

REVIEWER RELATIONSHIPS WITH INDUSTRY AND OTHER ENTITIES (COMPREHENSIVE)—ACC/AHA/HFSA/ISHLT/ACP ADVANCED TRAINING STATEMENT ON ADVANCED HEART FAILURE AND TRANSPLANT CARDIOLOGY

Name	Employment	Representation	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Institutional/ Organizational or Other Financial Benefit	Expert Witness
Juan Aranda, Jr.	University of Florida— Professor of Medicine; Director, Heart Failure and Cardiac Transplantation	Official Reviewer, ACC Lifelong Learning Oversight Committee	<ul style="list-style-type: none"> • ZOLL Medical* 	None	None	None	None	None
Christian S. Breburda	Maricopa Medical Center, University of Arizona Phoenix—Professor of Medicine; Director, Noninvasive Cardiology	Official Reviewer, ACC Board of Governors	<ul style="list-style-type: none"> • GE Healthcare 	None	None	None	<ul style="list-style-type: none"> • NIH 	None
R. Ford Bursey	Memorial University of Newfoundland—Professor of Medicine	Official Reviewer, ACP	None	None	None	None	None	None
Rosario V. Freeman	University of Washington— Professor of Medicine; Fellowship Program Director, Cardiology	Official Reviewer, Competency Management Committee Lead Reviewer	None	None	None	None	None	None
Sharon A. Hunt	Stanford University—Professor of Cardiovascular Medicine; Medical Director, Post Transplant	Official Reviewer, ISHLT	None	None	None	None	None	None
Kenneth B. Margulies	Perelman School of Medicine, University of Pennsylvania— Professor of Medicine	Official Reviewer, AHA	<ul style="list-style-type: none"> • GlaxoSmithKline • Janssen Pharmaceuticals • Merck • Pfizer 	None	None	<ul style="list-style-type: none"> • GlaxoSmith Kline* • Luitpold Pharmaceuticals* • Merck* • NIH* • Thoratec* • St. Luke’s Medical Center* 	<ul style="list-style-type: none"> • Luitpold Pharmaceuticals • MyoKardia • Novartis* • Stemedica* 	None

Michael X. Pham	Sutter Health, California Pacific Medical Center—Medical Director, Advanced Heart Failure, Cardiac Transplantation, and Mechanical Circulatory Support	Official Reviewer, ISHLT	<ul style="list-style-type: none"> • ABIM • Callaway & Wolf • Up-To-Date 	None	None	<ul style="list-style-type: none"> • Novartis* • VA Office of Innovation and Technology * 	None	None
Sean P. Pinney	Mount Sinai Health System—Director, Heart Failure and Transplantation	Official Reviewer, HFSA	<ul style="list-style-type: none"> • Acorda Therapeutics • CareDX • St. Jude Medical 	None	None	None	<ul style="list-style-type: none"> • Novartis 	None
Joseph Rogers	Duke University—Professor, Division of Cardiology	Official Reviewer, HFSA	None	None	None	<ul style="list-style-type: none"> • HeartWare† 	<ul style="list-style-type: none"> • HeartWare • NIH • Thoratec 	None
Lynne Warner Stevenson	Brigham and Women’s Hospital—Director, Heart Failure and Cardiomyopathy	Official Reviewer, AHA	<ul style="list-style-type: none"> • AHA† • St. Jude Medical • NHLBI† 	None	None	<ul style="list-style-type: none"> • NHLBI† • Novartis† • St. Jude Medical 	<ul style="list-style-type: none"> • Medtronic† 	None
Soma Wali	David Geffen School of Medicine, Olive View-UCLA Medical Center—Professor of Medicine; Chair, Medicine	Official Reviewer, ACP	None	None	None	None	None	None
Patrick C. Alguire	American College of Physicians—Senior Vice President, Medical Education	Organizational Reviewer, ACP	None	None	None	None	None	None
Mirvat Alasnag	King Fahd Armed Forces Hospital—Director, Catheterization Laboratory	Content Reviewer, ACC Early Career Section Leadership Council	None	None	None	None	None	None
James A. Arrighi	Rhode Island Hospital—Director, Graduate Medical Education	Content Reviewer, Competency Management Committee	None	None	None	None	None	None
Luis Arroyo	Tampa General Hospital—Director, Advanced Heart Failure and Transplant Fellowship	Content Reviewer, AHFTC Training Program Director	None	None	None	None	None	None

David A. Baran	Newark Beth Israel Medical Center—Director, Heart Failure and Transplant Research	Content Reviewer, AHFTC Training Program Director	<ul style="list-style-type: none"> • Maquet • Otsuka • TandemLife 	<ul style="list-style-type: none"> • Novartis 	None	<ul style="list-style-type: none"> • Astellas Pharma* • NIH 	None	None
Eric R. Bates	University of Michigan—Professor of Internal Medicine	Content Reviewer, Competency Management Committee	<ul style="list-style-type: none"> • Medscape 	None	None	None	None	None
Craig J. Beavers	University of Kentucky Healthcare and University of Kentucky, College of Pharmacy—Cardiovascular Clinical Pharmacy Coordinator	Content Reviewer, ACC Cardiovascular Team Council	None	None	None	None	None	None
Rachel Bijou	Columbia University—Program Director, Advanced Heart Failure and Transplant Cardiology	Content Reviewer, AHFTC Training Program Director	None	None	None	None	None	None
Javed Butler	Stony Brook University—Professor of Medicine	Content Reviewer, ABIM Cardiology Board and ACC/AHA/HFSA Heart Failure Guideline	<ul style="list-style-type: none"> • Bayer* • Boehringer Ingelheim* • CardioCell* • CVRx • Gilead Sciences • Janssen Pharmaceuticals • Luitpold Pharmaceuticals • Medtronic • Merck* • Novartis* • PharmaIn • Relypsa* • Stealth Peptide • Takeda Pharmaceuticals † • Z Pharma 	<ul style="list-style-type: none"> • Novartis* 	None	<ul style="list-style-type: none"> • Amgen* • Bristol-Myers Squibb • European Union* • NIH* 	<ul style="list-style-type: none"> • Medscape • AHA* • American Heart Journal† • European Journal of Heart Failure† • HFSA† • Journal of the American College of Cardiology† • Journal of the American College of Cardiology Heart Failure† • NIH 	None
Sandra V. Chaparro	University of Miami—Associate Professor of Medicine; Director, Heart Failure and Transplant Fellowship Program; University of Miami Hospital—Director,	Content Reviewer, AHFTC Training Program Director	None	None	None	None	<ul style="list-style-type: none"> • HeartWare • Mesoblast • St. Jude Medical 	None

	Heart Failure Clinic							
Teresa De Marco	University of California, San Francisco—Professor of Medicine; Fellowship Program Director, Advanced Heart Failure and Transplant Cardiology; Director, Advanced Heart Failure Therapies Program; Medical Director, Heart Transplantation; Director, Adult Pulmonary Hypertension Comprehensive Care Center	Content Reviewer, AHFTC Training Program Director	<ul style="list-style-type: none"> • Actelion* • Bellerophon • Cardikinetix • Gilead Sciences* • Harvard Clinical Research Institute • Theranova 	None	None	<ul style="list-style-type: none"> • Lung Biotechnology* • NIH • Pfizer* • Reata Pharmaceuticals* 	<ul style="list-style-type: none"> • Lung Biotechnology • Pfizer • Reata Pharmaceuticals 	None
Sondra M. DePalma	American Academy of Physician Assistants—Director, Regulatory and Professional Practice	Content Reviewer, ACC Cardiovascular Team Council	<ul style="list-style-type: none"> • American Society of Hypertension 	None	None	None	<ul style="list-style-type: none"> • Accreditation Council for Clinical Lipidology† 	None
Sarah J. Goodlin	VA Portland Health Care System—Chief, Geriatrics	Content Reviewer, Palliative Care Expert	<ul style="list-style-type: none"> • Novartis* 	None	None	None	<ul style="list-style-type: none"> • Patient-centered Education and Research† • Yale University 	None
Luanda Grazette	Keck Medical School, University of Southern California—Associate Professor; Director, Advanced Heart Failure and Cardiomyopathy	Content Reviewer, AHFTC Training Program Director	<ul style="list-style-type: none"> • Institute for Clinical and Economic Review • St. Jude Medical* 	None	None	<ul style="list-style-type: none"> • Novartis* 	None	<ul style="list-style-type: none"> • Plaintiff, Insurance denial, 2016
Linda L. Hart	Bon Secoures Heart and Vascular Institute—Acute Care Nurse Practitioner, Cardiology	Content Reviewer, ACC HF&T Council	<ul style="list-style-type: none"> • ZOLL Medical* 	<ul style="list-style-type: none"> • Novartis 	None	None	None	None
Maryl R. Johnson	University of Wisconsin School of Medicine and Public Health—Professor of Medicine	Content Reviewer, ACC HF&T Council	<ul style="list-style-type: none"> • Caremark • GE Healthcare • OptumHealth 	None	None	<ul style="list-style-type: none"> • GUIDE-It • NIH† 	<ul style="list-style-type: none"> • American Society of Transplantation † • ISHLT† • Organ Procurement and Transplantation Network† • United Network for Organ 	None

							Sharing†	
Kiran K. Khush	Stanford University—Associate Professor of Medicine	Content Reviewer, AHFTC Training Program Director	<ul style="list-style-type: none"> CareDx 	None	None	None	None	None
Rachel Klinedinst	Hospital of the University of Pennsylvania, Penn Heart and Vascular Center—Palliative Care Nurse Practitioner	Content Reviewer, Palliative Care Expert	None	None	None	None	None	None
David E. Lanfear	Henry Ford Health System—Section Head, Advanced Heart Failure and Transplant	Content Reviewer, AHFTC Training Program Director	<ul style="list-style-type: none"> HeartWare Roche 	None	<ul style="list-style-type: none"> Hridaya 	<ul style="list-style-type: none"> Amgen* Janssen Pharmaceuticals* NIH* Novartis 	<ul style="list-style-type: none"> AHA† HFSA† Novartis* Noven Pharmaceuticals 	None
Grace Lin	Mayo Clinic—Assistant Professor of Medicine, Department of Cardiovascular Diseases; Director, Heart Failure Services	Content Reviewer, ACC HF&T Council	None	None	None	None	None	None
Vallerie McLaughlin	University of Michigan—Professor of Medicine; Director, Pulmonary Hypertension Program	Content Reviewer, Pulmonary Hypertension Expert	<ul style="list-style-type: none"> Actelion* Bayer Caremark St. Jude Medical Steadymed United Therapeutics 	None	None	<ul style="list-style-type: none"> Actelion* Bayer* Eiger 	<ul style="list-style-type: none"> Pulmonary Hypertension Association† 	None
Burhan Mohamedali	Rush University Medical Center—Medical Director, Heart Failure	Content Reviewer, ACC HF&T Council	None	None	None	None	<ul style="list-style-type: none"> Novaratis Teva Pharmaceuticals 	None
James Mudd	Oregon Health and Science University—Associate Professor of Medicine; Director, Heart Failure, Heart Transplant, and Advanced Cardiac Devices	Content Reviewer, ACC HF&T Council	None	None	None	None	None	None

Sandra Oliver-McNeil	Wayne State University—Assistant Professor; Nurse Practitioner	Content Reviewer, ACC Cardiovascular Team Council	None	None	None	None	None	None
Gurusher Panjra	George Washington University School of Medicine and Health Sciences—Assistant Professor of Medicine; Director, Heart Failure and Mechanical Support Program	Content Reviewer, ACC HF&T Council	None	• Amgen*	None	None	• Alnylam • CVRx	None
Parag C. Patel	Mayo Clinic—Assistant Professor of Medicine	Content Reviewer, AHFTC Training Program Director	None	None	None	None	None	None
Marwan Refaat	American University of Beirut Faculty of Medicine and Medical Center—Assistant Professor of Medicine; Director, Cardiovascular Fellowship Program	Content Reviewer, ACC Electrophysiology Section Leadership Council	None	None	None	None	None	None
Tina Shah	Michael E. DeBakey VA Medical Center, Baylor College of Medicine—Assistant Professor of Medicine	Content Reviewer, ACC HF&T Council	None	None	None	None	None	None
Richard Shemin	David Geffen UCLA School of Medicine—Robert and Kelly Day Professor; Ronald Reagan UCLA Medical Center—Chief, Cardiac Surgery; Executive Vice-Chairman, Surgery; Co-Director, Cardiovascular Center; Director, Cardiovascular Quality	Content Reviewer, ACC Surgeons Section Leadership Council	• AtriCure • Edwards LifeSciences • Sorin	None	None	None	None	• Defendant, Mitral Valve malpractice, 2016
, Jooyoung Julia Shin	Montefiore Medical Center, Albert Einstein College of Medicine—Associate Professor of Medicine; Director, Advanced Heart Failure and Transplant Cardiology Fellowship	Content Reviewer, AHFTC Training Program Director	None	None	None	None	None	None

Shashank S. Sinha	University of Michigan— Fellow-in-Training	Content Reviewer, ACC Early Career Section Leadership Council	None	None	None	None	None	None
Karen Stout	University of Washington— Professor of Internal Medicine; Adjunct Professor of Pediatrics	Content Reviewer, ACC Adult Congenital and Pediatric Cardiology Section Leadership Council	None	None	None	None	None	None
Nancy K. Sweitzer	University of Arizona— Professor of Medicine; Chief, Cardiology Division	Content Reviewer, COCATS 4 Training in Heart Failure Task Force Member	<ul style="list-style-type: none"> • Acorda Therapeutics • Heart Genomics • Medtronic 	None	None	<ul style="list-style-type: none"> • AHA† • Corvia Medical • Merck • Novartis† 	<ul style="list-style-type: none"> • NIH† 	None
Hector O. Ventura	University of Queensland— Professor of Medicine; Ochsner Health System—Section Head, Heart Failure Heart Transplant	Content Reviewer, AHFTC Training Program Director	None	None	None	None	<ul style="list-style-type: none"> • King Pharmaceuticals • NIH • Pfizer 	None
Gaby Weissman	Medstar Heart and Vascular Institute, Washington Hospital Center/ Georgetown University—Program Director, Cardiovascular Disease Fellowship	Content Reviewer, ACC Cardiovascular Training Section Leadership Council	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 $\geq 5\%$ of the voting stock or share of the business entity, or ownership of $\geq \$10,000$ 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.

† No financial benefit.

ABIM indicates American Board of Internal Medicine; ACC, American College of Cardiology; ACP, American College of Physicians; AHA, American Heart Association; AHFTC, advanced heart failure and transplant cardiology; COCATS, Core Cardiovascular Training Statement; GE, General Electric; HF&T, Heart Failure & Transplant; HFSA, Heart Failure Society of America; ISHLT, The International Society for Heart & Lung Transplantation; NHLBI, National Heart, Lung, and Blood Institute; NIH, National Institutes of Health; and VA, Veterans Affairs.