

UNIVERSITY OF PENNSYLVANIA - PERELMAN SCHOOL OF MEDICINE
Curriculum Vitae

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Bonnie Ky, MD, MSCE

Address: Hospital of the University of Pennsylvania
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If you are not a U.S. citizen or holder of a permanent visa, please indicate the type of visa you have:
none (U.S. citizen)

Education:

1995	BS	Massachusetts Institute of Technology (Chemical Engineering)
2001	MD	University of Pennsylvania (Medicine)
2009	MSCE	University of Pennsylvania (Clinical Epidemiology)

Postgraduate Training and Fellowship Appointments:

2001-2002	Intern in Medicine, Hospital of the University of Pennsylvania, Philadelphia
2002-2004	Resident in Medicine, Hospital of the University of Pennsylvania, Philadelphia
2004-2007	Fellowship in Cardiology, Hospital of the University of Pennsylvania, Philadelphia
2007-2008	Fellowship, Cardiology Noninvasive Research, Hospital of the University of Pennsylvania, Philadelphia

Military Service:

[none]

Faculty Appointments:

2008-2010	Instructor in Medicine, Division of Cardiology, Department of Medicine, Hospital of the University of Pennsylvania, Philadelphia
2010-2016	Assistant Professor of Medicine at the Hospital of the University of Pennsylvania, University of Pennsylvania School of Medicine
2010-2018	Assistant Professor of Epidemiology in Biostatistics and Epidemiology, University of Pennsylvania School of Medicine (Secondary)
2016-2018	Assistant Professor of Medicine, University of Pennsylvania School of Medicine
2018-2020	Associate Professor of Medicine, University of Pennsylvania School of Medicine

2018-present	Associate Professor of Epidemiology in Biostatistics and Epidemiology, University of Pennsylvania School of Medicine (Secondary)
2020-present	Founders Associate Professor of Cardio-Oncology, University of Pennsylvania School of Medicine

Hospital and/or Administrative Appointments:

2010-present	Attending Physician, Hospital of the University of Pennsylvania, Cardiology Consult and/or CCU service, 1-2 inpatient blocks/yr.
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Other Appointments:

1995-1997	Biochemical Engineer, Vaccine Bioprocess R&D, Merck Research Laboratories, Merck & Co., Inc.
2008-present	Faculty Member, Cardiovascular Institute, University of Pennsylvania School of Medicine
2008-present	Faculty Member, Institute for Translational Medicine and Therapeutics, University of Pennsylvania School of Medicine
2010-present	Faculty Member, Graduate Group in Epidemiology and Biostatistics, Biomedical Graduate Studies Program, University of Pennsylvania School of Medicine
2014-present	Director, Penn Center for Quantitative Echocardiography
2014-present	Member, Abramson Cancer Center
2016-present	Visiting Professorship, Washington University School of Medicine
2017-present	Director, Penn Cardio-Oncology Center of Excellence
2017-2018	Thesis Committee, University of Oslo
2017	Ronald Pennock Memorial Visiting Professor, Drexel University
2018-present	CCEB Appointments Committee Chair, Center for Clinical Epidemiology and Biostatistics Appointments Committee
2020	Visiting Professorship, MD Anderson Cancer Center

Specialty Certification:

2004	Internal Medicine, American Board of Internal Medicine
2007	Cardiovascular Medicine, American Board of Internal Medicine
2007	Level III Echocardiography, National Board of Echocardiography
2007	Level II Nuclear Cardiology, Certification Board of Nuclear Cardiology

Licensure:

2003	Pennsylvania (Active)
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Awards, Honors and Membership in Honorary Societies:

1995	Sigma Xi National Scientific Research Society
1995	Tau Beta Pi National Engineering Honor Society
2000	Alpha Omega Alpha Honor Society
2001	American Medical Women's Association Scholarship Achievement Citation
2004	Edward W. Holmes Resident Research Award
2007	American College of Cardiology Women's Career and Leadership Development Conference Travel Award (unable to attend)
2007	Heart Failure Society of America Fellows Conference Travel Award
2008	Kynett-FOCUS Junior Faculty Investigator Award
2008	Division of Cardiology Outstanding Fellow Research Award
2008	Center for Translational Research K12 Institutional Career Development Award
2008	Heart Failure Society of America Research Fellowship Award
2009	Bradley Patient-Oriented Research Award
2010	McCabe Fellow Award
2016	American College of Cardiology Section Awards, 3rd place Cardio-Oncology Intensive
2017	The American Society of Clinical Investigation
2017	Best Doctors in America
2018-present	Philadelphia's Top Doctors
2018	American Medical Association Mid-Career Faculty Leadership Conference (selected to attend)
2019-present	Sarnoff Foundation Scientific Committee
2019	American Heart Association Certificate of Research Excellence
2019	Chi Dang Collaboration Award
2020	Eastern Cooperative Group-American College of Radiology Imaging Network Young Investigator Award

Memberships in Professional and Scientific Societies and Other Professional Activities:

International:

2010-Present	International CardiOncology Society (Member; Board of Directors, Scientific Committee; Annual Meeting Scientific Planning Committee)
2017-Present	Heart Failure Association of the European Society of Cardiology (Invited Member of Cardio-Oncology Workshop 2017)

National:

2008-Present	American College of Cardiology (Fellow, 2010-present; AHA/ACC Guidelines Writing Committee, 2012-present; Cardio-Oncology Executive Council, 2014-present; Inaugural Cardio-Oncology Live Course, Course Director, 2016-present;
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- Annual Meeting Program Committee, 2016-2018;
 Annual Meeting Program Committee Heart Failure Chair and Co-Chair, 2016-2018;
 Emerging Faculty, 2017-present
 Cardio-Oncology Roundtable Planning Committee and Chair, 2017-present
 Cardio-Oncology Patient Forum Chair, 2019-present)
- 2008-Present American Heart Association (Member, 2008-present;
 AHA/ACC Guidelines Writing Committee for Drugs that May Exacerbate Heart
 Failure, 2012-2015;
 Grant Reviewer for Cardiac Biology Reg Group Basic Science 4, 2013; Grant
 Reviewer, 2014;
 AHA/ACC Guidelines Writing Committee Breast Cancer and Cardiovascular
 Disease, 2015-2019
 AHA Cardio-Oncology Biomarker Guidelines Committee, 2020-Present)
- 2009-2015 American Society of Echocardiography (Member, 2009-2015;
 Cardio-Oncology Guidelines Writing Committee, Biomarker Section Leader,
 2012-2015)
- 2010-Present Cardiac Safety Research Consortium (Member, Writing Committee, 2011)
- 2010-Present Heart Failure Society of America (Member, Research Committee, 2012-present;
 Chair, Research Committee, 2015-present;
 Member, Program Committee, 2016-present)
- 2013-Present NCI Community Oncology Cardiotoxicity Task Force (Invited Member)
- 2014-2016 American Society of Clinical Oncology (Invited Member, Cancer Survivors Cardiac
 Dysfunction Panel, Question 4 Leader)
- 2014-Present Eastern Cooperative Group/American College of Radiation Network (Chair,
 Cardiotoxicity Subcommittee)
- 2017-2019 NIH, Clinical and Integrative Cardiovascular Sciences Study Section (Ad Hoc
 Reviewer)
- 2018 NIH, Provocative Question #12 Study Section (Ad Hoc Reviewer)
- 2018-Present NIH, Small Business Innovation Research Study Section (Ad Hoc Reviewer)
- 2019-Present NIH, Cancer, Heart, Sleep Epidemiology Study Section B (Ad Hoc Reviewer)
- 2020-Present NIH, Clinical Integrative Cardiovascular and Hematological Sciences Study Section

Editorial Positions:

2008-Present	Ad hoc reviewer, Circulation
2009-Present	Ad hoc reviewer, Journal of the American Society of Echocardiography
2009-Present	Ad hoc reviewer, Journal of Cardiac Failure
2010-Present	Ad hoc reviewer, American Journal of Cardiology
2010-Present	Ad hoc reviewer, Pharmacoepidemiology and Drug Safety
2010-Present	Ad hoc reviewer, Journal of the American College of Cardiology
2010-Present	Ad hoc reviewer, Circulation Heart Failure
2011-Present	Ad hoc reviewer, European Journal of Heart Failure
2012-Present	Ad hoc reviewer, Journal of the American Heart Association
2012-Present	Ad hoc reviewer, Breast Cancer Research and Treatment
2015-Present	Editorial Board, Cardio-Oncology
2016-Present	Ad hoc reviewer, JAMA Cardiology
2016-Present	Editorial Board, Circulation
2017-Present	Editorial Board, Circulation Heart Failure
2018-Present	Ad hoc reviewer, Journal of Clinical Oncology
2018-2019	Cardio-Oncology Section Editor, Journal of the American College of Cardiology
2019-Present	Associate Editor, Journal of the American College of Cardiology
2019-Present	Editor-in-Chief, Journal of the American College of Cardiology: CardioOncology

Academic and Institutional Committees:

2008-2012	Echocardiography Committee Section Leader, University of Pennsylvania Cardiovascular Division Complex Genetics Initiative
2013-present	Interview Committee, Cardiology Fellowship Program
2015-2018	Search Committee, Nuclear Cardiology Director
2016-present	Search Committee, Vascular Medicine Director
2017-2019	Search Committee, Echocardiography Faculty Member
2020	Review Committee, Department of Genetics

Major Academic and Clinical Teaching Responsibilities:

2008-2009	Mentor, Scholarly Pursuit Project and Medical Student Fellowship in Women's Health - Tyler Johnson Medical Student, University of Pennsylvania
2009	"Circulating Neuregulin-1Beta in Human Heart Failure" - Hospital of the University of Pennsylvania Division of Cardiology Grand Rounds
2009	"The Role of Circulating Neuregulin-1 β in Heart Failure and Chemotherapy Induced Cardiotoxicity" University of Pennsylvania Center for Clinical Epidemiology and Biostatistics, Philadelphia, PA
2010-2013	Mentor, Division of Cardiology - Arman Qamar, MD
2010	Mentor and Master's Thesis Committee, Division of Biostatistics and Epidemiology - Kosha Ruparel, BS
2010	"Cardiac Toxicity Related to Cancer Treatment," Abramson Cancer Center Survivorship Retreat

2011	Mentor and Master's Thesis Committee, Division of Biostatistics and Epidemiology - Milena Kurtinecz, BS
2011-2015	Mentor, Division of Cardiology - Abigail Khan, MD
2011-2013	Mentor, Division of Cardiology - Parin Patel, MD
2011-2013	Mentor, Division of Cardiology - Craig Alpert, MD
2011-2012	Course Instructor, Biostatistics in Epidemiology STATA Lab, CCEB Master's in Clinical Epidemiology Program
2011	"Cancer Therapy Cardiotoxicity" - Penn Abramson Cancer Center Grand Rounds, University of Pennsylvania School of Medicine
2011	"The Relevance of Vascular Endothelial Growth Factors in Chronic Heart Failure and Cancer Therapy Cardiotoxicity" - Penn Cardiovascular Institute Seminar, University of Pennsylvania School of Medicine
2011-2017	Fellows Echo Conference
2012-2013	Division of Cardiovascular Medicine Medical Resident Liaison
2012-Present	Mentor, Scholarly Pursuit Project. Kathleen Wang, Medical Student and Resident, University of Pennsylvania; Fellow, Washington University
2012	"Multimarker Risk Prediction in Cancer Therapy Cardiotoxicity," Abramson Cancer Center Breast Program Scientific Retreat, University of Pennsylvania School of Medicine
2012-2014	Mentor and Postdoctoral Thesis Committee, Institute of Translational Medicine. Kathleen Sturgeon, PhD
2012-2014	Mentor, Division of Cardiology - Ashwin Murthy, MD
2012-2013	Course Instructor, Introduction to Epidemiology, Penn Medicine Core Curriculum 2000
2012-2013	Course Instructor, Protocol Development, CCEB Master's in Clinical Epidemiology Program
2013	"Cancer Therapy Cardiotoxicity," Division of Cardiology Grand Rounds
2013	"The Cardiovascular Effects of Sunitinib Therapy," Penn CVI Translational Research Symposium
2013-2014	Mentor, Division of Cardiology - Wilson Grandin, MD
2013-2017	Mentor, Center for Clinical Epidemiology and Biostatistics - Grace Wang, MD
2013-Present	Interview Committee, Cardiology Fellowship Program
2013-2015	Mentor, Division of Cardiology - Virginia Shalkey Hahn, MD
2014-Present	Mentor, Center for Epidemiology and Biostatistics - Hari Narayan, MD; Faculty Member, University of California at San Diego
2014-2017	Mentor, Division of Cardiology - Guarav Gulati, MD
2014-2015	Mentor, Division of Cardiology - Rupal O'Quinn, MD
2014-2015	Mentor, Scholarly Pursuit Project, Caitlin Drescher, Medical Student, University of Pennsylvania
2015-2016	Mentor, Division of Cardiology - Teresa Wang, MD
2015-2018	Mentor, Center for Clinical Epidemiology and Biostatistics - Michael DiLorenzo, MD

2015	Thesis Committee Member, Master's in Translational Research Institute of Translational Medicine and Therapeutics, Payman Zamani, MD
2016	Cardiac Masses, University of Pennsylvania Cardiology Fellows Echocardiography Lecture
2017	"Cancer Therapy Cardiotoxicity: Use of Imaging and Biomarkers for Risk Prediction," University of Pennsylvania Department of Medicine Grand Rounds, Bench to Bedside
2017	"Cardio-oncology," Keynote Address, Penn Cardio-Oncology Educational Intensive
2017-Present	"Strain Echocardiography," University of Pennsylvania, Fellow Echocardiography Lecture
2017-Present	"How to Measure in Echocardiography," University of Pennsylvania Cardiology Fellows Lecture
2017-Present	Mentor, Postdoctoral Fellow- Biniyam Demissei
2017-2020	Mentor, Center for Clinical Epidemiology and Biostatistics- Suparna Clasen, MD
2017-Present	Mentor, Kelly Getz, PhD (Career Development Award)
2017-Present	Mentor, Kasey Leger, MD (NIH Loan Repayment Award)
2018-Present	Mentor, Center for Clinical Epidemiology and Biostatistics- Natasha Vedage, MD (Masters Student)
2018-2020	Secondary Mentor, Alexandra Dreyfuss, Masters in Translational Research Program
2019-Present	Mentor, Center for Clinical Epidemiology and Biostatistics- Lova Sun, MD (Masters Student)
2019	Translational Insights into Anti-Angiogenic Tyrosine Kinase Inhibitor Cardiotoxicity - Italy-Philadelphia Convergence on Kidney Cancer Symposium, Philadelphia, PA
2019-2020	Mentor, Elizabeth Thompson (AHA Student Fellowship Award, Okun Family Cardiovascular Scholarship, CCEB Summer Research Fellowship
2020	Thesis Committee, Carissa Livingston, Masters in Translational Research

Lectures by Invitation (Last 5 years):

Feb, 2016	"Improving Cancer Patient Care: Trade-offs between Efficacy and Toxicity," American Association for the Advancement of Science, Global Science Engagement Annual Meeting, Washington, DC
Mar, 2016	"Imaging in Chemotherapy Induced Cardiotoxicity," American College of Cardiology, Chicago, IL
Apr, 2016	"Cancer Therapy Cardiotoxicity: Mechanisms and Risk Prediction," Visiting Professorship and Grand Rounds Speaker, Washington University, St. Louis, MO
May, 2016	"Early Identification of Subclinical Cardiac Toxicity- The Role of Biomarkers and Non-Invasive Imaging, "Memorial Sloan Kettering: A Comprehensive Approach to Cardiovascular Health and Disease

- Before and After Cancer Therapy," New York, NY
- Jun, 2016 "Cancer Therapy Cardiotoxicity," Tufts University Division of Cardiovascular Medicine Visiting Professorship and Grand Rounds, Boston, MA
- Aug, 2016 "What's Next in Heart Failure," Roche ProCardio Symposium, Rome, Italy
- Sep, 2016 "Can We Prevent Heart Failure Following Chemotherapy," Heart Failure Society of America, Orlando, FL
- Sep, 2016 "Cardiovascular Toxicity Assessment in Oncology Trials Workshop," Food and Drug Administration, American College of Cardiology, American Society of Clinical Oncology, and American Association for Cancer Research Workshop, Silver Spring, MD
- Nov, 2016 "Use of Biomarkers in Cardio-Oncology," 4th International Conference on Cancer and the Heart, MD Anderson Cancer Center, Houston, TX
- Nov, 2016 "Predicting and Preventing Cardiomyopathy in Patients with Cancer," American Heart Association, New Orleans, LA
- Nov, 2016 "Cardiotoxicity in Survivors", Eastern Cooperative Group Meeting Late Effects Symposium, Orlando, FL
- Jan, 2017 "How I Use Echocardiography in Cardio-Oncology," Philadelphia Cardiovascular Institute, Philadelphia, PA
- Jan, 2017 "Cancer Therapy Cardiotoxicity," Lankenau Medical Center Cardiovascular Grand Rounds, Wynnewood, PA
- Jan, 2017 "Cancer Therapy Cardiotoxicity: Mechanistic Risk Prediction," University of California at San Diego Sulpizio Cardiovascular Medicine Grand Rounds," San Diego, CA
- Mar, 2017 "The Emerging Field of Cardio-Oncology," China International Heart Failure Congress Plenary Session, Beijing, China
- Mar, 2017 "How Do I Use Echocardiography in Cardio-Oncology", China International Heart Failure Congress, Beijing, China
- Mar, 2017 "Biomarkers in Cardio-Oncology", China International Heart Failure Congress, Beijing, China
- May, 2017 "Cardio-Oncology," Stamford Hospital Grand Rounds, Stamford, CT
- May, 2017 "Breast Cancer & Cardio-Oncology," Eastern Cooperative Group Meeting Breast Cancer Committee, Washington, DC
- Jul, 2017 "The Epidemiology and Clinical Assessment of Cancer Therapy Related Cardiac Dysfunction," American Association of Clinical Chemistry, San Diego, CA
- Sep, 2017 "Know When to Hold 'em: Drugs to Avoid or Use Cautiously in Heart Failure: Oncology Drugs", Heart Failure Society of America, Dallas, TX
- Oct, 2017 "Cardiovascular Imaging Endpoints in Oncology Clinical Trials," Cardiac Safety Research Consortium Cardio-Oncology Think Tank, Silver Spring, MD
- Oct, 2017 "Cardio-Oncology: Current Approaches to the Cardiovascular Care

- of Your Cancer Patient," Cardiology Philadelphia 2017, Philadelphia, PA
- Nov, 2017 "Cancer Therapy Cardiotoxicity: What Mechanisms are at Play?," American Heart Association Annual Meeting: Heart Failure: State of the Art (ACC/AHA Joint Session), Anaheim, CA
- Nov, 2017 "Crystal Ball or Shattered Glass? Screening and Predicting Cancer Therapy Induced Cardiomyopathy," American Heart Association Annual Meeting Emerging Science in Cardio-Oncology, Anaheim, CA
- Nov, 2017 "Biomarkers in Heart Failure with Recovered Ejection Fraction," American Heart Association Annual Meeting Heart Failure with Improved or Recovered Ejection Fraction: What Do We Know?, Anaheim, CA
- Nov, 2017 "The Evolving Landscape of Cancer Therapy Cardiotoxicity" and "Mechanistic Risk Prediction," Ronald Pennock Memorial Visiting Professor at Drexel University Department of Medicine and Cardiology Grand Rounds, Philadelphia, PA
- Dec, 2017 "Imaging Modalities to Diagnose Cardiovascular Toxicities with Immunotherapy," Second Annual Cardio-Oncology Workshop at the FDA," Silver Spring, MD
- Mar, 2018 "Primary Prevention: How Do We Protect the Heart?" American College of Cardiology Scientific Sessions Unanswered Questions in Cancer and Heart Failure, Orlando FL
- Mar, 2018 "Fundamentals of Cardio-Oncology: What the Imager Needs to Know," American College of Cardiology Scientific Sessions Cardio-Oncology Imaging: How to Do it Right, Orlando FL
- Apr, 2018 "Deep Cardiovascular Phenotyping in Cardio-Oncology," Brigham and Women's Cardiovascular Medicine Grand Rounds, Boston, MA
- Apr, 2018 "Late Onset Cardiotoxicity in Adult Survivors of Childhood Cancer: Incidence, Risk Factors and Individual CV Risk Prediction," Cardio-Oncology Symposium, Chicago, IL
- Apr, 2018 "Cardiotoxicity with Modern Breast Cancer Therapies," Memorial Sloan Kettering Medical Grand Rounds, New York, NY
- Jun, 2018 "Standardizing the Collection of Cardiovascular Risk Factors: ECOG-ACRIN Case Report Form," NCI/NHLBI Changing Hearts and Minds: Cancer Treatment Cardiotoxicity," Bethesda, MD
- Jun, 2018 "Standardizing Biomarker and Imaging Across Studies: ECHO Exemplar," NCI/NHLBI Changing Minds and Changing Hearts: Cancer Treatment Cardiotoxicity, Bethesda, MD
- Jun, 2018 "Research Progress in Cardio-Oncology," 12th Oriental Congress of Cardiology, Shanghai, China
- Sep, 2018 "Year in Review: Top Basic/Translational Research Studies in Cardio-Oncology," Global Cardio-Oncology Summit, Tampa, FL
- Oct, 2018 "Future Biomarkers in Cardio-Oncology," European Society of Cardiology Heart Failure Association Biomarker Symposium," Prague

- Dec, 2018 "Approach to Cardiac Toxicity from Cancer Therapy," Temple University School of Medicine, Philadelphia, PA
- Feb, 2019 "Mechanistic Risk Prediction in Cardio-Oncology" Cardiology Grand Rounds, Beth Israel and Deaconess Medical Center, Boston, MA
- Apr, 2019 "Advances in the Evolving Field of Cardio-Oncology," Cardiology Grand Rounds, Massachusetts General Hospital, Boston, MA
- Apr, 2019 "Cardiotoxicity of Cancer Therapy," Cardiology Grand Rounds, Northwestern University, Chicago, IL
- Apr, 2019 "Cardio-Oncology," Cardiology Grand Rounds, Washington Medstar, Washington, DC
- May, 2019 "The Intersection between Breast Cancer and CVD," Cardiometabolic Health Congress West, Phoenix, AZ
- May, 2019 "JACC: CardioOncology," Memorial Sloan Kettering Cardio-Oncology Conference, New York, NY
- Aug, 2019 "Heart Failure in Special Populations," American College of Cardiology/Novartis Webinar Series, Heifei, China
- Aug, 2019 "Biomarkers and Blood Pressure: Updates in Cardio-Oncology," American College of Cardiology Annual Florida Chapter Meeting, Orlando, FL
- Sep, 2019 "Early Detection of Cardiac Injury in Cancer Patients: What is the Best Strategy?," Heart Failure Society of America Scientific Sessions, Philadelphia, PA
- Oct, 2019 "Future of Cardio-Oncology: How Do We Move Forward?," Global Cardio-Oncology Society Meeting, Sao Paulo, Brazil
- Nov, 2019 "Translational Insights into Cardio-oncology," Stanford-Penn CVI Symposium, Stanford, CA
- Nov, 2019 Discussant, American College of Cardiology Cardiology Hour
- Jan, 2020 "The Growing Landscape of Cardio-Oncology," Medical College of Wisconsin Cardiovascular Grand Rounds, Milwaukee, WI
- Jan, 2020 "Advances in the Field of Cardio-Oncology," Richard Monheit, MD - Annual Conference, Einstein Medical Center, Philadelphia, PA
- Jan, 2020 "Advances in the Field of Cardio-Oncology," University of Chicago Cardiovascular Grand Rounds, Chicago, IL
- Jan, 2020 "Advances in the Field of Cardio-Oncology," Visiting Professor, MD Anderson Cardiovascular Grand Rounds, Houston, TX
- Mar, 2020 "Cardio-Oncology: Past, Present, and Future- Challenges and Opportunities in Cardio-oncology/Onco-cardiology," 84th Annual Scientific Meeting of the Japanese Circulation Society, Kyoto, Japan, Cancelled due to COVID-19
- Mar, 2020 "Cardio-Oncology," ACC.20 World Congress of Cardiology, Chicago, IL, Cancelled due to COVID-19
- Mar, 2020 "Ask the Experts: Cardio-Oncology," ACC.20 World Congress of Cardiology, Chicago, IL, Cancelled due to COVID-19
- Mar, 2020 "I Am Trying to Break Your Heart: "Conventional" Chemotherapeutics And Cardiotoxicity," ACC.20 World Congress

	of Cardiology, Chicago, IL, Cancelled due to COVID-19
Mar, 2020	"Best of JACC: CardioOncology," ACC.20 World Congress of Cardiology, Chicago, IL, Cancelled due to COVID-19
Mar, 2020	"Centralized Follow-up - New framework, results from a pilot and feedback," RadComp National Meeting, Orlando, FL
May, 2020	"Biomarkers in Cardio-Oncology," Memorial Sloan Kettering Cancer Center, New York, NY, Cancelled due to COVID-19
Jun, 2020	"Deep Phenotyping in Cancer Therapy Cardiotoxicity," Gordon Conference, Boston, MA, Cancelled due to COVID-19
Jun, 2020	"Cardiovascular Disease in Survivors," FORCE Against Hereditary Cancer Conference," Philadelphia, PA, Cancelled due to COVID-19
Jul, 2020	"Mechanistic Biologic and Imaging Markers of Cancer Therapy Cardiotoxicity," AHA BCVS Scientific Sessions (Virtual).
Jul, 2020	"Mechanistic Biologic and Imaging Markers of Cancer Therapy Cardiotoxicity," China International Heart Failure Congress (Virtual)
Jul, 2020	"Our Priorities in Cardio-Oncology and the Role of JACC: CardioOncology" China International Heart Failure Congress (Virtual)
Aug, 2020	"What is Onco-Cardiology," The 84th Annual Scientific Meeting of the Japanese Circulation Society (Virtual)
Aug, 2020	"Challenges and Opportunities in Cardio-Oncology," The 84th Annual Scientific Meeting of the Japanese Circulation Society (Virtual)
Aug, 2020	"Advances in Clinical Science and Patient Care in Cardio-Oncology," Virginia Commonwealth University Division of Cardiovascular Medicine Grand Rounds (Virtual)
Sep, 2020	"Mechanistic Biologic and Imaging Marker Risk Prediction in Cardio-Oncology" First Cardio-Oncology International Virtual Symposium, Society of Brazilian Cardiologists and American College of Cardiology
Sep, 2020	"What is Cardio-Oncology?" First Cardio-Oncology International Virtual Symposium, Society of Brazilian Cardiologists and American College of Cardiology
Oct, 2020	"JACC: CardioOncology: Partnering with China to Advance Cardiovascular Medicine" China Great Wall Meeting (Virtual)
Oct, 2020	"The Future of Cardiovascular Medicine and Research and the Role of JACC: CardioOncology" China Great Wall Meeting (Virtual)
Oct, 2020	"The Value of Cardiac Biomarkers in Cardio-Oncology" Virtual proCardio 2020 International Symposium
Nov, 2020	"Cardiovascular Toxicity of Anti-Angiogenic Tyrosine Kinase Inhibitor Therapy" Argentine Cardio-Oncology Virtual Symposium
Nov, 2020	"Personalized Medicine and Permissive Cardiotoxicity" American Heart Association Virtual Meeting (Live)
Nov, 2020	"Cardio-Oncology: Advances in Cardiotoxicity Diagnosis and Risk Prediction," Smidt Heart Institute Cardiovascular Grand Rounds,

Cedars Sinai Medical Center (Virtual)
 Dec, 2020 "Advances in Cardio-Oncology: From Cohorts to Clinical Trials"
 University of Utah Division of Cardiology Grand Rounds (Virtual)
 Dec, 2020 "Cardio-Oncology What is the Risk? Who is the Risk"
 Re-IMAGINE Echo NY(Virtual)

Organizing Roles in Scientific Meetings:

Nov, 2009 Moderator, "Biomarkers of Remodeling and Prognosis in Heart Failure", American Heart Association Scientific Sessions
 Orlando, FL

2009 Abstract Grader, American Heart Association National Meeting
 Orlando, FL

2010 Abstract Grader, American Heart Association National Meeting
 Chicago, IL

2011 Abstract Grader, American Heart Association National Meeting
 Orlando, FL

2012 Abstract Grader, American Heart Association National Meeting
 Los Angeles, CA

2012 Abstract Grader, European Society of Echocardiography
 Athens, Greece

Sep, 2013 Moderator - "Hypertension Associated with Newer Drug Development: The Impact of Anti-Angiogenic Therapy",
 International Cardio-Oncology Society Annual Meeting
 Washington, DC

2013 Abstract Grader, European Society of Echocardiography
 Istanbul, Turkey

2013 Abstract Grader, American Heart Association Scientific Sessions,
 Dallas, TX

2013 Abstract Grader, American College of Cardiology National Meeting
 San Francisco, CA

2013 Scientific Planning Committee, Cardiac Safety Research Consortium
 and International CardioOncology Annual Meeting
 Washington, DC

Nov, 2014 Panel Discussion on "Cancer Therapy Related Cardiotoxicity:
 Current Funding and Future Directions", MD Anderson International
 Conference on Cancer and the Heart
 Houston, TX

2014 Abstract Grader, American Heart Association Scientific Sessions
 Chicago, IL

Mar, 2015 Chair and Moderator, Cardio-Oncology Intensive, American College
 of Cardiology National Meeting
 San Diego, CA

Mar, 2015 Moderator, "Expert Consensus in the Cardiovascular Care of Cancer
 Patients" American College of Cardiology Annual Sessions
 San Diego, CA

2015 Abstract Grader, American College of Cardiology

	San Diego, CA
2015	Program Committee, American College of Cardiology National Meeting
	San Diego, CA
2016	Chair, ECOG Cardiotoxicity Subcommittee Semi-Annual Meeting
	N/A
Feb, 2017	Course Director and Moderator, "Advancing Cardiovascular Care of the Oncology Patient," American College of Cardiology Inaugural Cardio-Oncology Educational Symposium
	Washington, DC
Mar, 2017	Moderator, American College of Cardiology National Meeting 2017: Cancer and the Heart
	Washington, DC
Sep, 2017	Moderator, Global Cardio-Oncology Summit
	London, UK
2017	Program Committee, Heart Failure Society of America 2017 Scientific Sessions
	Dallas, TX
2017	Program Committee, American College of Cardiology Scientific Sessions 2017
	Washington, DC
Feb, 2018	Course Director and Moderator "Advancing Cardiovascular Care of the Oncology Patient," American College of Cardiology Cardio-Oncology Educational Course
	Washington, DC
Mar, 2018	Program Planning Committee, American College of Cardiology Roundtable on Cardio-Oncology
	Washington, DC
Mar, 2018	Co-Chair, "Highlighted Original Research: Heart Failure and Cardiomyopathies and the Year in Review," American College of Cardiology Scientific Sessions
	Orlando, FL
Mar, 2018	Co-Chair, "Engage@ACC.18.Studio: Ask the Heart Failure Experts," American College of Cardiology Annual Scientific Sessions
	Orlando, FL
Sep, 2018	Program Committee, Subcommittee Group 5 Chair, Heart Failure Society of America
	Nashville, TN
Sep, 2018	Co-Chair and Moderator, Research Network Site Based Training Program, Heart Failure Society of America
	Nashville, TN
2018	Program Committee, American College of Cardiology Scientific Session, 2018 Heart Failure Co-Chair
	Orlando, FL
Jan, 2019	Course Director and Moderator "Advancing Cardiovascular Care of

	the Oncology Patient," American College of Cardiology Cardio-Oncology Educational Course Washington, DC
Mar, 2019	Discussant, Late Breaking Clinical Trials, American College of Cardiology National Meeting New Orleans, LA
Mar, 2019	Moderator, Heart Failure Year in Review, American College of Cardiology National Meeting New Orleans, LA
Mar, 2019	Program Committee, American College of Cardiology Heart Failure Chair New Orleans, LA
Sep, 2019	Chair, American College of Cardiology Cardio-Oncology Patient Forum Washington, D.C.
Sep, 2019	Co-Chair, American College of Cardiology Cardio-Oncology Roundtable Washington, D.C.
Jan, 2020	Planning Committee, Penn-Stanford CVI Symposium Philadelphia, PA
Feb, 2020	Course Director and Moderator, "Advancing Cardiovascular Care of the Oncology Patient," American College of Cardiology Cardio-Oncology Educational Course Washington, D.C.
Mar, 2020	Discussant, Late Breaking Clinical Trials, American College of Cardiology, March 2020 (Webinar)
Apr, 2020	Moderator, "Quality of Care and Outcomes Research," Sarnoff Cardiovascular Research Foundation Boston, MA Cancelled due to COVID-19
Oct, 2020	Moderator, "Global Cardio-Oncology Society 2020 Virtual Meeting" Virtual
Dec, 2020	Moderator, Re-Imagine Echo NY 2020 Virtual
Jan, 2021	Panelist, Israel Cardio-Oncology Society Meeting Virtual
2021	Sarnoff 2021 Annual Meeting Program Committee Boston, MA

Bibliography:Research Publications, peer reviewed (print or other media):

1. Singhvi R, Markusen JF, Ky B, Horvath BJ, Aunins JG: Assessment of Virus Infection in Cultured Cells Using Metabolic Monitoring. Cytotechnology 22(1-3): 79-85, 1996.

2. Figueroa DJ, Hess JF, Ky B, Brown SD, Volker S, Sandig V, Hermanowski-Vosatka A, Twells RCJ, Todd JA, Austin CP: Expression of the Type I Diabetes-associated Gene LRP5 in Macrophages, Vitamin A System Cells, and the Islets of Langerhans Suggests Multiple Potential Roles in Diabetes. Journal Of Histochemistry & Cytochemistry 48(10): 1357-1368, October 2000.
3. Samaha FF, Ky B, Re VL: Type III Hyperlipoproteinemia Unmasked by HIV Anti-retroviral Therapy. American Journal Of Medicine 118(6): 691-692, February 2005.
4. Ky B, Rader DJ: The Effects of Statin Therapy on Plasma Markers of Inflammation in Patients without Vascular Disease. Clinical Cardiology 28(2): 67-70, June 2005.
5. Rahmouni HW, Ky B, Plappert T, Duffy K, Wieggers SE, Ferrari VA, Keane MG, Kirkpatrick JN, Silvestry FE, Sutton MSJ: Clinical Utility of Automated Assessment of Left Ventricular Ejection Fraction Using Artificial Intelligence-Assisted Border Detection. American Heart Journal 155(3): 562-570, March 2008.
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Research Publications, non-peer reviewed:

[none]

Abstracts (Last 3 years):

1. Levine LD, Downes KL, Lewey J, Arany Z, Ky B, Elovitz MA: Elevated sFlt1 levels are associated with cardiac dysfunction. Annual Meeting of the Society of Maternal Fetal Medicine February 2018 Notes: Oral presentation.
2. Levine LD, Downes KL, Lewey J, Srinivas SK, Arany Z, Ky B, Elovitz MA: Evaluating Cardiovascular Risk 10 years after Preeclampsia. Annual Meeting of the Society of Maternal Fetal Medicine February 2018 Notes: Oral presentation.
3. Cheng H, Zheng Q, Zhu X, Smith AM, Qian Y, O'Quinn R, Silvestry F, Han Y, Scherrer-Crosbie M, Ferrari V, Duffy K, Jagasia D, Davatzikos C, Fan Y, Ky B.:

The Use of Machine Learning to Predict Doxorubicin Cardiotoxicity. American College of Cardiology Annual Meeting, Orlando, FL March 2018 Notes: Oral presentation.

4. Upshaw JN, Ruthazer R, Parsons SA, Erban J, Miller KD, Ky B, Kent DM.: Development of a Clinical Prediction Model for Anthracycline Cardiotoxicity in HER2 negative Operable Breast Cancer. The American College of Cardiology Annual Meeting, Orlando, FL March 2018 Notes: Poster presentation.
5. Narayan HK, Putt ME, Kosaraju N, Paz A, Bhatt S, Plappert T, Mercer-Rosa M, Armenian S, Desai AV, Womer RB, Ky B.: Dexrazoxane May Preferentially Mitigate the Cardiotoxic Effects of High-Dose Doxorubicin in Female Children with Sarcoma. American Society of Echocardiography Annual Meeting June 2018 Notes: Selected as Top Abstract.
6. Demissei B, Hubbard RA, Zhang L, Smith AM, Sheline K, McDonald C, Narayan V, Domchek SM, DeMichele A, Shah P, Clark AS, Fox K, Matro J, Bradbury AR, Knollman H, Tang WH, Liu P, Ky B: Changes in Cardiovascular Biomarkers with Breast Cancer Therapy and Associations with Cardiac Dysfunction. The American College of Cardiology Annual Meeting, New Orleans, LA Mar 2019 Notes: Moderated Poster.
7. Demissei BG, Freedman G, Feigenberg SJ, Plastaras JP, Maity A, Smith AM, McDonald C, Sheline K, Simone CB, Lin L, Carver J, Liu P, Zhang L, Bekelman J, Ky B: Early Changes in Cardiovascular Biomarkers with Contemporary Thoracic Radiation Therapy for Breast Cancer, Lung Cancer, and Lymphoma. The American College of Cardiology Annual Meeting, New Orleans, LA March 2019 Notes: Moderated Poster.
8. Upshaw J, Finkelman B, Hubbard R, Smith A, Narayan H, Arndt L, Domchek S, DeMichele A, Fox K, Shah P, Clark A, Bradbury A, Matro J, Adusumalli S, Carver J, Ky B : Changes in Left Ventricular Diastolic Function with Contemporary Breast Cancer Therapy. The American College of Cardiology Annual Meeting, New Orleans, LA March 2019 Notes: Poster.
9. Krishnan S, Narayan H, Freedman G, Demissei B, Smith A,Plastaras JP, Feigenberg S, Ky B: Early Changes in Physical Activity and Quality of Life with Thoracic Radiation Therapy for Breast Cancer, Lung Cancer, and Lymphoma. The American College of Cardiology Advancing the Cardiovascular Care of the Cancer Patient January 2020 Notes: Poster.
10. Demissei BG, Adusumalli S, Denduluri S, Hubbard RA, Getz KD, Narayan V, Clark AS, Shah P, Knollman H, Carver JR, Ky B: Cardiologist Involvement in Breast Cancer Patients Treated with Trastuzumab-based Cancer Therapy Regimen. The American College of Cardiology Annual Meeting March 2020 Notes: Poster Chicago, IL

11. Thompson EW, Demissei B, Smith AM, Tang WHW, Ky B: The Clinical Relevance of Paraoxonase-1 Activity as a Novel Biomarker in Breast Cancer Patients Treated with Doxorubicin with or without Trastuzumab. The American College of Cardiology Annual Meeting March 2020 Notes: Moderated Poster, Chicago, IL.
12. Kasey J. Leger, MD, Michael J. Absalon, MD, PhD, Biniyam G. Demissei, MD, MSC, PhD, Robert B. Gerbing, MA, Todd A. Alonzo, PhD, Betsy A. Hirsch, PhD, Jessica Pollard, MD, Bassem I Razzouk, MD, Richard Aplenc, MD, PhD, E. Anders Kolb, MD, Bonnie Ky, Todd M. Copper, DO: Changes in Cardiac Function with CPX-351 in Relapsed Pediatric Acute Myeloid Leukemia (LML): A Children's Oncology Group (COG) Report from AAML1421. The American Society of Clinical Oncology May 2020 Notes: Poster.
13. Lova Sun, Ravi B. Parikh, Rebecca A. Huddard, John Cashy, Samuel U. Takvorian, David J Vaughn, Kyle W. Robinson, MD, Vivek Narayan, Bonnie Ky: Assessment and management of cardiovascular risk factors among US Veterans with prostate cancer initiating androgen deprivation therapy. The American Society of Clinical Oncology May 2020 Notes: Moderated Poster.
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