Camille J. Hochheimer, PhD

Biostatistician

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Education

Virginia Commonwealth University (VCU) *Richmond, VA*
Doctor of Philosophy (PhD) from the Department of Biostatistics *August 2014 - May 2019*

The University of Virginia (UVA) *Charlottesville, VA*
Bachelor of Arts (BA) in Spanish, Minor in Mathematics *August 2010 - May 2014*
Graduated with distinction

Skills

Programming	SAS, R, Stata, MATLAB, SQL, LaTeX, Python, Linux
Software	REDCap, SPSS, nQuery, JMP, GIS, Microsoft Suite
Foreign Language	Spanish (proficient)

Professional Experience

Colorado School of Public Health, Center for Innovative Design and Analysis *Denver, CO*
Research Associate *July 2021 - present*
- Managing the workflow of the consulting center and supervising research instructors, PRAs, and graduate research assistants
- Collaborating on data collection and analysis with the University of Colorado's Department of Family Medicine
- Assisting with project development, data management, and data analysis with the University of Colorado's Department of Medicine Division of Gastroenterology and Hepatology

UVA Department of Public Health Sciences *Charlottesville, VA*
Postdoctoral Research Associate *September 2019 - June 2021*
- Conducting methods research surrounding functional data analysis and change-point hazard distributions
- Performing signal processing and functional data analysis on respiratory monitoring data
- Analyzing survey data on cancer clinical trial consent and participation

VCU Department of Family Medicine and Population Health *Richmond, VA*
Graduate Research Assistant *January 2015 - May 2019*
- Consulted and collaborated with the Family Medicine Research Team
- Assisted with research project development, data management, statistical language for grant applications, hierarchical statistical analyses, and manuscript preparation

VCU Department of Biostatistics *Richmond, VA*
Graduate Teaching Assistant *August 2014 - December 2014*
- TA for Statistical Methods I course offered to non-statistics graduate students
- Grading and office hours

Charlottesville Office of Emergency Management *Charlottesville, VA*
Public Outreach Intern *June 2013 - August 2013*
- Organized existing outreach materials
- Created and implemented new materials for use at outreach events

Virginia Capital Representation Resource Center *Charlottesville, VA*
Electronic File Manager *May 2012 - August 2012*
- Sorted and electronically filed legal documents from capital cases

The EMMES Corporation *Rockville, MD*
Intern *June 2011 - August 2011*
- Recruited physicians from stroke centers nationwide for a clinical trial
- Conducted project closeout for a clinical trial

Clinical Research Collaborations

A Multicenter Randomized Trial of Seattle Biopsy Protocol Versus Wide-Area Transepithelial Sampling in Patients with Barrett's Esophagus Undergoing Surveillance (The SWAT-BE Study)

University of Colorado Department of Medicine Division of Gastroenterology and Hepatology

Denver, CO

July 2021 - present

- Investigator: Sachin Wani
- Serving as lead statistician on a national, multi-center trial comparing methods of biopsy sampling during endoscopy
- Refining the statistical analysis plan

Comparing home, office and telehealth induction for medication assisted treatment for opioid use disorder (HOMER)

University of Colorado Department of Family Medicine

Denver, CO

January 2021 - present

- Investigator: Linda K. Zittleman, MSPH
- Assisting with data management plan development as part of the HOMER Data Team
- Leading the development of REDCap tools for data collection, patient screening, and randomization

Analysis of respiratory kinematics (ARK)

UVA Center for Advanced Medical Analytics

Charlottesville, VA

September 2019 - present

- Investigator: Shrirang M. Gadrey, MBBS, MPH
- Summarizing streaming respiratory monitoring data using signal processing
- Assessing periodic trends and creating an algorithm to detect respiratory distress using functional data analysis
- Preparing materials for patent application

Retention in cancer clinical trials: Modeling patients' risk benefit assessments

UVA Department of Public Health Sciences

Charlottesville, VA

September 2019 - present

- Investigator: Connie M. Ulrich, PhD, RN, FAAN
- Performing analysis of the impact of shared decision-making, cancer type, and other patient factors on risk-benefit assessment and informed consent

Virginia Care Study: Engaging primary care practices in understanding the communities they serve

VCU Department of Family Medicine and Population Health

Richmond, VA

December 2017 - May 2019

- Investigator: Alex Krist, MD, MPH
- Performed data management using state-wide databases
- Assisted with grant proposal and poster preparation

Characteristics of patients receiving opioid prescriptions from primary care clinicians

VCU Department of Family Medicine and Population Health

Richmond, VA

December 2017 - May 2019

- Investigator: Sebastian Tong, MD, MPH
- Synthesized several data sources and matched prescription orders to their generic counterpart
- Performed Chi-square, binomial regression, and Kruskal-Wallis analyses
- Assisted with poster and manuscript preparation

Factors influencing guideline implementation (FIGI)

VCU Department of Family Medicine and Population Health

Richmond, VA

October 2017 - June 2020

- Investigator: Sebastian Tong, MD, MPH
- Created a database of clinician characteristics
- Synthesized data sources across multiple health systems
- Led manuscript preparation and assisted with poster preparation

Understanding the characteristics of family physicians who provide Buprenorphine treatment

VCU Department of Family Medicine and Population Health

Richmond, VA

April 2017 - April 2018

- Investigator: Sebastian Tong, MD, MPH
- Performed hierarchical modeling and mapping
- Assisted with poster and manuscript preparation

Intention to practice obstetrics at application for initial board certification

VCU Department of Family Medicine and Population Health

Richmond, VA

January 2017 - January 2018

- Investigator: Sebastian Tong, MD, MPH
- Performed hierarchical modeling and mapping
- Assisted with manuscript preparation

Clinical Research Collaborations cont.

Honduras outreach medical brigade relief effort (HOMBRE)

VCU Department of Family Medicine and Population Health and the Dominican Aid Society of Virginia

Richmond, VA

August 2016 - December 2017

- Investigator: Mark Ryan, MD
- Assisted with study planning and IRB application
- Randomized patients, performed data management, provided data summaries, and analyzed longitudinal data using a GLMM
- Assisted with oral presentation preparation and led manuscript preparation

Understanding the value of community vital signs in Primary Care (CVS)

VCU Department of Family Medicine and Population Health

Richmond, VA

February 2016 - January 2018

- Investigator: Winston Liaw, MD, MPH
- Provided data summaries and assisted with analyses applying a formative measurement model
- Assisted with manuscript preparation

Identifying gaps in well-child care attendance among primary care clinics serving low-income families

VCU Department of Family Medicine and Population Health

Richmond, VA

November 2015 - September 2018

- Investigator: Elizabeth Wolf, MD, MPH
- Collaborated on project development and performed hierarchical modeling
- Assisted with manuscript preparation

Implementing personal health records to promote evidence-based cancer screening

VCU Department of Family Medicine and Population Health

Richmond, VA

March 2015 - May 2019

- Investigator: Alex H Krist, MD, MPH
- Assisted with project planning and data management
- Performed data management and provided data summaries
- Assisted with preparation of several poster presentations

Understanding patient preferences for informed decision-making

VCU Department of Family Medicine and Population Health

Richmond, VA

January 2015 - July 2017

- Investigator: Steven H Woolf, MD, MPH
- Provided data management, data summaries, and regression analyses
- Assisted with manuscript preparation
- Performed analyses including a GLMM and led preparation of a manuscript analyzing study dropout

Statistical Consulting

Occlusion curriculum in the US
University of Colorado School of Dental Medicine

Denver, CO

August 2021

- Investigator: Krithika Baskaran, BDS, DDS
- Created an analysis plan for survey data and supervised the analysis
- Assisted with writing the abstract

Feasibility of a novel device for assessing visual field deficit via telemedicine
UVA Department of Ophthalmology

Charlottesville, VA

October 2020 - present

- Investigator: Nina J Solenski, MD
- Assisting with project development, provided a data analysis plan and sample size estimate

Retrospective comparison of Kahook Dual Blade goniotomy and Trabectome trabeculotomy as standalone treatment or combined with phacoemulsification for glaucoma
UVA Department of Ophthalmology

Charlottesville, VA

October 2020 - present

- Investigators: Peter Netland, MD PhD
- Created data analysis plan and provided a sample size estimate

Effects of socioeconomic status on overall survival in patients with Glioblastoma
VCU Department of Neurosurgery

Richmond, VA

September 2017 - December 2018

- Investigators: Alper Dincer and William Broaddus, MD, PhD
- Performed data management, regression and survival analyses

Demographic and clinical predictors of survival in Glioblastoma Multiforme
VCU Department of Neurosurgery

Richmond, VA

September 2017 - December 2019

- Investigators: Matthew Carr and William Broaddus, MD, PhD
- Performed data management and survival analyses
- Assisted with manuscript preparation

Supporting practice to adopt registry-based care (SPARC)
VCU Department of Family Medicine and Population Health

Richmond, VA

August 2016

- Investigator: Rebecca Etz, PhD
- Randomized practices and provided practice-specific summaries of diabetes-specific health metrics

Obstructive sleep apnea and hip and knee arthroplasty
VCU Department of Orthopaedic Surgery

Richmond, VA

January 2016 - April 2016

- Investigator: Matthew Thompson, MD
- Provided data management and data summaries
- Performed chi-square and regression analyses
- Assisted with manuscript preparation

Group prenatal care in U.S. family medicine residencies
VCU Department of Family Medicine and Population Health

Richmond, VA

August 2016 - December 2017

- Investigator: Sebastian Tong, MD, MPH
- Performed regression analyses for a poster and resubmission of a manuscript

Calcineurin inhibitor dosing strategy after allogeneic hematopoietic stem cell transplant
VCU School of Pharmacy

Richmond, VA

August 2015 - May 2016

- Investigator: Sarah M. Francis, PharmD
- Assisted with IRB submission by providing a power analysis and methods section
- Provided data summaries and performed logistic regressions

Software

cpsurvsim: Simulating survival data from change-point hazard distributions
Hochheimer CJ

Comprehensive R Archive Network
June 2019

Publications

Spectrum of Advanced Colorectal Neoplasia and Anticipated Yield of Average-Risk Screening in Veterans Under Age 50
Yen T, Scolaro J, Montminy E, Karlitz JJ, Wani S, Patel SG, Estrada V, Espinoza JM, Lewis C, Scott FI, Tarter W, **Hochheimer C**

Clinical Gastroenterology and Hepatology

November 2021

Analysis of Respiratory Kinematics: a method to characterize breaths from motion signals
Ashe W, Shanno J, Innis S, **Hochheimer C**, Williams R, Ratcliffe S, Moorman J, Gadrey S
Under Second Review

Physiological Measurement

Primary Care Provider Knowledge and Practice in Risk Assessment for Early Age Onset Colorectal Cancer: Opportunities for Improvement
Parekh A, **Hochheimer C**, Espinoza J, Karlitz J, Lewis C, Wani S, Patel S
Under Review

Family Practice

Informed consent among clinical trial participants with different cancer diagnoses
Ulrich CM, Ratcliffe SJ, **Hochheimer CJ**, Zhou Q, Gordon T, Knafl K, Richmond T, Miller V, Mao JJ, Naylor M, Grady C
Under review

Trials

cpsurvsim: An R package for simulating data from change-point hazard distributions
Hochheimer CJ, Sabo RT
Under review

The R Journal

Testing for phases of dropout attrition using change-point hazard models

Hochheimer CJ, Sabo RT

Journal of Survey Statistics and Methodology
September 2021

Uptake of Statin Guidelines to Prevent and Treat Cardiovascular Disease

Tong ST, Sabo RT, **Hochheimer CJ**, Brooks EM, Jiang V, Huffstetler AN, Kashiri PL, Krist AH

Journal of the American Board of Family Medicine
January 2021

Patient, clinician, and communication factors associated with colorectal cancer screening
Krist AH, **Hochheimer CJ**, Sabo RT, Puro J, Peele E, Kashiri PL, Vernon SW
PMID: 32989073

Journal of the American Board of Family Medicine
October 2020

Practice, clinician and patient factors associated with the adoption of lung cancer screening
Hochheimer CJ, Sabo RT, Tong ST, Westfall M, Wolver SE, Carney S, Day T, Krist AH
PMID: 32605509

Journal of Medical Screening

June 2020

Publications cont.

Comorbid medical conditions as predictors of overall survival in glioblastoma patients

Carr MT, **Hochheimer CJ**, Rock AK, Dincer A, Ravindra L, Zhang FL, Opalak CF, Poulos N, Sima AP, Broaddus WC

PMID: 31882968

Scientific Reports

December 2019

Using practical thresholds and existing statistical methods to identify attrition phases

Hochheimer CJ, Sabo RT, Perera RA, Mukhopadhyay N, Krist AH

PMID: 31444875

Journal of Medical Internet Research

August 2019

Chronic opioid prescribing in primary care: Factors and perspectives

Tong ST, **Hochheimer CJ**, Brooks EM, Sabo RT, Jiang V, Day T, Rozman JS, Kashiri PL, Krist AH

PMID: 31085523

The Annals of Family Medicine

May 2019

Geographic characteristics of loneliness in primary care

Tong ST, Mullen RA, **Hochheimer CJ**, Sabo RT, Liaw WR, Nease DE, Krist AH, Frey JJ

PMID: 30858259

The Annals of Family Medicine

March 2019

Identifying gaps in well-child care attendance among primary care clinics serving low-income families

Wolf ER, **Hochheimer CJ**, Sabo RT, DeVoe J, Wasserman R, Geissal E, Opel DJ, Warren N, Puro J, O'Neil J, Pecsok J, Krist AH

PMID: 30305388

Pediatrics

October 2018

Buprenorphine provision by early career family physicians

Tong ST, **Hochheimer CJ**, Peterson L, Krist AH

PMID: 30201642

The Annals of Family Medicine

September 2018

Living in "cold spot" communities is associated with poor health and health quality

Liaw W, Krist AH, Tong ST, Sabo RT, **Hochheimer C**, Rankin J, Grolling D, Grandmont J, Bazemore AW

PMID: 29743218

Journal of the American Board of Family Medicine

May 2018

Characteristics of graduating family medicine residents who intend to practice maternity care

Tong ST, **Hochheimer CJ**, Barr WB, Leveroni-Calvi M, LeFevre NM, Wallenborn JT, Peterson LE

PMID: 29537478

Family Medicine

March 2018

Engaging patients in decisions about cancer screening: Exploring the decision journey through the use of a patient portal

Woolf SH, Krist A, Lafata JE, Jones R, Lehman R, **Hochheimer C**, Sabo RT, Frosch D, Fisher BZ

PMID: 29241715

American Journal of Preventive Medicine

February 2018

Probability of undiagnosed obstructive sleep apnea does not correlate with adverse pulmonary events nor length of stay in hip and knee arthroplasty

Thompson M, Clinger B, Simonds R, **Hochheimer C**, Lahaye L, Golladay G

PMID: 28622969

The Journal of Arthroplasty

September 2017

Addressing non-communicable disease on short-term medical trips: A longitudinal study of hypertension treatment in Santo Domingo

Hochheimer C, Khalid M, Vy M, Chang G, Tu D, Ryan M

PMID: 29221519

The Annals of Global Health

August 2017

Publications cont.

Harnessing information technology to help patients make better decisions: Cancer screening as a test case

The Annals of Family Medicine

Krist AH, Woolf SH, **Hochheimer C**, Sabo RT, Kashiri PL, Jones RM, Lafata JE, Etz RS, Tu SP
PMID: 28483886

May/June 2017

Methods for evaluating respondent attrition in online survey data

Journal of Medical Internet Research

Hochheimer C, Sabo RT, Krist AH, Day T, Cyrus J, Woolf SH
PMID: 27876687

November 2016

Oral Presentations

From signal processing to functional data analysis: Analyzing a system of streaming data from different sources

Virtual

Hochheimer CJ, Ratcliffe SJ, Ashe W, Williams R, Gadrey SM
Eastern North American Region (ENAR), International Biometric Society

March 2021

Identifying predictors of respiratory distress using time series methods

Virtual

Hochheimer CJ, Ratcliffe SJ, Ashe W, Williams R, Gadrey SM
Joint Statistical Meetings

August 2020

Geographic characteristics of loneliness in primary care

Toronto, Ontario

Mullen R, Liaw W, Nease D, Krist AH, **Hochheimer C**, Sabo RT
North American Primary Care Research Group Annual Meeting

November 2019

Classification of geographic areas based on primary care access, usage and associations with social determinants of health

Toronto, Ontario

Sabo RT, Krist AH, **Hochheimer C**, Donahue E
North American Primary Care Research Group Annual Meeting

November 2019

Estimating attrition phases using a change-point hazard model

Richmond, VA

Hochheimer C, Sabo RT
Biostatistics Student Research Symposium

August 2018

Estimating survey attrition phases using change-point models

Vancouver, BC

Hochheimer C, Sabo RT, Krist AH
Joint Statistical Meetings

July 2018

Characteristics of early-career family physicians prepared to provide and currently providing buprenorphine treatment

Washington, DC

Tong ST, **Hochheimer C**, Aycock R, Krist AH, Peterson L
Society of Teachers of Family Medicine Annual Spring Conference

May 2018

Estimation of survey attrition phases: Empirical and change- point models

Richmond, VA

Hochheimer C, Sabo RT
Biostatistics Student Research Symposium

August 2017

Empirical estimation of survey attrition phases

Baltimore, MD

Hochheimer C, Sabo RT
Joint Statistical Meetings

July 2017

Observed variations in the social determinants of health between practices within a health system

Colorado Springs, CO

Krist AH, Liaw W, Bazemore A, Woolf SH, Phillips R, Sabo RT, **Hochheimer C**, Rankin J, Grandmont J, Kashiri P, Tong S, Grolling D
North American Primary Care Research Group Annual Meeting

November 2016

Oral Presentations cont.

Empirical estimation of survey attrition phases
Hochheimer C, Sabo RT
Biostatistics Student Research Symposium

Richmond, VA
August 2016

Do short-term medical trips make a difference in treating NCDs?
Ryan M, Chang G, **Hochheimer C**, Khalid M, Tu D, Vy M
AAFP Family Medicine Global Health Workshop

Atlanta, GA
September 2016

Engaging patients in cancer screening decision-making through health information technology
Krist AH, Woolf SH, Sabo RT, Tu S, Lafata JE, Lehman R, **Hochheimer C**, Kashiri PL, Etz R, Jones R
North American Primary Care Research Group Annual Meeting

Cancun, Mexico
November 2015

Respondent attrition in a patient-centered cancer screening survey
Hochheimer C, Sabo RT
Biostatistics Student Research Symposium

Richmond, VA
August 2015

Poster Presentations

Comparing outcomes based on home, office, or telehealth induction for opioid use treatment with Buprenorphine
Zittleman L, Westfall J, Fernald D, Dickinson LM, Kwan B, Carroll J, Sofie B, Hall T, Felzien M, **Hochheimer C**, Lutgen C, Nease D
North American Primary Care Research Group Annual Meeting

Virtual

November 2021

cpsurvsim: **An R package for simulating data from change-point hazard distributions**
Hochheimer CJ, Sabo RT
American Statistical Association Virginia Chapter Annual Conference

Charlottesville, VA

October 2019

Comorbid medical conditions as predictors of overall survival in surgical patients with glioblastoma
Carr MT, Dincer A, Ravindra L, Zhang FL, **Hochheimer C**, Rock AK, Opalak CF, Sima A, Richard H, Broaddus WC
Society for Neuro-Oncology Annual Meeting

New Orleans, LA

November 2018

Factors associated with treatment delays and their effect on survival in patients with glioblastoma multiforme
Dincer A, Carr MT, Rock AK, **Hochheimer C**, Ravindra L, Zhang FL, Opalak CF, Sima A, Broaddus WC
Society for Neuro-Oncology Annual Meeting

New Orleans, LA

November 2018

Implementing USPSTF recommendations: The inclusion of lung cancer screening in primary care practice
Silver N, Tong ST, Sabo RT, Donahue E, **Hochheimer C**, Day T, Krist AH
North American Primary Care Research Group Annual Meeting

Chicago, IL

November 2018

Virtual diabetic education to engaged patients in care with uncontrolled diabetes – a randomized control trial
Krist AH, Taylor L, Robins J, **Hochheimer C**, Sabo RT, Kashiri PL, Rozman J, Day T, Kolenda M, Lutz S, Tong ST, Longo D
North American Primary Care Research Group Annual Meeting

Chicago, IL

November 2018

Patients' understanding of preventive services: High confidence and low knowledge
Rozman J, Krist AH, Kashiri PL, Day T, **Hochheimer C**, Sabo RT, DeVoe J, Vernon S, Parchman M, Warren N, Geissal E
North American Primary Care Research Group Annual Meeting

Chicago, IL

November 2018

Understanding postal survey response rates: A multi-PBRN experience surveying more disadvantaged populations
Kashiri PL, Webel B, Sabo RT, DeVoe J, Geissal E, Dearing M, Warren N, Day T, **Hochheimer C**, Rozman J, Krist AH
North American Primary Care Research Group Annual Meeting

Chicago, IL

November 2018

Implementation challenges with engaging low-income patients online with personalized educational material to promote evidence-based preventive care
Krist AH, Sabo RT, **Hochheimer C**, Kashiri PL, Warren N, Dearing M, Geissal E, Krabbenhoft C, Williams R, Parchman M, Iwamoto G, Vernon S, Day T, DeVoe J, Woolf SH
North American Primary Care Research Group Annual Meeting

Chicago, IL

November 2018

When less is better: Implementing changes in U.S. Preventive Services Task Force cancer screening recommendations
Tong ST, Sabo RT, **Hochheimer C**, Day T, Krist AH
North American Primary Care Research Group Annual Meeting

Chicago, IL

November 2018

Poster Presentations cont.

The health literate care model: Using myhealthfinder to engage patients in improving the quality of preventive care
Rozman J, Tong ST, Kashiri PL, Sabo RT, **Hochheimer C**, Day T, Epling J, Brostek E, Harris L, Schrock C, Krist AH
North American Primary Care Research Group Annual Meeting

Chicago, IL

November 2018

Association between clinician communication and decision making on colorectal cancer screening for more disadvantaged patients
Ghafoor R, Rozman J, Kashiri PL, Sabo RT, **Hochheimer C**, Day T, Vernon S, Krist AH
North American Primary Care Research Group Annual Meeting

Chicago, IL

November 2018

Visualizing primary care access and community health outcomes in Virginia
Jiang V, Krist AH, Tong ST, Russell K, Petterson S, Sabo RT, **Hochheimer C**, Day T, Chapman D, Carrozza M, Rankin J, Bazemore A, Liaw W
North American Primary Care Research Group Annual Meeting

Chicago, IL

November 2018

Engaging patients in self-management: A randomized controlled trial of the diabetes *Engagement and Activation* platform
Robins J, Krist AH, Taylor L, **Hochheimer C**, Day T, Sabo RT, Kashiri PL, Rozman J, Kolenda M, Lutz S, Longo DR
American Academy of Nursing Transforming Health, Driving Policy Conference

Washington, DC

November 2018

Engaging patients in self-management: A randomized controlled trial of the diabetes *Engagement and Activation* platform
Robins J, Krist AH, Taylor L, **Hochheimer C**, Day T, Sabo RT, Kashiri PL, Rozman J, Kolenda M, Lutz S, Longo DR
VCU School of Nursing Langston Center Annual Symposium

Richmond, VA

September 2018

Estimating survey attrition phases using change-point models
Hochheimer C, Sabo RT, Krist AH
Joint Statistical Meetings

Vancouver, BC

July 2018

Visualizing primary care use in Virginia
Jiang V, Tong ST, **Hochheimer C**, Sabo RT, Day T, Russell K, Krist AH
North American Primary Care Research Group Practice-based Research Network Conference

Bethesda, MD

June 2018

Visualizing primary care access in Virginia
Jiang V, Tong ST, Sabo RT, **Hochheimer C**, Kashiri PL, Rozman J, Day T, Krist AH
Society of Teachers of Family Medicine Annual Spring Conference

Washington, DC

May 2018

Characteristics of patients receiving opioid prescriptions from primary care clinicians
Tong ST, **Hochheimer C**, Sabo RT, Day T, Krist AH
The American Society of Addiction Medicine Annual Conference

San Diego, CA

April 2018

Engaging low income patients online with personalized educational material to promote evidence-based preventive care: Barriers to adoption and implementation and the implications for practice-level effectiveness
Krist AH, Aycock RA, Kashiri PL, **Hochheimer C**, Sabo RT, Peele E, Warren N, Dearing M, Geissal E, Krabbenhoft C, Williams R, Iwamoto G, Parchman M, Stange K, Day T, Devoe J, Vernon S, Woolf S
10th Annual Conference on the Science of Dissemination and Implementation in Health

Arlington, VA

December 2017

Provision of continuing medical education as a means of engaging practices to implement workflow changes and a patient portal to promote preventive care
Krist AH, Kashiri PL, Brooks EM, Warren N, Dearing M, Krabbenhoft C, Geissal E, **Hochheimer C**, Sabo RT, Williams RL, Iwamoto G, Parchman ML, Stange KC, DeVoe J
North American Primary Care Research Group Annual Meeting

Quebec, Canada

November 2017

Poster Presentations cont.

Engaging low income patients online with personalized educational material to promote evidence-based preventive care: Preliminary results from a national practice-level randomized controlled trial

Krist AH, Kashiri PL, **Hochheimer C**, Sabo RT, Dearing M, Warren N, Geissal E, Williams RL, Krabbenhoft C, Iwamoto G, Stange KC, Parchman ML, Dat T, DeVoe J, Woolf SH

North American Primary Care Research Group Annual Meeting

Quebec, Canada

November 2017

Understanding the patient, clinician, practice, and health system factors influencing clinical practice guideline implementation

Tong ST, **Hochheimer C**, Sabo RT, Kashiri PL, Day T, Krist AH

North American Primary Care Research Group Annual Meeting

Quebec, Canada

November 2017

Characteristics of early career family physicians providing buprenorphine treatment

Tong ST, **Hochheimer C**, Aycock R, Krist AH, Peterson L

North American Primary Care Research Group Annual Meeting

Quebec, Canada

November 2017

Integrating population health and clinical data to understand the characteristics of patients receiving opioid prescriptions from primary care clinicians

Tong ST, Sabo RT, **Hochheimer C**, Kashiri PL, Dietrich E, Day T, Krist AH

North American Primary Care Research Group Practice-based Research Network Conference

Bethesda, MD

June 2017

Impact of implementing an electronic medical record on an international medical mission

Weeks JB, Hickman J, **Hochheimer C**, Ryan M

Consortium of Universities for Global Health Conference

Washington, D.C.

April 2017

Integrating population health and clinical data to understand the opioid epidemic in two health systems

Tong ST, Kashiri PL, Sabo RT, **Hochheimer C**, Woolf SH, Krist AH

North American Primary Care Research Group Annual Meeting

Colorado Springs, CO

November 2016

Penetrance and practice outcomes of group prenatal care in U.S. family medicine residencies: A CERA secondary data analysis

Barr WB, Tong ST, LeFevre NM, **Hochheimer C**

AAFP Family Centered Maternity Care

Madison, WI

August 2016

Evaluation of calcineurin inhibitor dosing strategy after allogeneic hematopoietic stem cell transplant

Francis SM, Aziz MT, Chung HM, **Hochheimer C**

Hematology/Oncology Pharmacy Association

Atlanta, GA

March 2016

Methods for evaluating dropout attrition in online survey data

Hochheimer C, Sabo RT, Woolf SH, Krist AH, Day T

Eastern North American Region (ENAR), International Biometric Society

Austin, TX

March 2016

Respondent attrition in a patient-centered cancer screening survey

Hochheimer C, Sabo RT, Woolf SH, Krist AH, Day T

Daniel T. Watts Research Poster Symposium

Richmond, VA

October 2015

Change in prostate cancer screening practice after new USPSTF recommendations

Krist AH, Arkind J, Romney C, Aycock R, Williams R, Puro J, Longo D, DeVoe J, Tu SP, Wolver S, Etz R, Day T, **Hochheimer C**, Sabo RT

North American Primary Care Research Group Annual Meeting

Cancun, Mexico

November 2015

Grants

Home versus Office versus Telehealth for Medication Enhanced Recovery (HOMER)

Patient-Centered Outcomes Research Institute   *July 2020 - June 2023*

- Investigators: Linda K. Zittleman, MSPH; Donald E. Nease, MD
- Grant # IHS-2019C1-16167

Analysis of respiratory kinematics (ARK): Novel wearable technology for remote detection of labored breathing in COVID-19 patients

Ivy Foundation COVID-19 Translational Research Fund   *August 2020 - July 2021*

- Investigator: Shrirang M Gadrey, MBBS, MPH
- Pilot grant

Developing high-quality tools to characterize allograft quality, predict transplant outcomes, and expand access to kidney and liver transplantation

National Institutes of Health   *July 2020 - June 2024*

- Investigators: Peter P. Reese, MD, MSCE; Sarah J. Ratcliffe, PhD; David S. Goldberg, MD
- Grant # R01-DK123041

Retention in cancer clinical trials: Modeling patients' risk benefit assessments

National Institutes of Health / NCI   *December 2014 - November 2019*

- Investigator: Connie M. Ulrich, PhD, RN, FAAN
- Grant # R01-CA196131-05

Quantitative analysis of breathing motion signals for high-impact respiratory monitoring

UVA Center for Engineering in Medicine   *October 2019 - May 2020*

- Investigator: Shrirang M. Gadrey, MD, MPH
- Seed grant

A randomized control trial to evaluate how family physicians use a novel chronic opioid registry combining individual and place-based data to reduce harms

American Academy of Family Physicians Joint Grant Awards Program   *January 2017 - December 2017*

- Investigator: Sebastian Tong, MD, MPH
- Pilot grant

Understanding health system, practice, clinician and patient factors associated with the implementation of new clinical practice guidelines

Agency for Healthcare Research and Quality   *September 2016 - May 2018*

- Investigator: Sebastian Tong, MD, MPH
- R03

Identifying gaps in well-child care (WCC) attendance among primary care clinics serving low-income families

American Academy of Pediatrics   *January 2016 - February 2017*

- Investigator: Elizabeth Wolf, MD, MPH
- Pilot grant

Understanding the value of community vital signs in primary care

Virginia Commonwealth University Center for Clinical and Translational Research (CCTR) Endowment Fund Grant   *January 2016 - December 2016*

- Investigator: Alex Krist, MD, MPH
- Pilot grant

Implementing personal health records to promote evidence based cancer screening

National Institutes of Health / NIMH   *January 2013 - June 2018*

- Investigator: Alex Krist, MD, MPH
- Grant # R01-CA168795-03

Professional & Community Service

Eastern North American Region (ENAR), International Biometric Society   *Virtual*

Session Chair and Organizer   *June 2020 - March 2021*

- Researched and recruited statisticians whose research contributes to identifying, assessing, and alleviating health disparities
- Submitted a session proposal that was accepted by ENAR as an invited session
- Organized session logistics and prepared tailored questions for each speaker
- Facilitated session entitled, "Statistics and Equity Research"

Annual Biomedical Research Conference for Minority Students   *Virtual*

Abstract Reviewer & Poster Judge   *September 2020 - November 2020*

- Assessed abstracts from college and post-baccalaureate students for acceptance to the conference
- Judged ePoster competition and provided individual feedback

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Women in Medical Sciences at UVA   *Charlottesville, VA*

Volunteer   *January 2020 - Present*

- Served as a judge for a poster symposium at a local high school
- Attend organization meetings, panels, and lectures

Team fEMR   *Detroit, MI*

Volunteer Statistical Consultant   *January 2019 - present*

- Assist with project reports summarizing patients served on medical missions
- Helped refine the electronic data collection tool

Neighborhood Resource Center   *Richmond, VA*

Volunteer   *February 2017 - February 2019*

- Volunteered for the Out-of-School Time Program
- Helped students complete their homework and led afternoon classes

American Statistical Association (ASA)

Member   *February 2016 - Present*

- Attend and present at ASA sponsored conferences
- Member of the Justice, Equity, Diversity, and Inclusion Outreach Group
- Volunteer with ASAGivesBack

Committees

VCU Department of Biostatistics Promotion and Tenure Committee   *Richmond, VA*

Student representative   *August 2016 - November 2016*

- Served as student representative for the promotion of Dr. Dipankar Bandyopadhyay
- Solicited student recommendations and assisted with report on teaching

Biostatistics Tea Time   *Richmond, VA*

Chair   *August 2015 - August 2017*

- Established a monthly networking hour for students and faculty
- Planned and led group activities for each meeting and provided refreshments for attendees

Teaching & Mentoring

UVA Department of Public Health Sciences
Guest lecturer

Charlottesville, VA
August 2020 - present

- Organizing and presenting lectures for the Biostatistics I course for the Masters in Public Health program
- Creating supplemental R code for all course content

Biostatistical Consulting Laboratory
Education and Research Assistant

Richmond, VA
October 2016 - May 2019

- Organized and presented lectures on study design for pediatric residents at VCU
- Assisted with study development and analyses with the VCU Department of Neurosurgery
- Mentored junior students on effective statistical collaboration

VCU Career Services
Panel member

Richmond, VA
September 2017

- Served as a panel member for a "Navigating Conferences" workshop
- Advised students on how to prepare an elevator speech and successfully engage with other researchers at conferences

VCU Department of Biostatistics
Guest lecturer

Richmond, VA
March 2017

- Presented a lecture for Structural Equation Modeling, a graduate-level course, on mediation analysis
- Created and worked through a mediation analysis tutorial with students in R

Honors & Awards

2019	**Honorable Mention,** Society of Teachers of Family Medicine Research Paper of the Year	*Leawood, KS*
2018	**Third Place,** Biostatistical Student Research Symposium	*Richmond, VA*
2018	**CTSA Team Science Award in Informatics,** Langston Center Annual Symposium	*Richmond, VA*
2018	**Elected to Graduate Student Honor Society,** Alpha Epsilon Lambda	*Richmond, VA*
2018	**School of Medicine Scholarly Achievement Award,** The Honor Society of Phi Kappa Phi	*Richmond, VA*
2017	**Second Place,** Biostatistical Student Research Symposium	*Richmond, VA*
2017	**Best Poster in Behavioral Health,** NAPCRG PBRN Conference 2017	*Bethesda, MD*
2017	**School of Medicine Scholarly Achievement Award,** The Honor Society of Phi Kappa Phi	*Richmond, VA*
2016	**Second Place,** Biostatistical Student Research Symposium	*Richmond, VA*
2016	**C.C. Clayton Award,** VCU School of Medicine	*Richmond, VA*
2016	**Third Place,** Biostatistical Student Research Symposium	*Richmond, VA*
2016	**Travel Grant to attend ENAR,** VCU Graduate School	*Richmond, VA*
2015	**Elected to Honor Society,** The Honor Society of Phi Kappa Phi	*Richmond, VA*
2012	**ACC Scholar Athlete Award,** UVA Athletics Banquet	*Charlottesville, VA*
2012	**National Champions,** NCAA Rowing National Championships	*Mercer Lake, NJ*
2012	**ACC Champions,** ACC Rowing Championships	*Clemson, SC*
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