

Katie Halbmaier, DNP, ARNP
Nurse Practitioner
Instructional Track Lecturer

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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

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|--------------|-------------------------------------|--------------------------------|-----------|
| 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

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|--------------|--------------------------------------|--|
| 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

- 2021-present 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

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

- 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/>

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]

State/Regional

1. Ahmad, F., Hodgson-Zingman, D., & **Halbmaier, K.** (2024) *Cardiac problems in myotonic dystrophy*. Myotonic Dystrophy Foundation Regional Conference, Iowa City, IA. [invited podium]
2. **Halbmaier, K.** (2023) *Cardiac amyloidosis*. Heart Failure 360, University of Iowa Heart and Vascular Center, Iowa City, IA. [invited podium]
3. **Halbmaier, K.** (2023) *Cardiovascular genetics*. Iowa Public Health Association Lunch & Learn. [invited online presentation]
4. **Halbmaier, K.** & Conley, V. (2023) *Cardiac amyloidosis*. University of Iowa College of Nursing Preceptor Conference. [invited online presentation]
5. **Halbmaier, K.** (2022) *Hypertrophic cardiomyopathy*. Heart Failure 360, University of Iowa Heart and Vascular Center, Iowa City, IA. [invited podium]
6. 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]
7. **Halbmaier, K.** & Conley, V. (2018) *Implementation and outcomes of incorporating pharmacogenomics into the prescriptive decision making*. Iowa Nurse Practitioner Society (INPS) 2018 Fall CEU Conference, West Des Moines, IA. [invited podium]
8. **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]
9. **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

1. **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]
2. **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, reviewer for fellowship
nominees

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

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

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, 2024 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

Undergraduate Honors Designation Project Mentoring: NURS 1030

2000 Katie Van Cleve, Educational interventions for fluid management in heart failure

Precepting FNP-track DNP Student Clinical Preceptor

2024 Caitlin Al-Ostaz, 180 hours

2023 Lan Potter, 60 hours

2022 Judith Pena-Quevedo, 32 hours