

Katie Halbmaier, DNP, ARNP
Nurse Practitioner
Associate Professor of Instruction

HVC Administration Hallway, C43 GH
200 Hawkins Drive
Iowa City, IA 52242
Phone: 319-356-7374; Fax: 319-353-7331
Email: katie-halbmaier@uiowa.edu

EDUCATION

2014-2018 Doctor of Nursing Practice, University of Iowa, Iowa City, IA
Family Nurse Practitioner
Project: Evaluating the practicality of clinic-wide utilization of a psychotropic assay

2010-2013 Bachelor of Science in Nursing, University of Iowa, Iowa City, IA

Post-graduate Training

2018-2019 Cardiology Residency, University of Iowa, Iowa City, IA
2016 Summer Genetics Institute, National Institute of Health (NIH), Bethesda, MD

LICENSURE

2021-present	Controlled Substance Registration	DEA	MH4972483
2018-present	Certified Family Nurse Practitioner	State of Iowa Board of Nursing	A136020
2014-present	Registered Nurse	State of Iowa Board of Nursing	136020

CERTIFICATIONS

2023-present	Advanced Clinical Genomics Nursing	Nurse Portfolio Credentialing Commission 19113047
2020-present	Advanced Cardiovascular Life Support	American Heart Association 206502302714
2020-present	Basic Life Support	American Heart Association 205502062047
2018-present	Family Nurse Practitioner	American Academy of Nurse Practitioners F07181010

PROFESSIONAL EXPERIENCE

Academic Appointments

2025-present Associate Professor of Instruction, University of Iowa College of Nursing, Iowa City, IA
2021-2025 Instructional Track Lecturer, University of Iowa College of Nursing, Iowa City, IA
2016-2021 Adjunct Lecturer, University of Iowa College of Nursing, Iowa City, IA

Clinical Appointments

2025-present Clinical Trial Principle Investigator, University of Iowa Healthcare, Iowa City, IA
2025-present ACACIA-HCM, Study Protocol CY6033
2025-present DISCOVER-HCM, Study Protocol CV027012

2023-present Clinical Trial Sub-investigator, University of Iowa Healthcare, Iowa City, IA
2024-2025 ACACIA-HCM, Study Protocol CY6033
2023-2025 ODYSSEY-HCM, Study Protocol CY027031
2023-2025 DISCOVER-HCM, Study Protocol CV027012
2023 SEQUOIA-HCM, Study Protocol CY6031

2019-present Advanced Registered Nurse Practitioner, General Cardiology and Cardiovascular Genetics Clinics, University of Iowa Healthcare, Iowa City, IA

2014-2016 Registered Nurse, Mercy Des Moines Central Campus, Des Moines, IA

HONORS AND AWARDS

2023-2024 Patient Choice Award, University of Iowa Healthcare, Iowa City, IA
2022 Pesek Humanitarian Award recipient, University of Iowa, Cardiology, Iowa City, IA

SCHOLARSHIP

Publications

Peer reviewed journal articles (* denotes data-based paper; † denotes current or former student and faculty mentees)

1. Conley, V.M., Daack-Hirsch, S., **Halbmaier, K.**, & Shah, L. (2020) Bringing personalized medicine to a PACT program: A quality improvement project. *J Am Psychiatr Nurses Assoc* 26(1):77-85. doi: 10.1177/1078390319826687
2. **Halbmaier, K.**, Beutner, K., Daniels, C., & Eggert, J. (2017) Genetics in the cardiovascular ICU. *Nurs Crit Care* 12(5):14-24. doi: 10.1097/01.CCN.0000520644.32617.a6
3. Huber, D., Lindell, J., **Halbmaier, K.**, Carlson, M., Crill, S., Krieger, K., Matthys, N., & Mundisev, A. (2016) Leadership for transitions of care: an active learning innovation. *J Contin Educ Nurs* 47(2):82-88. doi: 10.3928/00220124-20160120-09

Instructional Materials

1. Ahmad, F., de Feria, A., Gopinathannair, R., **Halbmaier, K.**, Marzolf, A., Hermsen, J. (2022) HCM Clinical Review. *American Heart Association*. Retrieved from <https://www.aha-clinical-review-hcm.com/>

Media

1. **Halbmaier, K.** (2025) Recognizing the signs: Understanding and improving diagnosis of hypertrophic cardiomyopathy in women. *Daily Nurse*. Retrieved from https://www.dailynurse.com/recognizing-the-signs-understanding-and-improving-diagnosis-of-hypertrophic-cardiomyopathy-in-women/?shareadraft=baba66662_683867d9351b7

Research and Clinical Presentations

(* denotes data-based paper; † denotes current or former student and faculty mentees)

International

1. **Halbmaier, K.** (2016) *Evaluating the practicality of clinic-wide utilization of a psychotropic assay*. Annual International Society of Nurses in Genetics (ISONG) Conference, Dublin, Ireland. [poster]

National

1. Harper, M., **Halbmaier, K.** & Kurnides, M. (2025) *Multidisciplinary insights: Best practices or diagnosing and managing obstructive hypertrophic cardiomyopathy*. Hypertrophic Cardiomyopathy Medical Society, Cytokinetics Industry Presentation, New Orleans, LA. [invited podium]
2. **Halbmaier, K.** & Tainish, J. (2025) *The critical role of advanced practice providers and nurses in the diagnosis and management of patients with hypertrophic cardiomyopathy*. Prevention Cardiovascular Nurse Association, Cytokinetics Industry Presentation, Orlando, FL. [invited podium]
3. Jacoby, D. & **Halbmaier, K.** (2024) *Navigating the complexities of HCM: Addressing delayed diagnosis, disease burden, and shared decision-making*. American Heart Association Scientific Session, Cytokinetics Industry Theatre, Chicago, IL. [invited podium]

State/Regional

1. **Halbmaier, K.** (2025) *Tips and tools for diagnosis and management of cardiomyopathy*. Iowa Nurse Practitioner Society Fall CEU Conference, Des Moines, IA. [invited podium]
2. **Halbmaier, K.** (2025) *Obstructive hypertrophic cardiomyopathy: Basic work-up..* Heart Failure 360, University of Iowa Heart and Vascular Center, Iowa City, IA. [invited podium]
3. Ahmad, F., Hodgson-Zingman, D., & **Halbmaier, K.** (2024) *Cardiac problems in myotonic dystrophy*. Myotonic Dystrophy Foundation Regional Conference, Iowa City, IA. [invited podium]
4. **Halbmaier, K.** (2023) *Cardiac amyloidosis*. Heart Failure 360, University of Iowa Heart and Vascular Center, Iowa City, IA. [invited podium]
5. **Halbmaier, K.** (2023) *Cardiovascular genetics*. Iowa Public Health Association Lunch & Learn. [invited online presentation]
6. **Halbmaier, K.** & Conley, V. (2023) *Cardiac amyloidosis*. University of Iowa College of Nursing Preceptor Conference. [invited online presentation]

7. **Halbmaier, K.** (2022) *Hypertrophic cardiomyopathy*. Heart Failure 360, University of Iowa Heart and Vascular Center, Iowa City, IA. [invited podium]
8. Briasoulis, A., **Halbmaier, K.**, & Baker, J. (2019) *Case study part I: Advanced therapies for systolic heart failure*. 6th Annual Advances in Cardiovascular Diagnosis and Therapy, University of Iowa Heart and Vascular Center, Iowa City, IA. [invited podium]
9. **Halbmaier, K.** & Conley, V. (2018) *Implementation and outcomes of incorporating pharmacogenomics into the prescriptive decision making*. Iowa Nurse Practitioner Society Fall CEU Conference, West Des Moines, IA. [invited podium]
10. **Halbmaier, K.** & Conley, V. (2017) *Evaluating the practicality of clinic-wide utilization of a psychotropic assay*. Annual International Society of Nurses in Genetics (ISONG) Conference, Reston, VA. [podium]
11. **Halbmaier, K.** (2013) *Is the family history of type 2 diabetes a practical screening tool?* 25th Annual International Society of Nurses in Genetics (ISONG) Conference, Bethesda, MD. [podium]

Local

2. **Halbmaier, K.** (2025) *Camzyos (mavacamten): A difference you can see and patients can feel*. Bristol Meyer Squibb sponsored dinner, Dubuque, Iowa. [invited branded presentation]
3. **Halbmaier, K.** (2025) *Camzyos (mavacamten): A difference you can see and patients can feel*. Bristol Meyer Squibb sponsored dinner, Ottumwa, Iowa. [invited branded presentation]
4. **Halbmaier, K.** (2025) *Camzyos (mavacamten): A difference you can see and patients can feel*. Bristol Meyer Squibb sponsored dinner, West Des Moines, Iowa. [invited branded presentation]
5. **Halbmaier, K.** (2025) *Left ventricular hypertrophy*. University of Iowa lung transplant team conference. [invited presentation]
6. **Halbmaier, K.** (2013) *Is the family history of type 2 diabetes a practical screening tool?* Sigma Theta au-Gamma Nursing Research Day, Sigma Theta Tau-Gamma, Iowa City, IA. [poster]
7. **Halbmaier, K.** (2013) *Is the family history of type 2 diabetes a practical screening tool?* Spring Undergraduate Research Festival, University of Iowa, Iowa City, IA. [poster]

SERVICE

Society/Association Membership, Participation, and Leadership

2020-present American Heart Association

July 2023-present

Council on Genomic and Precision Medicine
Nominating Committee

2020-present American College of Cardiology

	October 2020-February 2021	Introduction to Women in Cardiology high school event, committee chair
	October 2021	Iowa American College of Cardiology Annual Chapter Meeting, moderator
2020-present	American Association of Nurse Practitioners	
2016-present	Iowa Nurse Practitioner Society	
2013-present	International Society of Nurses in Genetics	
	March 2016–May 2017	Professional Practice Committee member

Professional Consultation

June 2024-present	Advisory board member, Cytokinetics
March-July 2023	Panelist, Delphi study to formalize Competencies for Genomics Nurse Educators (CGNE)

University

University of Iowa Healthcare, Iowa City, IA

2025-present	Epicgenomics Implementation Task Force, cardiovascular genomics member
2024-present	Advanced Practice Provider (APP) Consulting Group, member
2021, 2024	Progress Conference planning committee, member
2023	Heart Failure 360 Conference planning committee

Collegiate Service

Task Forces and Ad Hoc Committees

2023-2024	3 P's (Pathophysiology, Pharmacology, Physical Assessment) Assembly for Curriculum Mapping
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Standing Committees

2014-2018	Association of Graduate Nursing Students
2017-2018	DNP Forum Committee Chair
2016	Technology Committee Chair
2016-2017	Vice President
2016	Cultural Diversity Committee Chair

Community Service

Health-related community organizations and groups

2011-2013	Mobile Clinic, intake clerk and health educator, volunteer
2010-2011	University of Iowa, NICU volunteer

TEACHING

Instructional Activities

Course Instruction

2016-present	NURS:3734 - Introduction to Human Genetics. Primary instructor, 20% effort, undergraduate RN-BSN, ~30-40 students, fall and spring semesters.
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2019-present NURS: 5040 - Genetics/Genomics for Advanced Nursing Practice, Co-instructor, 20% effort, graduate DNP, ~50-60 students, summer semester.

New Course Development

2019 NURS: 5040 - Genetics/Genomics for Advanced Nursing Practice, graduate DNP students.

Guest Lectures

2025 NURS:6011 Chinese University of Hong Kong, Genetic and Genomic Nursing Study Stream of the Master of Nursing Program. Three recorded lectures on genetic testing, ~20 students.

2024 NURS:5014 - Graduate Physiology for Advanced Practice. University of Iowa course. 12 recorded lectures covering 13 textbook chapters (2 weeks of content) on Cardiac Structure, Cardiac Pump, Electrophysiology, and Circulation, FNP students, ~45 students.

2023-2025 NURS:6703 - Advanced Practice Clinical Practicum III. University of Iowa course. In-person lecture on Advanced Cardiac Evaluation and Diagnosis, DNP students, ~20 students.

2018 NURS:3138 - Nursing Pharmacological Interventions. University of Iowa course. In-person lecture on Personalized Health Care, pre-licensure BSN students, ~80 students.

2018 NURS:3518 - Nursing Pathology. University of Iowa course. Recorded lecture on “omics” with in-class activity, pre-licensure BSN students, ~80 students.

2017 University of New Mexico pharmacology course. Two recorded lectures on Pharmacogenomics, DNP students, ~50 students.

2016-2018 NURS:5025 - Physiology and Pathophysiology for Advanced Practice. University of Iowa course. Five recorded lectures on Overview of Genetics/Genomics, Genetic Variation and Epigenetics, Mendelian Patterns of Inheritance, Chromosomal Patterns of Inheritance, and Nonmendelian Patterns of Inheritance, DNP students, ~30 students.

2016-2018 NURS:5029 - Pharmacotherapeutics for Advanced Clinical Practice. University of Iowa course. Two recorded lectures on Pharmacogenomics, DNP students.

2016 NURS:6100 - Primary Care: Infants, Children, and Adolescents. University of Iowa course. Four in-person lectures on Overview of Genetics/Genomics, Genetic Variation and Epigenetics, Mendelian Patterns of Inheritance, and Nonmendelian Patterns of Inheritance, DNP students, ~30 students.

Mentoring, Advisement, and Preceptorship

Faculty Mentorship

2023-present Chandra Miller, teaching Genetics in NURS:3734 and NURS:5040

2020- 2021 Young-Eun Cho, teaching Genetics in NURS:3734

2017-2018 Caitlin Dreisbach, teaching Genetics in NURS:3734

Graduate DNP Capstone Project Mentoring

2024-2025 Andrea Damon, Enhancing early detection of familial hypercholesterolemia through provider education and HER-integrated screening in primary care and cardiology clinics

Undergraduate Honors Designation Project Mentoring: NURS 1030

2024-2025 Nicole Weiland, Optimizing the accessibility and effectiveness of cardiovascular patient education

2020 Katie Van Cleve, Educational interventions for fluid management in heart failure

Precepting FNP-track DNP Student Clinical Preceptor

2025 Amber Hoffman, 66 hours

2025 Mason Kerian, 24 hours

2025 Ellie Buris, 24 hours

2024 Caitlin Al-Ostaz, 180 hours

2023 Lan Potter, 60 hours

2022 Judith Pena-Quevedo, 32 hours