REVIEWER RELATIONSHIPS WITH INDUSTRY AND OTHER ENTITIES (COMPREHENSIVE)—2020 ACC CLINICAL COMPETENCIES FOR NURSE PRACTITIONERS AND PHYSICIAN ASSISTANTS IN ADULT CARDIOVASCULAR MEDICINE

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Sadiya S. Khan	Northwestern University Feinberg School of Medicine— Assistant Professor of Medicine and Preventive Medicine	Official Reviewer, ACC Competency Management Committee Lead Reviewer	None	None	None	None	None	None	None
James B. McClurken	Doylestown Hospital— Chief, Thoracic Surgery, Richard A Reif Heart and Vascular Institute; Temple University Lewis Katz School of Medicine— Professor of Surgery Emeritus	Official Reviewer, ACC Lifelong Learning Oversight Committee, ACC Surgeons Section Leadership Council	None	None	None	•Editorial Advisory Board of the Pennsylvania Patient Safety Advisory/ECRI* •The Society of Thoracic Surgeons*	•None	•Daiichi- Sankyo	None
David Wohns	Spectrum Health— Division Chief of Cardiovascular Medicine	Official Reviewer, ACC Board of Governors	•Abiomed*	None	None	None	None	None	None
Janet Fredal Wyman	Henry Ford Health System— Administrative Director, Structural Heart Clinical Services	Official Reviewer, ACC Lifelong Learning Oversight Committee	•Edwards Lifesciences	None	None	None	None	None	None

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Nancy M. Albert	Cleveland Clinic Health System—Associate Chief Nursing Officer, Research and Innovation; Kaufman Center for Heart Failure, Heart and Vascular Institute— Clinical Nurse Specialist	Organizational Reviewer, American Heart Association, ACC CV Team Section Leadership Council	•AstraZeneca •Boston Scientific* •Novartis	•Novartis	None	•Novartis •AHA*	None	•HFSA*	None
Sarah M. Baker	CHI Health—Adult Gerontology Acute Care Nurse Practitioner	Organizational Reviewer, American Nurses Credentialing Center	None	None	None	None	None	None	None
Kathy Berra	The LifeCare Company (RET)—Co-Director; Stanford Prevention Research Center— Cardiovascular Research Nurse	Organizational Reviewer, Preventive Cardiovascular Nurses Association	None	None	None	None	None	•Preventive Cardiovascular Nurses Association •Council on Aspirin for Health and Prevention	None
James C. Blankenship	Geisinger Medical Center—Director, Cardiac Catheterization Laboratory	Organizational Reviewer, Society of Cardiovascular Angiography and Interventions	•CMS* •US Department of Health and Human Services*	None	None	•Abbott* •Boston Scientific* •Medinol* •SINOMED* •TherOx*	None	None	None

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Margaret T. Bowers	Duke University— Associate Professor, School of Nursing	Organizational Reviewer, American Association of Nurse Practitioners	None	None	None	None	None	None	None
Linda A. Briggs	George Washington University—Associate Professor, School of Nursing	Organizational Reviewer, The National Organization of Nurse Practitioners Faculties	None	None	None	None	None	None	None
Darwin Brown	Creighton University— Assistant Professor, Physician Assistant Program	Organizational Reviewer, American Academy of Physician Assistants	None	None	None	None	None	None	None
Charles M. Bullins II	Carilion Clinic Cardiovascular Institute—Nurse Practitioner	Organizational Reviewer, American Nurses Credentialing Center	•American Nurse Credentialing Center	None	None	None	None	None	None
Rachel N. Clarke	Tufts Medical Center— Acute Care Nurse Practitioner	Organizational Reviewer, Heart Failure Society of America	None	None	None	None	None	None	None

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Melissa Coffman	Accreditation Review Commission on Education for the Physician Assistant— Assistant Director	Organizational Reviewer, Accreditation Review Commission on Education for the Physician Assistant	None	None	None	None	None	None	None
Joseph M. Daleo	Farmingville Medicine—Physician Assistant; Touro College—Associate Professor in Physician Assistant Program	Organizational Reviewer, Association of Physician Assistants in Cardiology	None	None	None	None	None	None	None
Barbara Fletcher	University of North Florida, Brooks College of Health, School of Nursing—Clinical Associate Professor,	Organizational Reviewer, Preventive Cardiovascular Nurse Association	None	None	None	None	None	None	None
Sara E. Fletcher	Physician Assistant Education Association—Interim CEO	Organizational Reviewer, Physician Assistant Education Association	None	None	None	None	None	None	None
Karen Hills	Physician Assistant Education Association—Chief Educational Development	Organizational Reviewer, Physician Assistant Education Association	None	None	None	None	None	None	None

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Maureen Julien	University of Pennsylvania Health System—Nurse Practitioner	Organizational Reviewer— Society of Cardiovascular Angiography and Interventions	None	None	None	None	•WL Gore	None	None
Lyle W. Larson	University of Washington Division of Cardiology, Electrophysiology Section—Teaching Associate of Medicine	Organizational Reviewer, American Academy of Physicians Assistants	None	None	None	None	None	None	None
Connie M. Lewis	Vanderbilt University Medical Center—Heart Failure Nurse Practitioner	Organizational Reviewer, American Association of Heart Failure Nurses	None	None	None	None	None	None	None
Robin K. Miller	Providence St. Vincent Medical Center— Advanced Heart Failure Nurse Practitioner	Organizational Reviewer, American Association of Heart Failure Nurses	None	None	None	None	None	None	None
Kim Newlin	Sutter Health—Director of Cardiovascular Services	Organizational Reviewer, American Heart Association	•Amgen •ASPC •Medscape	None	None	None	None	None	None
Bunny Pozehl	University of Nebraska Medical Center— Professor & Dorothy Hodges Olson Endowed Chair in Nursing	Organizational Reviewer, Heart Failure Society of America	None	None	None	None	None	•Abbott •Relypsa	None

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Laurie Racenet	Alaska Heart and Vascular Institute— Nurse Practitioner, Cardiac Rhythm and Device Management Clinic	Organizational Reviewer, Heart Rhythm Society	None	None	None	None	None	None	None
Patti Ragan	Accreditation Review Commission on Education for the Physician Assistant— Assistant Director	Organizational Reviewer, Accreditation Review Commission on Education for the Physician Assistant	None	None	None	None	None	None	None
Benjamin Schultze	Oregon Health & Science University— Director of the Adult Gerontology Acute Care Nurse Practitioner Program, Assistant Professor of Nursing	Organizational Reviewer, The National Organization of Nurse Practitioners Faculties	None	None	None	None	None	None	None
Colleen Walsh-Irwin	Department of Veterans Affairs—Program Manager, Evidence- Based Practice	Organizational Reviewer, American Association of Nurse Practitioners	None	None	None	None	None	None	None
Sarah Ann Worsnick	Geisinger Health System—Physician Assistant	Organizational Reviewer, Heart Rhythm Society	None	None	None	None	None	None	None

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Brian G. Abbott	Brown University, Lifespan Cardiovascular Institute—Professor of Medicine; Associate Chief of Cardiology, Clinical Excellence and Operations	Content Reviewer, ACC Imaging Section Leadership Council	None	None	None	None	None	•American Society of Nuclear Cardiology	None
Jesse E. Adams III	Baptist Health— Medical Chair, Kentuckiana CV Service Line Governance Committee	Content Reviewer, ACC CV Management Section Leadership Council, Competency Management Expertise	None	None	None	None	None	None	None
Mirvat Alasnag	King Fahd Armed Forces Hospital— Director of Catheterization Laboratory	Content Reviewer, ACC Interventional Section Leadership Council	None	None	None	None	None	None	None
Joseph Alpert	University of Arizona Health Sciences Center—Professor of Medicine	Content Reviewer	•Doctorpedia	None	None	•Novo Nordisk (DSMB)	•Elsevier*	None	•Plaintiff, cardiac injury in motor vehicle accident, 2019
Anita M. Arnold	Lee Health—Director Cardio-Oncology	Content Reviewer, ACC Cardio-Oncology Section Leadership Council	None	None	None	None	None	None	None

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Nancy Barker	Boston Children's Hospital—Physician Assistant	Content Reviewer	None	None	None	None	None	None	None
Brad Biskup	UCONN Health— Cardiology/Cardiovas- cular Prevention Physician Assistant	Content Reviewer, ACC CV Team Physician Assistant Workgroup	None	None	None	None	None	None	None
Kristen Bova Campbell	Duke University Hospital—Clinical Pharmacist, Electrophysiology	Content Reviewer, ACC CV Team Section Leadership Council	None	•Pharmacy Times	None	None	None	None	None
Lynne T. Braun	Rush University— Professor of Nursing or Medicine, Nurse Practitioner	Content Reviewer, ACC CV Team Section Leadership Council	None	None	None	None	None	•AHA* •Preventive Cardiovascular Nurses Association* •UpToDate	None
Petar Breitinger	University of Florida School of Physician Assistant Studies— Assistant Professor of Physician Assistant Studies	Content Reviewer	None	None	None	None	None	None	None

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
John E. Brush Jr	Sentara Healthcare— Cardiologist; Eastern Virginia Medical School—Professor of Medicine	Content Reviewer, Chair, 2015 ACC HPS on CV Team- Based Care and the Role of Advanced Practice Providers	None	None	None	•St. Luke's Health System	None	None	None
Lola A. Coke	Grand Valley State University—Associate Professor of Nursing	Content Reviewer	None	None	None	None	None	•Preventive Cardiovascular Nurses Association	None
Stephen R. Crumb	Nationwide Children's Hospital—Nurse Practitioner, Coordinator Adult Congenital Heart Disease	Content Reviewer, ACC ACPC Section Leadership Council	None	None	None	None	None	None	None
Sharon Dickinson	Heart One Associates— Physician Assistant	Content Reviewer, ACC CV Team Physician Assistant Workgroup	None	None	None	None	None	None	None
Phillip K. Downing	Intermountain Healthcare—Physician Assistant, General Cardiology	Content Reviewer	None	None	None	None	None	None	None

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Camille J. Dyer	Barton Associates— Physician Assistant	Content Reviewer, ACC CV Team Physician Assistant Workgroup	None	None	None	None	None	•AAPA* •African Heritage PA Caucus •Florida Academy of PAs* •New Jersey State Society of PAs*	None
Howard J. Eisen	Pennsylvania State University College of Medicine—Medical Director, Cardiac Transplantation, MCS and Advanced Heart Failure; Milton S. Hershey Medical Center—Director, Diagnostic Cardiology	Content Reviewer, ACC Academic Council	None	None	None	None	None	None	None
Joseph Faiella- Tommasino	Touro College—Vice President, Physician Assistant Program Development and Operations; Chairman, PA Programs NE Division	Content Reviewer, ACC CV Team Physician Assistant Workgroup	None	None	None	None	None	None	None
M. Casey Flanagan	Walter Reed National Military Medical Center—Director, National Capital Consortium Heart Failure Clinic	Content Reviewer, ACC HF&T Section Leadership Council	None	None	None	None	None	None	None

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
John Flesher	WellSpan Cardiology- Lebanon—Physician Assistant	Content Reviewer, ACC CV Team Physician Assistant Workgroup	None	None	None	None	None	None	None
Rosario V. Freeman	University of Washington—Professor of Medicine; Director, Cardiology Fellowship Program	Content Reviewer, Competency Management Expertise	None	None	None	None	None	None	None
Ilaria Gadalla	South University— Program Director, PA Department Chair	Content Reviewer, ACC CV Team Physician Assistant Workgroup	None	None	None	None	None	Physician Assistant Education Association* Society of Hospital Medicine*	None
Sarju Ganatra	Lahey Hospital and Medical Center, Division of Cardiovascular Medicine, Department of Medicine—Director, Cardio-Oncology Program	Content Reviewer, ACC Cardio-Oncology Section Leadership Council	None	None	None	None	None	None	None
Ayana Gates	South Texas Health System—Cardiology Physician Assistant	Content Reviewer, ACC CV Team Physician Assistant Workgroup	None	None	None	None	None	None	None

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Jonathan L. Halperin	Icahn School of Medicine at Mount Sinai—Robert and Harriet Heilbrunn Professor of Medicine (Cardiology)	Content Reviewer, Competency Management Expertise	•ABIM† •Abbott* •ATLAS Group University of Colorado; Colorado Prevention Center† •Boehringer Ingelheim† •Medtronic •Ortho- McNeil- Janssen	None	None	None	None	•HWL, LLC*	None
Elizabeth A. Hoffman	Allina Health— Physician Assistant	Content Reviewer, ACC CV Team Physician Assistant Workgroup	None	None	None	None	None	None	None
Asma Hussaini	Cedars Sinai Medical Center—Senior Physician Assistant, Interventional Cardiology	Content Reviewer, ACC CV Team Physician Assistant Workgroup	•Abbott •Boston Scientific	None	None	None	None	None	None

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Richard A. Josephson	University Hospitals of Cleveland—Director of Cardiovascular & Pulmonary Rehabilitation; Case Western Reserve University—Professor of Medicine	Content Reviewer, ACC Prevention Section Leadership Council	None	None	None	None	None	None	None
Neal S. Kleiman	Houston Methodist Hospital—Medical Director, Cardiac Catheterization Laboratory	Content Reviewer, ACC Interventional Section Leadership Council	•Eli Lilly •Medtronic† •Siemens	None	None	•Abbott† •Boston Scientific†	None	None	None
Brian M. Lentz	Hospital of the University of Pennsylvania— Physician Assistant	Content Reviewer, ACC CV Team Physician Assistant Workgroup	None	None	None	None	None	None	•Plaintiff, Cardiology, 2019 •Plaintiff, Minimal Invasive Valve Replacement, 2019†
Jason Lucas	Piedmont Atlanta Hospital Piedmont Heart Institute—Co- Director, PA/NP Fellowship in CV Critical Care	Content Reviewer, ACC CV Team Physician Assistant Workgroup	None	None	None	None	None	None	None

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Matthew W. Martinez	Lehigh Valley Health Network—Associate Professor of Medicine; Associate Chief of Cardiology for Education; Cardiology Fellowship Program Director; Medical Director, Sports Cardiology and Hypertrophic Cardiomyopathy Program; Medical Director, Cardiovascular Imaging	Content Reviewer, ACC Sports & Exercise Section Leadership Council	•Major League Soccer	None	None	None	None	None	None
Jean-Anne McCracken	Cardiology, PC— Physician Assistant	Content Reviewer, ACC CV Team Physician Assistant Workgroup	None	None	None	None	None	None	None
John McPherson	Vanderbilt University Medical Center— Professor of Medicine	Content Reviewer, Competency Management Expertise	None	None	•Agrin	None	None	None	None
Ashley Moore-Gibbs	Sanger Heart & Vascular Institute, Atrium Health & Center for Advanced Practice—Nurse Practitioner & APP Cardiovascular Fellowship Director	Content Reviewer	None	None	None	None	None	None	None

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Alison Mowery	Geisinger Heart Institute—System Chief, Advanced Practice Providers Cardiology; Director of Nurse Practitioners, Department of Advanced Practice Providers	Content Reviewer	None	None	None	None	None	None	None
John P. Mulrow	Cardiology Clinic of San Antonio— Cardiologist	Content Reviewer, ACC Geriatric Cardiology Section Leadership Council	None	None	None	None	None	None	None
Richard E. Murphy	Tufts University School of Medicine—Clinical Associate Professor of Public Health & Community Medicine	Content Reviewer, ACC CV Team Physician Assistant Workgroup	None	None	None	None	None	None	Defendant, Alleged delay in intervention of critically ill patient in ICU, 2019
Courtney Nelson	Stanford School of Medicine—Physician Assistant, Clinical Assistant Professor of Medicine	Content Reviewer	None	None	None	None	None	None	None
Sandra Oliver- McNeil	Wayne State University—Associate (Clinical) Professor of Nursing	Content Reviewer, ACC CV Team Section Leader Council	None	None	None	None	None	None	None

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Andrea Price	Indiana University Health—Director, Quality Databases	Content Reviewer, ACC CV Team Section Leader Council	None	None	•Quality Informatics Synergies	None	None	None	None
Heather M. Ross	Arizona Arrhythmia Consultants—Nurse Practitioner; Arizona State University— Clinical Assistant Professor of Nursing	Content Reviewer	None	None	None	None	None	None	None
Theresa Saia	Boston Children's Hospital—Nurse Manager, Outpatient Cardiology	Content Reviewer, ACC ACPC Section Leadership Council	None	None	None	None	None	None	None
Teresa H. Sanders	Intermountain Heart Institute—Physician Assistant Cardiology	Content Reviewer	None	None	None	None	None	None	None
Joshua Schulman- Marcus	Albany Medical College—Assistant Professor of Medicine	Content Reviewer, ACC Early Career Section Leadership Council	None	None	None	None	None	None	None

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Kristine Anne Scordo	Wright State University, College of Nursing—Professor of Nursing; Director, Adult-Gerontology Acute Care Nurse Practitioner Program; Kettering Heart & Vascular Center— Acute Care Nurse Practitioner	Content Review	None	None	None	None	None	None	None
Amy E. Simone	Marcus Heart Valve Center—Clinical Director	Content Reviewer	None	None	None	None	None	None	None
Emily Spangler	Park Nicollet - Methodist Hospital— Physician Assistant	Content Reviewer	None	None	None	None	None	None	None
Ada C. Stefanescu Schmidt	Massachusetts General Hospital—Clinical and Research Fellow	Content Reviewer, FIT Section Leadership Council, ACC Lifelong Oversight Committee	None	None	None	None	None	None	None
Marty C. Tam	University of Michigan—Assistant Professor of Internal Medicine	Content Review, Competency Management Expertise	None	None	None	None	None	None	None

Name	Employment	Representation	Consultant	Speakers Bureau	•Ownership/ Partnership / Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Alexander Vasquez- Cariaga	Michigan Medicine: University of Michigan Hospital—Physician Assistant (Interventional Cardiology, Cardiac Procedures Unit)	Content Reviewer, ACC CV Team Physician Assistant Workgroup	None	None	None	None	None	None	None
Poonam Velagapudi	University of Nebraska Medical Center— Assistant Professor of Medicine	Content Reviewer, ACC CV Early Career Section Leadership Council	None	None	None	None	None	None	None
Pugazhendhi Vijayaraman	Geisinger Heart Institute—Cardiologist	Content Reviewer, ACC CV EP Section Leadership Council	•Abbott •Biotronik •Boston Scientific •Medtronic† •Merritt	•Medtronic†	•Abbott •Medtronic •NIH	•Medtronic	None	None	None
Carla Weidner	St. Luke's University Health Network— Nurse Practitioner	Content Reviewer, ACC CV Team Section Leadership Council	None	None	None	None	None	None	None
Barbara S. Wiggins	Medical University of South Carolina— Clinical Pharmacy Specialist, Cardiology; South Carolina College of Pharmacy—Adjunct Professor of Pharmaceutical Sciences	Content Reviewer, ACC CV Team Section Leadership Council	None	None	None	None	None	None	None

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Salary	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Eric S. Williams	Indiana University School of Medicine— Professor of Medicine (Cardiology)	Content Reviewer, Competency Management Expertise	None	None	None	None	None	None	None

This table represents all healthcare relationships with industry and other entities by peer reviewers, including those not deemed to be relevant, at the time this document was under development. The table does not necessarily reflect relationships with industry at the time of publication. A person is deemed to have a significant interest in a business if the interest represents ownership of ≥5% of the voting stock or share of the business entity, or ownership of ≥\$5,000 of the fair market value of the business entity; or if funds received by the person from the business entity exceed 5% of the person's gross income for the previous year. Relationships that exist with no financial benefit are also included for the purpose of transparency. Relationships in this table are modest unless otherwise noted. Please refer to http://www.acc.org/guidelines/about-guidelines-and-clinical-documents/relationships-with-industry-policy for definitions of disclosure categories or additional information about the ACCF Disclosure Policy for Writing Committees.

†Significant relationship.

AAPA = American Academy of Physician Assistants; ACC = American College of Cardiology; ACPC = Adult Congenital/Pediatric Cardiology; AHA = American Heart Association; APP = advanced practice provider; ASPC = American Society for Preventive Cardiology; CEO = Chief Executive Officer; CMS = Centers for Medicare and Medicaid Services; CV = cardiovascular; DSMB = Data Safety Monitoring Board; EP = electrophysiology; FIT = Fellow in Training; HFSA = Heart Failure Society of America; HPS = Health Policy Statement; MCS = mechanical circulatory support; NE = northeast; NIH = National Institutes of Health; NP = nurse practitioner; PA = physician assistant; UCONN = University of Connecticut.

^{*}No financial benefit.