

HEATHER M. ROSS, PhD, DNP, ANP-BC, FAAN, FAANP

Heather.M.Ross@asu.edu, heathermrossdnp@gmail.com, (480)993-6081

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

Advisors: Edward J. Hackett, PhD, Daniel Sarewitz, PhD, J. Benjamin Hurlbut, PhD, Clark A. Miller, PhD

Teaching Assistant to ASU President Michael M. Crow, PhD and Daniel Sarewitz, PhD, 2015-2016

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

Doctor of Nursing Practice, May 2010

Faculty mentor: Katherine J. Kenny, DNP

BOSTON COLLEGE SCHOOL OF NURSING, CHESTNUT HILL, MASSACHUSETTS

M.S. 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., Religious Studies, 1996

AWARDS AND FELLOWSHIPS

2023 – Fellow of the American Academy of Nursing (FAAN)

2023 – FBI Phoenix Citizens Academy

2022 – Wilton Wells Webster Lectureship Award – Heart Rhythm Society

2022 – ASU Knowledge Exchange for Resilience Fellow

2021 – Arizona Public Health Association, Corporate Public Health Service Award (with ASU Biodesign)

2021 – ASU Knowledge Enterprise, Vision Award with Modeling Emerging Threats in Arizona team

2020 – School for the Future of Innovation in Society Excellence in Education Award

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

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

2013 – Interdisciplinary Graduate Education Research Traineeship Fellowship– National Science Foundation

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

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

2000 – Outstanding Student Manuscript Award – *MEDSURG Nursing*

PROFESSIONAL EMPLOYMENT

ARIZONA STATE UNIVERSITY, EDSON COLLEGE OF NURSING AND HEALTH INNOVATION & SCHOOL FOR THE FUTURE OF INNOVATION IN SOCIETY (SFIS), PHOENIX, ARIZONA

Assistant Professor (tenure-eligible), January 2024 to present (College of Nursing)

PhD Program Director, August 2022 to July 2024 (SFIS)

Affiliate Faculty, School of Human Evolution and Social Change, 2021 to present

Clinical Associate Professor (jointly appointed), May 2021 to December 2023

Barrett Honors Faculty, 2020 to present

COVID-19 Epidemiology Modeling Team (Modeling Emerging Threats in AZ), March 2020 to June 2021

Special Advisor/Policy Fellow, Office of Phoenix Mayor Kate Gallego, September 2019 to June 2022

Co-Director, SolarSPELL Health, July 2019 to present

NSF REU Faculty, Sensor Signal and Information Processing site, 2017 to 2018

Clinical Assistant Professor (jointly appointed), August 2016 to May 2021

Chair, MA in Applied Ethics and the Professions, August 2016 to May 2019 (SFIS)

Senior Global Futures Scientist (formerly Senior Sustainability Scientist), 2019 to present

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

Instructor, DNP Program, August 2013 to July 2016 (College of Nursing)

Fellow, Center for Sustainable Health, August 2013 to May 2016

Clinical Instructor, DNP Program, August 2012 to August 2013 (College of Nursing)

Faculty Associate, DNP Program, January 2012 to August 2012 (College of Nursing)

HONORHEALTH CARDIAC ARRHYTHMIA GROUP (PREVIOUSLY ARIZONA ARRHYTHMIA CONSULTANTS),
SCOTTSDALE, ARIZONA

Nurse Practitioner, December 2008 to present

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

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

ARIZONA ARRHYTHMIA RESEARCH CENTER, SCOTTSDALE, ARIZONA

Nurse Practitioner, August 2008 to November 2009

ARIZONA CARDIOLOGY GROUP, PHOENIX, ARIZONA

Nurse Practitioner, October 2007 to December 2008

GATEWAY COMMUNITY COLLEGE, PHOENIX, ARIZONA

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

INDEPENDENT CONSULTANT, PARADISE VALLEY, ARIZONA

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

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

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

CARDIOVASCULAR ASSOCIATES OF SOUTHEASTERN PENNSYLVANIA, WYNNWOOD, PENNSYLVANIA

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

HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PENNSYLVANIA

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

HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PENNSYLVANIA

Staff Nurse, July 2000 to December 2000

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

Staff Associate, April 1997 to August 1998

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

Branch Administrator, June 1996 to April 1997

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)

Advanced Cardiac Life Support and Basic Life Support (current)

Certified Electrophysiology Specialist – Allied Professional, International Board of Heart Rhythm Examiners

Certified Cardiac Device Specialist – Allied Professional, International Board of Heart Rhythm Examiners

SERVICE TO THE PROFESSION

INTERNATIONAL

Heart Rhythm Society, Fellow (FHRS)

Board of Trustees, 2014-2019

Health Policy and Regulatory Affairs Committee, 2023-2024

Nominations committee, 2021-2023

Audit Committee, 2019-2021

Course Co-Director, EP Demystified, 2019-2020

Heart Rhythm Highlights Working Group, 2016

Editorial Board, *Heart Rhythm Journal*, 2014

Editorial Board, *Heart Rhythm Case Reports Journal*, 2014-2016

Co-Chair, Allied Health Professionals Task Force, 2013

Vice-Chair, Member Relations Committee 2012-2014
 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
 Patient and Caregivers Taskforce, 2009
 Course Director, Cardiac Rhythm Device Therapy Online Self-Assessment for APs, 2008-2013
 National Course Director, Allied Professional Regional Programs 2008-2011
 Strategic Planning Taskforce, 2008, 2013
 Web Education Subcommittee member 2007-2011
 Chair, Allied Professional Subcommittee 2006-2010
 Education Committee member 2005-2010
 Sigma Theta Tau, International Honors Society of Nursing

NATIONAL

American Academy of Nursing, Fellow (FAAN)
 Global Health expert panel, 2023-present
 Health Equity expert panel, 2023-present
 American Association of Nurse Practitioners, Fellow (FAANP)
 Scholarship reviewer, 2023-present
 American Nurses Association
 Innovation Advisory Committee, Policy & Determinants of Health, 2021-2023
 Volunteer Mentor, 2018-2019
 American College of Cardiology
 Scientific Publications Committee, 2024-2027
 Senior Advising Editor, JACC Case Reports, 2024-present
 Chair, Legislative Conference Pre-Session, 2019-2023
 Arizona chapter Advocacy Chair, 2019-2023
 Partners in Quality Subcommittee, 2015-2017
 Emerging Advocates Team, 2015-2016
 Cardiovascular Team Advocacy Working Group, 2014-present (Chair 2017-2024)
 Cardiac Care Associates charter member, 2002
 American Public Health Association

STATE

City of Phoenix
 Community Mental Health, Wellness, Public Health and Safety Task Force, 2024-present
 Interview Panel for public health director, 2022
 Activate South Phoenix steering committee, 2021-2022
 Community Assistance Program/Behavioral Health steering committee, 2021-2023
 Arizona State Nurses Association
 Board of Directors, Government Affairs Officer, 2021-2023
 Chair, Leadership Transition Working Group, 2022-2023
 Nursing Situation Monitoring and Response Team, 2020-2022
 Legislative Nurse Ambassador, 2018-2020
 Arizona Public Health Association, 2020-present

ARIZONA STATE UNIVERSITY

Public Health AmeriCorps project mentor, 2024-2025
 School of Technology for Public Health Dean search committee, 2023-2024
 Public Health Technology Initiative design team, 2022-2023
 Nursing and Engineering Education work group, 2023-present
 Refugee Education and Clinic Team (REACT) clinic preceptor, 2022-present
 School for the Future of Innovation in Society PhD committee, 2022-2024
 Consortium for Science Policy and Outcomes Director search committee, 2021-2022
 University Fellowship and Loan review committee, 2019-present
 Limited Submission review committee, 2019-present
 Master of Science Technology Policy admissions committee, 2019-2021
 Center for Applied Behavioral Health Policy Winter School advisory board, 2019
 Project Honeybee steering committee, 2013-2016

PEER REVIEWING

PROFESSIONAL ORGANIZATIONS

Patient-Centered Outcomes Research Institute (PCORI), Scientific Reviewer, 2013-present
 American Public Health Association, Abstract Reviewer, 2021-present, Film Festival Reviewer, 2020-present
 American College of Cardiology, Abstract Reviewer, 2007, 2019, 2022-present
 American Association of Nurse Practitioners, Abstract Reviewer, Grant Reviewer, 2017-present
 Heart Rhythm Society, Abstract Reviewer, 2023
 National Science Foundation, Grant Review Panelist, 2022-2023
 American Association for the Advancement of Science, Kavli Science Journalism Awards, screener, 2021-2023
 Sigma Theta Tau, International Honors Society of Nursing, Abstract Reviewer, 2010-2023, Grant Reviewer, 2013-2023
 European Society of Cardiology Congress, Abstract Reviewer, 2017
 European Research Council, External Reviewer, 2015

JOURNALS (AD HOC)

Journal of Alzheimer's Disease Reports
Philosophy, Ethics, and Humanities in Medicine
Human Organization
Wellcome Open Research
Social Science and Medicine – Population Health
Health Policy
Science, Technology & Human Values
PACE: Pacing and Clinical Electrophysiology Journal
Journal of Medical Internet Research
BMJ Open, Manuscript Reviewer
Western Journal of Nursing Research

CIVIC SERVICE

Arizona Civil Rights Advisory Board, 2024-2027 (Governor appointed)
 Chair, 2024-present
 City of Phoenix Women's Commission (Councilmember appointed)
 Chair, 2023-2025
 Vice-Chair, 2022-2023
 Appointed Commissioner, 2018-present
 Anti-Defamation League, National Commission 2022-present
 Arizona ADL (Anti-Defamation League), Board of Directors, 2017-present
 Chair, 2023-2024
 Chair, Government Relations, Advocacy, and Community Engagement Committee, 2020-2022
 Arizona Public Health Association, 2020-present
 Arizona Democratic Party
 Elected Precinct Committeeperson, 2018-2024
 Arizona State Party Delegate, 2018-2024
 Arizona Center for Law in the Public Interest
 Board of Directors, 2018-2020
 Democratic Candidate for U.S. Congress, 2018

PROFESSIONAL AND SCHOLARLY PUBLICATIONS

JOURNAL ARTICLES (*PUBLICATION WITH STUDENTS)

1. *Taylor, S.C., **Ross, H.M.**, (2024, in review). "The dream team:" Using a health equity and social justice lens to define the "T" in CIT. *Criminal Justice Policy Review*. (CiteScore 3.3)/
2. ***Ross, H.M.**, Dzenga, P., Myers, M., Squires, A., Duncan, S., Caradine, J., Scharf, P., & Bowman, D. (2024). Dementia and mild cognitive impairment screening results for older adults seeking emergency

- shelter for homelessness. *Alzheimer's & Dementia*, 20(5), 3666-3670. doi:10.1002/alz.13763 (Impact Factor 14)
3. **Ross, H.M.** (2023). End of life discussions with CIED patients and family members: A guideline review and how to start the conversation. *EP Lab Digest*, 23(11), 1,8-9. <https://www.hmpgloballearningnetwork.com/site/eplab/review/end-life-discussions-cardiac-implantable-electronic-device-patients-and-family> (Not indexed)
 4. **Ross, H.M.**, Kawasaki, L.J., Williams, C. (2023). An unusual case of pacemaker syndrome. *Heart Rhythm Case Reports*, 9(1), 64-65. <https://doi.org/10.1016/j.hrcr.2022.11.012> (Impact Factor 0.99)
 5. ***Ross, H.M.**, Hosman, L., Baikie, B., Blau, E., Simpson, C.J. (2022). SolarSPELL health and education: Global solutions with local impacts. *Journal of Global Health Reports*, 6, e2022050. <https://doi.org/10.29392/001c.38734> (Impact Factor 0.9)
 6. **Ross, H.M.**, Pine, K.H., Curran, S., & Augusta, D. (2022). Pathway mapping as a tool to address police use of force in behavioral health crisis. *Social Science & Medicine*, 306, 115088. <https://doi.org/10.1016/j.socscimed.2022.115088> (Impact Factor 4.63)
 7. *Tiffney, T., Cook-Deegan, R., **Ross, H.M.** (2022). Breathing fresh air into the debate: Ventilators and the United States' intellectual property problem. *Health Policy Open*, 3. <https://doi.org/10.1016/j.hpopen.2022.100069> (Impact Factor 2.98)
 8. **Ross, H.M.**, Bowman, D., Wani, J. (2022). Voluntary registries to support improved interaction between police and people living with dementia. *Journal of Law, Medicine & Ethics*, 50, 348-363. <https://doi.org/10.1017/jlme.2022.62> (Impact Factor 1.718)
 9. Jehn, M.L., Pandit, U., Sabin, S., Tompkins, C., White, J., Kaleta, E., Dale, A.P., **Ross, H.M.**, McCullough, J.M., Pepin, S., Kenny, K., Sanborn, H., Heywood, N., Schnall, A.H., Lant, T., & Sunenshine, R. (2022). Accuracy of case-based seroprevalence of SARS-CoV-2 antibodies in Maricopa County, Arizona. *American Journal of Public Health*, 112(1), 38-42. <https://doi.org/10.2105/AJPH.2021.306568> (Impact Factor 9.308)
 10. **Ross, H.M.**, Desiderio, S., St. Mars, T., & Rangel, P. (2021). US immigration policies pose a health security threat in COVID-19. *Health Security*, 19(S1), S83-S88. <https://doi.org/10.1089/hs.2021.0039> (Impact Factor 1.297)
 11. Gel, E.S, Jehn, M., Lant, T., Muldoon, A.R, Nelson, T., & **Ross, H.M.** (2020). COVID-19 healthcare demand projections: Arizona. *PLoS ONE* 15(12), e0242588. <https://doi.org/10.1371/journal.pone.0242588> (Impact Factor 2.740)
 12. *Hosman, L., **Ross, H.**, Petersen, S., Jalaghi, A., & Andrusaitis, K. (2020). Developing an offline digital library for South Sudan – the SolarSPELL Health: Nursing and midwifery library. *South Sudan Medical Journal*, 13(4), 153-155. (Not indexed)
 13. Geoffrion, S., Hills, D. J., **Ross, H.M.**, Pich, J., Hill, A.T., Dalsbø, T.K., Riahi, S., Martínez-Jarreta, B., & Guay, S. (2020). Education and training for preventing and minimising workplace aggression directed toward healthcare workers. *Cochrane Database of Systematic Reviews*, Iss. 9: Art. No. CD011860. Doi: 10.1002/14651858.CD011860.pub2. (Impact Factor 6.103)
 14. 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 (Impact Factor 2.176)
 15. *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 (Impact Factor 3.077)
 16. *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
 17. 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 (Impact Factor 4.866)
 18. 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)
 19. 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)

20. **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)
21. **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)
22. **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)
23. **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)
24. 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)
25. 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)
26. **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)
27. **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)
28. **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)
29. **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

1. *Taylor, S.C, **Ross, H.M.** (2024, in press). Lost in translation: Policing and alternatives to mental health crisis. *Routledge International Handbook of Critical Policing Studies*. Ed: J. Clover. Abington, Oxon, UK: Taylor & Francis.
2. **Ross, H.M.** (2022). Health policy and advocacy: Opportunities for nurses. In *Leadership in nursing practice: Changing the landscape of health care* (4th ed). Eds: D. Weberg and K. Mangold. Burlington, MA: Jones & Bartlett Learning.
3. 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
4. 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.
5. **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.

POPULAR PRESS

1. Florence, N. & **Ross, H.** (2023, September 13). Shelters can help homeless people by providing quiet and privacy, not just a bunk and a meal. *The Conversation*. <https://theconversation.com/shelters-can-help-homeless-people-by-providing-quiet-and-privacy-not-just-a-bunk-and-a-meal-211010>
2. Florence, N. & **Ross, H.** (2023, June 27). How tech can make it excruciatingly hard to apply for a job while homeless. *Slate : Future Tense*. <https://slate.com/technology/2023/06/job-application-homelessness-digital-divide.html>
3. **Ross, H.** (2020, November 2). Where is the contact tracing army we were supposed to get? *Slate: Future Tense*. <https://slate.com/technology/2020/11/contact-tracing-covid-states-failure.html>
4. **Ross, H.** & Muldoon, A. (2020, May 24). Who should serve in America’s contact tracing army? *Slate: Future Tense*. <https://slate.com/technology/2020/05/contact-tracing-coronavirus-diverse-workforce.html>
5. **Ross, H.** (2014, June 11). Fixing the VA: It’s not that easy. *The Hill*. <https://thehill.com/blogs/pundits-blog/208285-fixing-the-va-its-not-that-easy/>

REPORTS

1. Scott, M. S., Swindell, D., & **Ross, H. M.** (2022). *Alternative Responses to Calls for Police Service*. The Center for Problem-Oriented Policing and the Center for Urban Innovation at Arizona State University: Phoenix, AZ.

RESEARCH CONTRACTS

FUNDED

1. Vitalyst Foundation: Systems Change Grant – Care for Homeless Older Adults with Dementia. Lead agency: Central Arizona Shelter Services (4/1/24-3/31/27). \$175,000
2. ASU Knowledge Exchange for Resilience: Alumni Capstone Team Grant – Designing Homeless Shelter Spaces for Building Resilience to Support Successful Exit from Homelessness. Co-PI: Ross, Bowman, Southee. (1/1/24-8/31/24). \$35,000
3. US Department of Justice: FY 2023 Microgrant – Community Policing Development. PI: Taylor, Sub-award PI: Ross (10/1/23-9/30/24, NCE 12/31/25). \$175,000
4. Public Interest Technology – University Network: Public Interest Technology (PIT) for Homeless Shelters. PI: Ross (10/1/23-1/31/25). \$90,000
5. Arizona Alzheimer’s Consortium: Dementia and Mild Cognitive Impairment in Adults Experiencing Homelessness. Co-PIs: Ross, Bowman (7/1/23-6/30/24). \$30,000
6. Maricopa County Department of Public Health/Centers for Disease Control and Prevention: Telehealth Pilot Program. PI: Carr-Jordan (12/7/22-5/31/24). \$1,000,000
7. Private Funder: SolarSPELL Health: Digital Library Integration at Kamuzu University of Health Sciences. Co-PI: Ross, Hosman (2022-2023). \$90,000
8. Tonoho O’Odham Nation COVID-19 Seed Grant: Culturally Relevant Low Literacy Digital Education to Increase COVID Vaccination in Vulnerable Arizona Populations. PI: Ross (Co-I Angela Gonzales). (1/1/22-6/30/23). \$56,250
9. ASU Knowledge Exchange for Resilience Fellowship: City of Phoenix Digital Resources for Crisis Response Services. PI: Ross (1/1/22-12/31/22). \$15,000
10. City of Phoenix Police Department: Calls for Service Research. PI: Scott (11/8/21-11/7/22). \$87,000
11. Sandia National Laboratory: Public Health Modeling Policy White Papers. PI: Lant (12/1/20-3/31/21). \$20,000
12. Maricopa County Public Health Support: Epidemiology and Vaccine Modeling. PI: Lant (2020-2022). \$234,039
13. Maricopa County Public Health Support: Serosurvey. PI: Jehn (2020-2021). \$215,544
14. Doc-in-a-Box. PI: Baral, Co-PI: Ross. Office of Naval Research (7/1/20-6/30/21). \$150,000
15. SolarSPELL Health Medical Library for Juba School of Nursing and Midwifery. PI: Hosman. Private foundation funder (11/1/19-08/31/20). \$100,000
16. SolarSPELL Health. PI: Ross. Institute for the Future of Innovation in Society seed grant (7/1/19-6/30/20). \$8,000
17. Human Intention Recognition in Low Gravity Environments. PI: Ben Amor. Interplanetary Initiative university grant (9/1/17-8/31/18). \$50,000
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). \$101,015
19. 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). \$7,200
20. 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). \$52,677
21. Expand Development on Ambulatory Medial Wearable Device that Captures Three Biosignals for Patients. Co-PI: La Belle, Spano, Ross. Project Honeybee university grant (9/1/16-8/31/17). \$27,500
22. 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) \$17,500
23. 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). \$49,218
24. 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). \$50,248

PENDING

1. National Science Foundation – Responsible Design, Development, and Deployment of Artificial Intelligence Technologies for Vulnerable Populations. PI: Ross. (10/1/24-9/30/26). \$300,000
2. National Institute of Justice – Beyond the Badge: Evaluation of a Suite of Alternatives to Sworn Response in the City of Phoenix. PI: Ross (1/1/25-12/31/26). \$499,774
3. Department of Justice: Community Oriented Policing Services – Community-Based Dementia Screening for Older Adults by Police Officers. PI: Ross (1/1/25-12/31/26). \$495,762
4. National Institutes of Health: R01 – Dis/Connected Systems of Care for People Experiencing Homelessness. PI: Ross (1/1/25-12/31/29). \$3,007,523
5. National Institutes of Health: UG3/UH3 – Tailored Ambassador Services for Older Adults Experiencing Homelessness. PI: Ross. (1/1/25-12/31/31). \$6,770,784

SOLARSPELL GLOBAL LIBRARY INITIATIVE TRAININGS

2024, SEPTEMBER – PHOENIX FIRE COMMUNITY ASSISTANCE PROGRAM, PHOENIX, ARIZONA, USA
 2024, JULY – PEACE CORPS LESOTHO, TEYATEYANENG, LESOTHO
 2024, APRIL – HOPI CANCER SUPPORT SERVICES, KYKOTSMOVI VILLAGE, ARIZONA, USA
 2024, JANUARY – PEACE CORPS LESOTHO, TEYATEYANENG, LESOTHO
 2023, JULY – PEACE CORPS LESOTHO, PITSENG, LESOTHO
 2023, JULY – KAMUZU UNIVERSITY OF HEALTH SCIENCES, LILONGWE AND BLANTYRE, MALAWI
 2023, JANUARY – KAMUZU UNIVERSITY OF HEALTH SCIENCES, LILONGWE AND BLANTYRE, MALAWI
 2020, FEBRUARY – NACO WELLNESS INITIATIVE, NACO, SONORA, MEXICO

INVITED PRESENTATIONSINTERNATIONAL

- Ross HM. Digital Health Equity: Does a Rising Tide Lift All Boats? Heart Rhythm 2024, Boston, MA, USA, 16 May 2024.
- Ross HM, Hosman L. SolarSPELL Health for Nursing Education in Malawi. Human Resources for Health Technical Working Group, Malawi Ministry of Health. Lilongwe, Malawi, 25 July 2023.
- Ross HM. Early Conversations About CIEDs and End of Life Care: How to Be Proactive with your Patient and Family. Heart Rhythm 2023, New Orleans, LA, USA, 21 May 2023.
- Ross HM. How to Optimize the Nurse Clinician in Clinical Care. Heart Rhythm 2023, New Orleans, LA, USA 2021 May 2023.
- Ross HM, Hosman L, Baikie B, Thompson R. SolarSPELL Health and Evidence Based Practice Training Workshop. Kamuzu University of Health Sciences, Lilongwe and Blantyre, Malawi, 23-27 January 2023.
- Ross HM. SolarSPELL Health and Evidence-Based Practice. United States Peace Corps Response Advancing Health Professionals Conference 2022, Monrovia, Liberia, 30 November – 1 December 2022.
- Ross HM. Wilton Wells Webster Lectureship Award Presentation: It Takes a Village. Heart Rhythm Society Scientific Sessions 2022, San Francisco, CA, 29 April 2022.
- Ross HM. Device Interpretation and Troubleshooting. American College of Cardiology Scientific Sessions 2021, Virtual, 15 May 2021.
- 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. 12th 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 37th 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 H. Health Equity for Heart Rhythm Professionals: Issues and Opportunities. Electrophysiology Symposium for the Allied Health Professional, Scottsdale, AZ, 5 November, 2022.
- Ross H. Gender Care and Reproductive Health: Arizona's Landscape in 2022 for Healthcare Providers. Arizona NAPNAP (National Association of Pediatric Nurse Practitioners) Law and NP Order Fall Event, Phoenix, AZ, 4 November 2022.
- Ross H. Arizona Policy Update for School Nurses. Annual Meeting of the School Nurses Association of Arizona, Chandler, AZ, 1 October 2022.
- Ross H. Policy for the Cardiovascular Team: What's New and How to Make a Difference. Cardiovascular Team Symposium, Annual Meeting of the Arizona Chapter of the American College of Cardiology. Scottsdale, AZ, 20 November 2021.
- Ross H. How to Make a Difference in Health Policy. Cardiovascular Team Annual Symposium of the New York State Chapter of the American College of Cardiology. Virtual, June 4, 2021.
- Lant T, Gel E, Jehn M, Muldoon A, Ross H. Modeling emerging threats for Arizona: Epidemiological projection modeling for COVID-19 in Arizona. Arizona Wellbeing Commons. Virtual, 9 October 2020.
- Jehn, M, Tompkins HC, Sabin S, Alizadeh C, Ross, H, Pepin S, Pandit U, Kaleta E. Maricopa serosurvey: Assessing the impact of the COVID-19 pandemic in Maricopa County, Arizona using CASPER sampling methodology. Arizona Wellbeing Commons. Virtual, 9 October 2020.
- Ross HM. Down and dirty: Where are we now with COVID? Arizona resources and reliable data for nurses. Arizona Nurses Association Annual Membership Meeting. Virtual, 2 October 2020.
- Ross HM. COVID-19: What does the science say about re-opening? Arizona State University College of Health Solutions CHS Health Talks, Virtual, 8 May 2020.
- 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 31st 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 (*PRESENTATION WITH STUDENTS)

INTERNATIONAL

- Hosman LJ, Ross HM. SolarSPELL Health Libraries for Student Nurses in Malawi. Consortium of Universities for Global Health 2024 Conference, Los Angeles, CA, March 2024. [oral presentation]
- Ross HM, Hosman LJ. SolarSPELL Health: Train the Trainer Fidelity. Consortium of Universities for Global Health 2024 Conference, Los Angeles, CA, March 2024. [poster presentation]
- *Ahmed, A, Gomez, M, Kleinhans A, Doshi, RN, Ross HM. COVID-19 Has Significant Impacts on Arrhythmia Burden in Cardiac Implantable Electronic Device Patients. ACC.23/WCC Annual Scientific Sessions of the American College of Cardiology with the World Heart Federation, New Orleans, LA, March 2023. [poster presentation]
- *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 37th 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 16th 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

- *Ross HM, Dzenga P, Squires A, Bowman DM. Impact of Shelter Settings on Cognitive Decline in Unhoused Older Adults. American Academy of Nursing Health Policy Conference, Washington DC, 1 November 2024. [poster presentation]
- Ross HM. Risk of Algorithmic Bias in Contemporary Atrial Fibrillation Research. HRX 2022 Meeting, San Diego, CA, 8 September 2022. [oral presentation]
- Ross HM. Algorithmic Bias in Atrial Fibrillation Therapies. Conference on Governance of Emerging Technologies and Science, Phoenix, AZ, 19 May 2022. [paper presentation]
- *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 21st 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 30th 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 112th 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 AND MEDIA ENGAGEMENT

TELEVISION, RADIO, AND PRINT

- Phoenix shelter flagged 90% of homeless seniors for signs of dementia*. 12 News. [Video file] (2024, March 12). Retrieved from <https://www.12news.com/article/news/local/valley/90-of-homeless-seniors-show-signs-of-dementia-phoenix-shelter-says/75-8f66da94-c12f-48e9-9b4f-6175231e8ac7>
- Phoenix homeless shelter begins screening older clients for dementia*. *Here and Now on WBUR*. [Audio file] (2023, December 7). Retrieved from <https://www.wbur.org/hereandnow/2023/12/07/homeless-shelter-older-adults>
- Maricopa county's largest homeless shelter screens older residents for dementia*. 91% don't pass [Audio file] (2023, November 8). Retrieved from <https://kjzz.org/content/1861852/maricopa-countys-largest-homeless-shelter-screens-older-residents-dementia-91-dont>
- Heather Ross: ASU Professor*. *Arizona's Evening News on KTAR 620 AM*. [Audio file]. (2023, November 8). Retrieved from https://ktar.com/category/podcast_player/?a=32a28064-d1f1-4217-831a-e859dc63ab0e&n=Arizona%27s+Evening+News&i=1582
- Early conversations about cardiovascular implantable electronic device and end-of-life care: How to be proactive with your patient and family* [Video file]. (2023, May 30). Retrieved from

- <https://www.hmpgloballearningnetwork.com/site/eplab/videos/early-conversations-about-cardiovascular-implantable-electronic-device-and-end>
- More Arizonans calling new mental health hotline 988* [Video file]. (2022, July 28). Retrieved from <https://www.azfamily.com/2022/07/27/more-arizonans-calling-new-mental-health-hotline-988/>
- City of Phoenix wants to divert calls from its police* [Print article]. (2022, July 7). Retrieved from <https://www.phoenixnewtimes.com/news/phoenix-develops-plan-to-divert-calls-from-its-police-13980752>
- Pandemic tech: Local COVID-19 health innovations* [Print article]. (2022, January 13). Retrieved from <https://www.phoenixmag.com/2022/01/13/pandemic-tech-local-covid-19-health-innovations>
- Researchers partner with Phoenix PD to analyze calls with 'customized thinking'* [Print article]. (2021, November 23). Retrieved from <https://www.statepress.com/article/2021/11/asu-researchers-partner-phoenix-police-call-data-analysis>
- ASU computational modelers unleash the power of mathematics and data science to help Arizona in the fight against COVID-19* [Print article]. (2021, October 22). Retrieved from <https://news.asu.edu/20211022-arizona-impact-asu-computational-modelers-fight-against-covid-19>
- Some high vaccination zip codes in Arizona seeing COVID-19 spikes* [Video file]. (2021, August 4). Retrieved from https://www.azfamily.com/news/continuing_coverage/coronavirus_coverage/vaccine_headquarters/some-high-vaccination-zip-codes-in-arizona-seeing-covid-19-spikes/article_ab42289c-f59c-11eb-bb26-9b7c838b0d31.html
- COVID-19 cases rising among Arizona children* [Video file]. (2021, May 3). Retrieved from https://www.azfamily.com/news/continuing_coverage/coronavirus_coverage/covid-19-cases-rising-among-arizona-children/article_c34c899a-ac82-11eb-b81f-9fccbf84794.html?block_id=1035696
- Maryvale getting left behind in Arizona's vaccination race* [Video file]. (2021, April 13). Retrieved from https://www.azfamily.com/news/continuing_coverage/coronavirus_coverage/vaccine_headquarters/maryvale-getting-left-behind-in-arizonas-vaccination-race/article_ca030cc8-9cc9-11eb-b6c1-5f111884cfd1.html
- Q&A: Heather Ross, mayoral adviser, talks COVID-19 fatigue, science and disappearing ICU beds* [Print article]. (2020, November 24). Retrieved from http://www.jewishaz.com/community/q-a-heather-ross-mayoral-adviser-talks-covid-19-fatigue-science-and-disappearing-icu-beds/article_bed0f45a-2e88-11eb-b0d3-37d6d8ecc056.html
- Policy Fellow Heather Ross Tackling Health Issues for Phoenix* [Audio file]. (2020, January 27). Retrieved from <https://theshow.kjzz.org/sites/default/files/ross-show-LG-20200127.mp3?uuid=5e37449df33dc>
- 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

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- Ross, H. M. (2024, March 18). *SB1295: Advanced Practice Nurses; Compact*. Arizona House Health and Human Services Committee.
- Ross, H. M. (2023, March 22). *SB1334: Advanced Practice Nurses; Compact*. Arizona House Regulatory Affairs Committee.
- Ross, H. M. (2022, February 21). *SB1311: Health Care Workers; Assault; Prevention*. Arizona Senate Health and Human Services Committee.
- Ross, H. M. (2022, February 14). *HB2635: Health Care Workers; Assault; Prevention*. Arizona House Health and Human Services Committee.

- Ross, H. M. (2020, February 21). *HB2538: Health Care Workers; Assault; Prevention*. Arizona House Judiciary Committee.
- Ross, H. M. (2019, March 27). *HB2068: Clinical Nurse Specialist (CNS) Prescribing and Dispensing Privileges in Licensed Healthcare Facilities*. Arizona Senate Health and Human Services Committee.
- Ross, H. M. (2019, February 20). *HB2503: Assault; Health Care Practitioner; Classification*. Arizona House Judiciary Committee.
- 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.

PODCAST

- Price, A. L., Ross, H.M., Burget, A. J., Hart, L. L., & Van Decker, W. A. (2023). *CardiaCast: Pulse Check: Advocacy for the Cardiac Professional* [Audio, 4 episodes] (2023, July 21, July 28, August 4, August 11). Retrieved from https://www.acc.org/Latest-in-Cardiology/Articles/2023/07/20/22/24/cardiacaast_21jul2023
- Ross, H. M. (Co-host, Creator, Producer). (2016-2019). *Future Out Loud* [Audio podcast]. Retrieved from <http://www.futureoutloud.org>

TEACHING AND MENTORING

GRADUATE STUDENT COMMITTEES (*CHAired, ^CO-CHAired)

- *2027 (expected) – Alisa Squires, PhD in Nursing, DNP in Adult-Gerontological Nurse Practitioner
- *2027 (expected) – Sabrina Taylor, PhD in Human and Social Dimensions of Science and Technology
- *2026 (expected) – Isabella Valencia, MA in Biology and Society
- ^2026 (expected) – Bonnie Ervin, PhD in Human and Social Dimensions of Science and Technology
- 2026 (expected) – Nafeesha Irshad, PhD in Human and Social Dimensions of Science and Technology
- 2026 (expected) – Christopher Brandt, PhD in Human and Social Dimensions of Science and Technology
- 2026 (expected) – Clare Schuchardt-Vogt, PhD in Nursing and Health Innovation
- *2025 (expected) – Dusty Stripe, MS in Global Health
- *2025 (expected) – Linda Kscheschinski, MS in Global Health
- ^2025 (expected) – Primrose Dzenga, PhD in Innovation in Global Development
- *2025 (expected) – Molly Ament, DNP in Family Nurse Practitioner
- *2025 (expected) – Taliyah Martin, DNP in Family Nurse Practitioner
- *2025 (expected) – Erin Barreras, DNP in Family Nurse Practitioner
- *2025 (expected) – Patricia Inman, DNP in Psychiatric-Mental Health Nurse Practitioner
- 2025 (expected) – Jasmine Bhatti, PhD in Nursing and Healthcare Innovation
- *2024 (expected) – Gabriel Ammirata, Masters in Public Interest Technology
- 2024 (expected) – Natalie Florence, PhD in Human and Social Dimensions of Science and Technology
- *2024 – Amber Austin, DNP in Family Nurse Practitioner
- *2024 – Ashlyn Nam, DNP in Family Nurse Practitioner
- *2024 – Aurelia Taylor, DNP in Family Nurse Practitioner
- *2024 – Stephen Fuller, MS in Global Technology and Development
- 2023 – Davon Van-Veen, PhD in Innovation in Global Development
- *2023 – Kimia Robinson, DNP in Family Nurse Practitioner
- *2023 – Yong Yi Pan, DNP in Adult Gerontological Nurse Practitioner
- *2023 – Rachel Thompson, DNP in Adult Gerontological Nurse Practitioner
- *2023 – Julie DeGregorio, DNP in Acute Care Pediatric Nurse Practitioner
- *2023 – Michelle Raney, DNP in Adult Gerontological Nurse Practitioner
- ^2023 – Amanda Arnold, PhD in Human and Social Dimensions of Science and Technology
- *2022 – Katie Andrusaitis, DNP in Family Nurse Practitioner
- *2022 – Amira Jalaghi, DNP in Family Nurse Practitioner
- *2022 – Betty Dray, DNP in Family Nurse Practitioner
- *2022 – Diamond Chavez, DNP in Family Nurse Practitioner
- *2021 – Melissa Smallwood, Masters in Science and Technology Policy
- 2021 – Rain Richards, PhD in Environmental Engineering
- *2021 – Courtney Raymond, MS in Biology Education
- 2021 – Daniella Saetta, PhD in Environmental Engineering
- *2021 – Dawn Augusta, DNP in Innovation Leadership
- *2021 – Lorraine Hirani, DNP in Innovation Leadership
- *2021 – Kimberli Spencer, DNP in Family Nurse Practitioner
- *2021 – Magi Mumbere, DNP in Family Nurse Practitioner

- *2021 – Monica Ramirez, DNP in Family Nurse Practitioner
- 2020 – Rebecca Monteleone, PhD in Human and Social Dimensions of Science and Technology
- 2020 – Theora Tiffney, PhD in Biology and Society
- *2020 – Matt Contursi, Masters in Science and Technology Policy
- *2020 – Sidney Covarrubias, Masters in Science and Technology Policy
- *2020 – Alyssa Lehn, DNP in Family Nurse Practitioner
- *2020 – Kristen Tyd, DNP in Adult-Gerontological Primary Care Nurse Practitioner
- *2020 – Sherri Rhodes, DNP in Psychiatric-Mental Health Nurse Practitioner
- 2019 – Sulafa Salim, MS in Global Technology and Development
- *2019 – Errold Elad, Masters in Applied Ethics and the Professions
- *2019 – Edna Contreras, Masters in Science and Technology Policy
- *2019 – Emily Blau, DNP in Family Nurse Practitioner
- *2018 – Marcie Jarquin, Masters in Science and Technology Policy
- *2018 – Carol Jean Simpson, DNP in Adult-Gerontological Primary Care Nurse Practitioner
- *2018 – William Fox, DNP in Adult-Gerontological Primary Care Nurse Practitioner
- *2018 – Richelle Miller, DNP in Family Nurse Practitioner
- *2018 – Edyta Pedlowska, DNP in Family Nurse Practitioner
- 2017 – Natalie Provencio Dean, MS in Global Technology and Development
- *2017 – Michelle Arnold, Masters in Applied Ethics and the Professions
- *2017 – Erin Marin Bramblett, Masters in Applied Ethics and the Professions
- *2017 – Marvin Hernandez, Masters in Applied Ethics and the Professions
- *2017 – Alexandra Richards, DNP in Family Nurse Practitioner
- *2017 – Jennifer Woodburn, DNP in Adult-Gerontological Primary Care Nurse Practitioner
- *2017 – Irene Brown, DNP in Family Nurse Practitioner
- *2017 – Emil J. Milas, DNP in Family Nurse Practitioner
- *2017 – Alyssa Smith, DNP in Adult-Gerontological Primary Care Nurse Practitioner
- *2016 – Amy Kleinhans, DNP in Adult-Gerontological Primary Care Nurse Practitioner
- *2016 – Shannon King, DNP in Family Nurse Practitioner
- *2016 – Ashley Mariconti, DNP in Neonatal Nurse Practitioner
- *2016 – Margot Thomas, Masters in Science and Technology Policy
- *2015 – Wayne McIntosh, DNP in Psychiatric-Mental Health Nurse Practitioner
- *2015 – Michelle Davis, DNP in Neonatal Nurse Practitioner
- *2015 – Herendira Valdez, DNP in Psychiatric-Mental Health Nurse Practitioner
- *2015 – Jacob McAuliffe, Masters in Science and Technology Policy
- *2014 – Edna Aurelus, Post-Masters DNP
- *2014 – Jennifer Jacobs, DNP in Adult-Gerontological Primary Care Nurse Practitioner
- *2014 – Jennifer Simpson, DNP in Adult-Gerontological Primary Care Nurse Practitioner

UNDERGRADUATE HONORS THESES CHAIRED

- 2024 – Nora Khaled, Psychology
- 2023 – Elyana Chacon, Biomedical Engineering
- 2023 – Brooke Hesselfeldt, Biological Sciences and Justice Studies
- 2022 – Mia Gomez, Medical Microbiology
- 2022 – Aamina Ahmed, Medical Microbiology
- 2021 – Emma Petersen, Biomedical Engineering
- 2021 – Mpho Olatotse, Biological Sciences
- 2020 – Courtney Raymond, Biology
- 2019 – Brett Erspamer, Economics
- 2018 – Jessica Lehman, Nursing

COURSES TAUGHT

ARIZONA STATE UNIVERSITY

- 2023-2024: PhD Colloquium (HSD 610)
- 2021-2024: Global Health Policy (ASB 504)
- 2020: Pandemics, Policy, and Politics (HSD 598/FIS 494)
- 2013-present: Healthcare Policy Innovation (DNP 711)
- 2019-present: Health Equity and Social Justice (DNP 603)
- 2019-2022: Science and Technology Policy (HSD 501)
- 2019-2023: Uncertainty and Decision Making (HSD 517)

2019: Politics, Markets, and Innovation (FIS 308)
2016-2017: Biomedical Device Design (DNP 691/BME 598)
2015: Disability Technology Ethics and Policy (HSD 691)
2014-2016: Systems Thinking in a Complex Healthcare Environment (DNP 708)
2014-2015: Innovation in Communication and Information Systems (DNP 710)
2014: Health Literacy (reading & conference) (DNP 690)
2012-2015: Evidence-Based Practice Principles (DNP 704)
2012-2013: Healthcare Outcomes Management (DNP 705)

BRANDMAN UNIVERSITY

2011: Evidence-Based Thinking
2011: Outcomes Management
2011: DNP Role Transition
2011: Nursing Theory for Advanced Practice
2011: Leading through Innovation

GATEWAY COMMUNITY COLLEGE

2007-2008: Clinical Evaluation of Medical Devices