M.** & Kocovic, D.Z. (2004). Cardiac resynchronization therapy for heart failure. *Current Treatment Options in Cardiovascular Medicine*, 6, 365-70. (Impact Factor 0.81)
- Rho, R., Patel, V.V., Dixit, S., Gerstenfeld, E., **Ross, H.**, & Kocovic, D.Z. (2003). Elevations of LV threshold with use of “Y” adapter for biventricular pacing in patients with congestive heart failure. *Pacing and Clinical Electrophysiology*, 26, 747-51. (Impact Factor 1.23)
- Valettas N., Rho, R., Beshai, J., Lloyd, C., **Ross, H.**, Kocovic, D., & Herrmann, H.C. (2003). Alcohol septal ablation complicated by complete heart block and permanent pacemaker failure. *Catheterization and Cardiovascular Interventions*, 58, 189-93. (Impact Factor 1.36)
- Ross, H.M.** (2001). Islamic tradition at the end of life. *MEDSURG Nursing: The Journal of Adult Health*, 10, 83-7. (Impact Factor 0.11)
- Ross, H.M.** (2001). Practice issues for the acute care nurse practitioner [Book review]. *Clinical Excellence for Nurse Practitioners: The International Journal of NPACE*, 5, 63-4. (Impact Factor 0.16)
- Ross, H.M.** (2000). The advanced practice nurse: Changing the practice law: What did we learn? [Abstract and commentary]. *Clinical Excellence for Nurse Practitioners: The International Journal of NPACE*, 4, 190-2. (Impact Factor 0.10)
- Ross, H.M.** (1998). Jewish tradition in death and dying. *MEDSURG Nursing: The Journal of Adult Health*, 7, 275-9. (Impact Factor Not Indexed)

## BOOK CHAPTERS

---

- Miller, C.A., **Ross, H.M.**, Bennett, G., & Hurlbut, J.B. (2016). The ethics of ubiquitous computing in healthcare. In *Wireless computing in medicine: From nano to cloud with its ethical and legal implications*. Ed. M. Eshaghian-Wilner. Hoboken, NJ: John Wiley & Sons. ISBN 978-1118993590
- Kennedy, E.B. & **Ross, H.M.** (2014). Electric vehicle development and battery technologies. In *The rightful place of science: Government & energy innovation*. Eds: D. Sarewitz & G.P. Zachary. Washington DC: Consortium for Science, Policy & Outcomes. ISBN 978-0692297506.
- Ross, H.M.**, Kowey, P.R., & Naccarelli, G.V. (2005). New antiarrhythmic pharmacologic therapies and regulatory issues in antiarrhythmic drug development. In: *New arrhythmia technologies*. Ed: P.J. Wang. London: Blackwell Publishing.

## OTHER SCHOLARSHIP (PEER REVIEWING)

---

American Association of Nurse Practitioners, Abstract Reviewer, 2017-present  
 European Society of Cardiology Congress, Abstract Reviewer, 2017  
 Patient-Centered Outcomes Research Institute (PCORI), Scientific Reviewer, 2013-present  
 Sigma Theta Tau, International Honors Society of Nursing, Abstract Reviewer, 2010-present, Grant Reviewer, 2013-present  
 American College of Cardiology, Abstract Reviewer, 2007  
*Heart Rhythm Case Report Journal*, Editorial Board, 2014-2016  
*PACE: Pacing and Clinical Electrophysiology Journal*, Manuscript Reviewer, 2011-2016  
*Journal of Medical Internet Research*, Manuscript Reviewer, 2015-2016  
*BMJ Open*, Manuscript Reviewer, 2016  
*Western Journal of Nursing Research*, Manuscript Reviewer, 2016  
 European Research Council, External Reviewer, 2015  
*Science, Technology & Human Values*, Manuscript Reviewer, 2013-present  
*Human Organization*, Manuscript Reviewer, 2018-present

## INVITED PRESENTATIONS

### INTERNATIONAL

---

- Ross HM. Evolving Role of Home Devices in Arrhythmia Care and Diagnosis. Heart Rhythm Society Scientific Sessions 2018, Boston, MA, 9 May 2018.
- Ross HM. Powered by People: Individual Implications for the Internet of Things. Internet of Things, Energy Awareness and Sustainability: International Workshop at Free University of Bozen-Bolzano, Bolzano, Italy, 10 July 2017.
- Ross HM. Allied Professionals are Under-Engaged and Needed for the Field of EP to Address Global Healthcare Needs! Heart Rhythm Society Scientific Sessions 2017, Chicago, IL, 12 May 2017.
- Ross HM. Social Media: Responsibilities and Potential Implications for the Participating Provider: Medico-Legal and Privacy Considerations. Heart Rhythm Society Scientific Sessions 2017, Chicago, IL, 11 May 2017.
- Ross HM. Novel Phone Applications, Portable Devices, and Telemedicine Updates. Heart Rhythm Society Scientific Sessions 2016, San Francisco, CA, 6 May 2016.
- Ross HM. Cultural and Socioeconomic Variation in Atrial Fibrillation Care. Heart Rhythm Society Scientific Sessions 2016, San Francisco, CA, 6 May 2016.
- Ross HM. Atrial Fibrillation Prevention and Treatment Trials: Patient-reported Outcomes, Symptoms, Quality of Life. 12<sup>th</sup> Global Cardiovascular Clinical Trialists Forum, Washington, DC, 5 December 2015.
- Krawiec RJ, Ross HM. Better Care Through Patient-Generated Data: How Internet of Things Technology can Unlock Value in Health Care. Internet of Things Solutions World Congress, Barcelona, Spain, 17 September 2015.
- Ross HM. CRT Follow-up: How to Track Outcomes. Heart Rhythm Society Scientific Sessions 2015, Boston, MA, 15 May 2015.
- Ross HM. How to Come Up with a Research Question to Study or Case to Report. Heart Rhythm Society Scientific Sessions 2015, Boston, MA, 15 May 2015.
- Ross HM. Preparing for the IBHRE CCDS Exam: ICDs. Heart Rhythm Society Scientific Sessions 2014, San Francisco, CA, 10 May 2014.
- Ross HM. Health Policy Update: Bundled Payments for Care Improvement. Heart Rhythm Society Scientific Sessions 2014, San Francisco, CA, 8 May 2014.
- Ross HM. Advanced Practice Clinicians are in the Best Position to Lead Heart Rhythm Teams. Heart Rhythm Society Scientific Sessions 2014, San Francisco, CA, 8 May 2014.
- Ross HM. Lost in Translation? Keeping the Patient at the Center of A Fib Research. 2013 Heart Rhythm Society Research Forum, Washington DC, 9 December 2013.
- Ross HM. Strategies for Integrating Quality Reporting into the EP Practice. Heart Rhythm Scientific Sessions 2013, Denver, CO, 10 May 2013
- Ross HM. Complex Cases: Using Electrograms and Diagnostic Data to Guide Your Way. Heart Rhythm Scientific Sessions 2013, Denver, CO, 10 May 2013
- Ross HM. Understanding and Implementing Clinical Trial Results in Practice. Heart Rhythm 2011, San Francisco, CA, 5 May 2011.
- Ross HM. Using Device Diagnostics Wisely: Matching Data to the Clinical Case. Heart Rhythm 2011, San Francisco, CA, 4 May 2011.
- Ross HM. Using Device Diagnostics to Manage Patients Efficiently. Heart Rhythm 2010, Denver, CO, 12 May 2010.
- Ross HM. Anticoagulation Pearls for Elderly Patients. Heart Rhythm 2009, Boston, MA, 15 May 2009.
- Ross HM. Over-the-Counter Medications: Concerns in Susceptible Patients. Heart Rhythm 2007, Denver, CO, 10 May 2007.
- Ross HM. Understanding Congenital Heart Disease for the Allied Professional: Young Adults With Congenital Heart Disease: The Transition. Heart Rhythm 2006, Boston, MA, 19 May 2006.
- Ross HM. Artery Disease and Heart Failure: The Case for Medical Therapy. American College of Cardiology Scientific Sessions, Atlanta, GA, 14 March 2006.
- Ross HM. Device Therapy for Heart Failure: Assessing Symptoms and Devices via Telemedicine. American College of Cardiology Scientific Sessions, Orlando, FL, 7 March 2005.
-

## NATIONAL

---

- Ross HM. Identifying Better Endpoints for Ablation Trials. Stanford Biodesign New Arrhythmia Technologies Retreat, Chicago, IL, 9 May 2017.
- Ross HM. Searching and Using Scientific and Clinical Literature at the Point of Care: Here's the App for That! National Organization of Nurse Practitioner Faculties 37<sup>th</sup> Annual Meeting, Albuquerque, NM, 15 April 2011.

## REGIONAL

---

- Ross HM. Health Policy and the Nurse Practitioner in Today's Environment [keynote]. Southwest Regional Nurse Practitioner Symposium. Mesa, AZ, 27 July 2019.
- Ross HM. What NPs Need to Know about Wearables. Southwest Regional Nurse Practitioner Symposium. Mesa, AZ, 27 July 2019.
- Ross HM. Putting the New Hypertension Guidelines into Practice. Southwest Regional Nurse Practitioner Symposium. Mesa, AZ, 28 July 2018.
- Ross HM. Health Literacy and Social Justice: What Everyone Should Know. Wagner College, Academic and Cultural Enrichment Program. Staten Island, NY, 23 March 2018.
- Ross HM. Allied Health Professionals in Electrophysiology: The Future. EP and Device Therapy for Allied Professionals: Applying Knowledge to Clinical Practice. Loma Linda, CA, 15 July 2011.
- Ross HM. EP Update. Alliance of Cardiovascular Professionals Regional Meeting. Scottsdale, AZ, 2 April 2011.
- Ross HM. Evidence-Based Practice: Novice and Advanced Programs. Hospital of Saint Raphael Department of Nursing, New Haven, CT, 8 February 2011.
- Ross HM. Evidence-Based Practice: Novice and Advanced Programs. Hospital of Saint Raphael Department of Nursing, New Haven, CT, 2 November 2010.
- Ross HM. Devices: What's New in the Lab for Implant and Out of the Lab for Follow-Up. EP and Device Therapy for Allied Professionals: Applying Knowledge to Clinical Practice, Scottsdale, AZ, 28 February 2009.

## STATE

---

- Ross HM. Unraveling the Mystery of Our Healthcare System. Humanist Society of Greater Phoenix. Mesa, AZ, 26 August 2018.
- Schaeffer R, Ross HM. Health Promotion and Community Safety through Legislative Advocacy: You Got This! School Nurses Organization of Arizona and Arizona Department of Education 31<sup>st</sup> Annual Conference, Phoenix, AZ, 15 June 2018.
- Ross HM. Health Policy: Every Nurse's Responsibility. Sigma Theta Tau International, Beta Upsilon Chapter Induction, Scottsdale, AZ, 5 May 2018.
- Duarte M, Wernimont J, Rajko J, Ross HM. Border Quants. Program for Transborder Communities Interdisciplinary Seminar, Arizona State University, Tempe, AZ, 6 September 2017.
- Ross HM. Biomonitoring: Patient and Provider Perspectives. Molecular, Cellular, and Tissue Bioengineering Symposium, Ira A. Fulton Schools of Engineering, Arizona State University, Tempe, AZ, 2 April 2016.
- Ross HM. Psychological Impact of Devices. Scottsdale Interventional Forum 2012: Nurse/Technologist Symposium. Phoenix, AZ, 15 February 2012.
- Ross HM. Medical Management of Arrhythmia Patients. Scottsdale Healthcare EP Core Curriculum, Scottsdale, AZ, 8 July 2011.
- Ross HM. Heart Failure Management: The EP Perspective. Scottsdale Healthcare EP Core Curriculum, Scottsdale, AZ, 8 October 2010.
- Ross HM. Evidence-Based Practice at the Hospital of St. Raphael: Data Analysis, Outcomes Assessment, Sustaining Change, and Poster Development. Hospital of Saint Raphael Department of Nursing, New Haven, CT, 15 March 2010.
- Ross HM. Evidence-Based Practice at the Hospital of St. Raphael: Interim Implementation Issues, Addressing System Challenges, and Planning for Data Analysis. Hospital of Saint Raphael Department of Nursing, New Haven, CT, 25 January 2010.
- Ross HM. Evidence-Based Practice at the Hospital of St. Raphael: Designing the Intervention, IRB Applications, and Planning for Implementation. Hospital of Saint Raphael Department of Nursing, New Haven, CT, 7 December 2009.
- Ross HM. Evidence-Based Practice at the Hospital of St. Raphael: Synthesizing the Evidence and Outcomes Planning. Hospital of Saint Raphael Department of Nursing, New Haven, CT, 2 November 2009.
- Ross HM. Evidence-Based Practice at the Hospital of St. Raphael: Introduction, EBP Questions, and Finding the Evidence. Hospital of Saint Raphael Department of Nursing, New Haven, CT, 21 September 2009.



PEER-REVIEWED POSTER AND PAPER PRESENTATIONS  
INTERNATIONAL

---

- Ben Amor H, Ramsundar KG, Rathore Y, Ross H. Intention Projection for Human-Robot Collaboration with Mixed Reality Cues. VAMHRI 2018 The Inaugural International Workshop on Visual, Augmented, and Mixed Reality for Human-Robot Interaction, Chicago, IL, March 2018. [paper presentation]
- Snyder C, Blain Christen J, Ross H. Human Factors Engineering for Mobile Health Applications. IEEE-NIH 2017 Special Topics Conference on Healthcare Innovations and Point-of-Care Technologies, Bethesda, MD, November 2017. [4-page contributed paper, poster presentation]
- Stevenson P, Arafa H, Ozev S, Ross H, Blain Christen J. Toward Wearable, Crowd-Sourced Air Quality Monitoring for Respiratory Disease. IEEE-NIH 2017 Special Topics Conference on Healthcare Innovations and Point-of-Care Technologies, Bethesda, MD, November 2017. [4-page contributed paper, poster presentation]
- Ross HM. Taking Tech Away: An Anticipatory Framework for Technology Withdrawal. 2017 Annual Society for the Study of New and Emerging Technologies (S.NET) Meeting, Tempe, AZ, October 2017. [paper presentation]
- Ross HM. Testing the Limits of the Quantified Self at the Qual-Quant Borderland: What Can Data Quantification Tell Us About Lived Experience? Society for the Social Studies of Science 2017 Annual Meeting, Boston, MA, September 2017. [paper presentation]
- Woodburn JL, Staley L, Wordingham SE, Spadafore J, Boldea E, Ross HM, Steidley DE, Pajaro OE. Destination Therapy: Targeting and Refining Advance Care Planning. International Society for Heart & Lung Transplantation 37<sup>th</sup> Annual Meeting and Scientific Sessions. San Diego, CA, April 2017. [oral presentation]
- Ross HM, Smith AJ. Atrial Fibrillation Self-Monitoring: Patients vs. Algorithms. Heart Rhythm Society Scientific Sessions 2016. San Francisco, CA, May 2016. [poster]
- Smith AJ, Ross HM. Atrial Fibrillation Self Monitoring Does Not Affect Quality of Life. Heart Rhythm Society Scientific Sessions 2016. San Francisco, CA, May 2016. [poster]
- Ross HM. Value Differences in GMO Crops and Genomic Medicine. Society for the Social Studies of Science 2015 Annual Meeting. Denver, CO, November 2015. [paper presentation]
- Warren A, Ross HM, Foley R. Embedding “Values Thinking” in Teacher, Healthcare, and Engineering Curricula. Society for Ethics Across the Curriculum 16<sup>th</sup> Annual International Conference: Engaging the Future Responsibly, Scottsdale, AZ, October 2014. [paper presentation]
- Burnam-Fink M, Ross HM. Patient-Powered Research: Bringing Laboratory Medicine to the Real World. 4S (Society for the Social Studies of Science) and ESOCITE (Sociedad Latinoamericana de Estudios de la Ciencia y la Tecnologia) Joint Meeting. Buenos Aires, Argentina. August 2014. [paper presentation]
- Ross HM, Kawasaki L, Williams CL. An Unusual Case of Pacemaker Syndrome. Heart Rhythm Scientific Sessions 2013, Denver, CO, May 2013. [oral presentation]
- Williams CT, Ross HM. Atrial Blanking: What Lies Beneath? Heart Rhythm 2011, San Francisco, CA, May 2011. [oral presentation]
- Heimann MD, Ross HM, Movsowitz C. Ventricular Tachycardia Late After Radiofrequency Ablation of a Bypass Tract. Heart Rhythm 2007, Denver, CO, May 2007. [poster]
- Heimann MD, Cox SJ, Kennedy E, Ross HM, Kocovic DZ. Advanced Practitioner Model in the Electrophysiology Laboratory. Heart Rhythm 2007, Denver, CO, May 2007. [poster]
- Ross HM, Gerstenfeld EP, Hsia HH, Kocovic DZ. Automatic QRS Morphology Template Update Leads to Inappropriate Therapy Inhibition in a Single-Chamber ICD. Heart Rhythm 2005, New Orleans, LA, May 2005. [poster]
- Ross HM, Kocovic DZ. Cardiac resynchronization therapy promotes cardioversion to sinus rhythm from chronic atrial fibrillation. Heart Failure Society of America Annual Scientific Meeting, Toronto, ON, Canada, September 2004. [poster]
- Kocovic DZ, Ross HM, Laidlaw D, Lynn T. Lead position and long term survival with biventricular pacing. ACC Scientific Sessions, New Orleans, LA, March 2004. [poster]
- Ross HM, Kocovic DZ. Increase in chronic LV capture thresholds in congestive heart failure. NASPE Scientific Sessions, Washington DC, May 2003. [poster]
- Laidlaw DW, Brozena S, Jessup ML, Lynn T, Poku J, Ross H, Kocovic D. Survival in patients receiving biventricular pacing for congestive heart failure: Ischemic versus non-ischemic etiology. NASPE Scientific Sessions, Washington DC, May 2003. [poster]
- Chalfoun N, Jessup M, Ross HM, Kocovic, DZ. Biventricular pacing in patients with chronic atrial fibrillation: Comparison to patients with normal sinus rhythm at 12 months. ACC Scientific Sessions, Chicago, IL, April 2003. [poster]
- Ross HM, Chalfoun NT, Brozena SC, Jessup M, Kocovic DZ. Biventricular pacing upgrade: Comparison to de novo implants. The XII World Congress on Cardiac Pacing and Electrophysiology, Hong Kong, February 2003. [poster]

Calovic ZR, Ross HM, Kocovic DZ. Does cardiac anatomy affect left ventricular lead implantation? The XII World Congress on Cardiac Pacing and Electrophysiology, Hong Kong, February 2003. [poster]

## NATIONAL

---

- Spanias A, Blain Christen J, Thornton T, Anderson K, Goryll M, Arafa H, Shanthamallu E, Forzani E, Ross H, Barnard W, Ozev S. The Sensor Signal and Information Processing REU Site. Proceedings of the 2018 American Society for Engineering Education (ASEE) Annual Conference, Salt Lake City, UT, June 2018. [poster] <https://www.asee.org/public/conferences/106/papers/23616/view>
- Ross HM, Richards L. Wearable Devices Can Improve Quality of Life in Heart Failure. Heart Failure Society of America 21<sup>st</sup> Annual Scientific Meeting, Dallas, TX, September 2017. [oral presentation] *Journal of Cardiac Failure*, 23(8S), S9.
- Kennedy EB, Burnam-Fink M, Tidwell A, Ross HM, Richter J. Reimagining Perrow & Normal Accidents: A 30<sup>th</sup> Anniversary Reflection. Dupont Summit 2014 on Science, Technology, and Environmental Policy, Washington DC, December 2014. [paper presentation]
- Ross HM. Communication and Essential Tensions in Patient-Centered Health Care Teams. American Anthropological Association 112<sup>th</sup> Annual Meeting, Chicago, IL, November 2013. [paper presentation]
- Ross HM, Elias R, Harriman D, Andreozzi A, Grubman EM. Emergency Department Involvement Reduces Subjectivity for Hypothermia. Resuscitation Science Symposium, Orlando, FL, November 2011. [poster]
- Ross HM, Hill AT, Ilchak D, Kenny K. DNP Student Teaching Assistants: Pilot Program Evaluation. American Association of Colleges of Nursing Doctoral Education Conference, San Diego, CA, January 2011. [poster]
- Ross HM, Elias R, Orser L, Andreozzi A, Grubman EM. Do Healthy Patients Receive More Hypothermia? Resuscitation Science Symposium, Chicago, IL, November 2010. [poster]

## PUBLIC/MEDIA ENGAGEMENT

---

### PODCAST

---

Ross, H. M. (Co-host, Producer). (2016-present). *Future Out Loud* [Audio podcast]. Retrieved from <http://www.futureoutloud.org>

### TELEVISION AND RADIO

---

- Catalyst: Wearable Monitor* [Video file]. (2018, October 3). Retrieved from <https://azpbs.org/catalyst/2018/10/catalyst-wearable-monitor/>
- Candidate for U.S. Congress, AZ-6* [Video file]. (2018, July 15). Retrieved from <https://www.12news.com/article/news/politics/sunday-square-off/az-democrats-mount-competitive-primary-in-strong-trump-district/75-574066852>
- Candidate for U.S. Congress, AZ-6* [Video file]. (2018, March 18). Retrieved from <http://www.12news.com/article/news/politics/sunday-square-off/arizona-students-waiting-on-duceys-gun-safety-plan/529693445?complete?complete>
- Innovation expert: Repealing net neutrality is a threat to democracy* [Video file]. (2017, December 14). Retrieved from <https://azpbs.org/horizon/2017/12/innovation-expert-repealing-net-neutrality-threat-democracy/>
- The era of net neutrality has officially come to a close* [Audio file]. (2017, December 14). Retrieved from <https://kjzz.org/content/580768/era-net-neutrality-has-officially-come-close>
- Phoenix-area experts weigh in on net neutrality repeal* [Video file]. (2017, December 14). Retrieved from <http://www.azfamily.com/story/37073117/phoenix-area-experts-weigh-in-on-net-neutrality-repeal>
- How tracker tech could improve your everyday life* [Video file]. (2017, April 28). Retrieved from <http://www.12news.com/entertainment/television/programs/arizona-midday/how-tracker-tech-could-influence-your-everyday-life-/434989051>
-

## PUBLIC TESTIMONY

---

Ross, H. M. (2019, February 20). *HB2503: Assault; Health Care Practitioner; Classification*. Arizona House Judiciary Committee. Retrieved from [http://azleg.granicus.com/MediaPlayer.php?clip\\_id=22130&autostart=0](http://azleg.granicus.com/MediaPlayer.php?clip_id=22130&autostart=0)

Ross, H. M. (2019, January 31). *HB2068: Clinical Nurse Specialist (CNS) Prescribing and Dispensing Privileges in Licensed Healthcare Facilities*. Arizona House Health and Human Services Committee. Retrieved from [http://azleg.granicus.com/MediaPlayer.php?clip\\_id=21819&autostart=0](http://azleg.granicus.com/MediaPlayer.php?clip_id=21819&autostart=0)