AUTHOR RELATIONSHIPS WITH INDUSTRY AND OTHER ENTITIES (COMPREHENSIVE)—2017 ACC/HRS LIFELONG LEARNING STATEMENT FOR

CLINICAL CARDIAC ELECTROPHYSIOLOGY SPECIALISTS

Committee Member	Employment	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Cynthia M. Tracy (Chair)	George Washington University— Associate Director, Division of Cardiology; Director, CCEP Service; Program Director, CCEP Fellowship	None	None	None	None	• Cheney Cardiovascular Institute* • NIH	None
George H. Crossley (Vice Chair)	Vanderbilt Heart and Vascular Institute—Associate Professor of Medicine; Director, CCEP Fellowship Program	 Boston Scientific Medtronic† 	Medtronic	None	None	 ARCA Biopharma Boston Scientific Medtronic NHLBI St. Jude Medical Thoratec Vanderbilt University Zio Patch 	Defendant, pneumothorax during pacemaker, 2015
T. Jared Bunch	Intermountain Medical Center Heart Institute—Medical Director of Heart Rhythm Services for Intermountain Healthcare; Stanford University—Associate Clinical Professor	None	None	None	Boehringer Ingelheim†	 Biosense Webster Boston Scientific St. Jude Medical 	None
Grant V. Chow	Genesis Heart, Lung, and Vascular Group—Medical Director, Heart Rhythm Service	Medtronic	None	None	None	None	None
Amy Leiserowitz	Iowa Heart Center—Technical Director, Arrhythmia Services	None	None	None	None	None	None
Julia H. Indik	University of Arizona, Tucson— Professor of Medicine; Director, Cardiovascular Disease Fellowship Program	None	None	None	• NIH	None	None
Fred Kusumoto	Mayo Clinic—Professor of Medicine, Department of Cardiovascular Disease; Director, Heart Rhythm Services	None	None	None	None	None	None

Committee Member	Employment	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Lisa A. Mendes	Vanderbilt Heart and Vascular Institute—Associate Professor of Medicine; Director, CV Medicine Fellowship Program	None	None	None	None	None	None
Thomas M. Munger	Mayo Clinic—Assistant Professor of Medicine	None	None	None	None	None	None
Srinivas Murali	Allegheny Health Network— Professor of Medicine; System Director, Division of Cardiovascular Medicine; Medical Director, Cardiovascular Institute	 Actelion Bayer Gilead Sciences Lung	Actelion	None	Cardiokinetics CVRx	None	None
Kristen K. Patton	University of Washington— Professor of Medicine; Director, Clinical Cardiac Electrophysiology Fellowship Program	None	None	None	None	• ABIM • ACGME* • AHA* • FDA • HRS*	None
Andrea M. Russo	Cooper Medical School of Rowan University—Professor of Medicine; Cooper University Hospital— Director, Electrophysiology and Arrhythmia Services; Director, CCEP Fellowship	 ABIM† Biotronik Boston Scientific Medtronic St. Jude Medical Up-To-Date 	None	None	 Boehringer Ingelheim† Boston Scientific† Medtronic† 	 Biotronik* HRS* Medtronic† 	None
Melvin Scheinman	University of California, San Francisco—Professor of Medicine; Walter H. Shorenstein Endowed Chair in Cardiology; Chief, Cardiology Genetics Arrhythmia Program	 Biosense Webster Biotronik† Boston Scientific† Janssen Pharmaceuticals Medtronic St. Jude Medical 	None	None	• Gilead Sciences (DSMB)	None	• Plaintiff, sudden death drowning, 2016†

Committee Member	Employment	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Institutional/ Organizational or Other Financial Benefit	Expert Witness
John A. Schoenhard	CentraCare Heart & Vascular Center—Cardiac Electrophysiologist	Boston Scientific Medtronic	None	None	None	None	None
Jeffrey R. Winterfield	Medical University of South Carolina—Associate Professor of Medicine; Director, Ventricular Arrhythmia Service, Cardiovascular Division	• St. Jude Medical†	None	None	None	None	None

This table represents all healthcare relationships of committee members with industry and other entities by authors, 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 $\geq 5\%$ of the voting stock or share of the business entity, or ownership of $\geq \$5,000$ 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.

ABIM indicates American Board of Internal Medicine; ACC, American College of Cardiology; ACGME, Accreditation Council for Graduate Medical Education; AHA, American Heart Association; CCEP, clinical cardiac electrophysiology; DSMB, Data and Safety Monitoring Board; FDA, U.S. Food and Drug Administration; HRS, Heart Rhythm Society; NHLBI, National Heart, Lung, and Blood Institute; and NIH, National Institutes of Health.

^{*} No financial benefit.

[†] Significant relationship.