

Author Relationships With Industry and Other Entities (Comprehensive)—Recent Innovations, Modifications, and Evolution of ACC/AHA Clinical Practice Guidelines: An Update for Our Constituencies (December 2018)

Committee Member	Employment	Consultant	Speakers Bureau	Ownership/ Partnership/ Principal	Personal Research	Institutional, Organizational, or Other Financial Benefit	Expert Witness
Glenn N. Levine <i>(Immediate Past Chair)</i>	Professor of Medicine, Baylor College of Medicine Director, Cardiac Care Unit Michael E. DeBakey Medical Center	None	None	None	None	None	<ul style="list-style-type: none"> • Catheterization Laboratory Procedure • ECG interpretation • Non-ACS angiogram interpretation • Out of hospital cardiopulmonary arrest* • Out of hospital death*
Patrick T. O’Gara <i>(Chair)</i>	CV Division Brigham and Women’s Hospital, SH5	None	None	None	<ul style="list-style-type: none"> • Edwards Scientific† • Medtronic 	None	None
Joshua A. Beckman <i>(Chair-Elect)</i>	Professor of Medicine Vanderbilt University School of Medicine	<ul style="list-style-type: none"> • Aralez* • AstraZeneca* • Janssen Pharmaceuticals • SANOFI 	None	<ul style="list-style-type: none"> • EMX† • JanaCare† 	<ul style="list-style-type: none"> • Bristol Myers Squibb* 	<ul style="list-style-type: none"> • Bayer* • Vascular Interventional Advances* 	None
Sana M. Al-Khatib	Professor of Medicine Duke University Medical Center	None	None	None	<ul style="list-style-type: none"> • FDA • PCORI 	None	None
Kim K. Birtcher	Clinical Professor, University of Houston College of Pharmacy	<ul style="list-style-type: none"> • Jones & Bartlett Learning 	None	None	None	None	None

Joaquin E. Cigarroa	Clinical Professor of Medicine Clinical Chief KCVI Chief of Cardiology Professor of Medicine Oregon Health & Science University	None	None	None	None	<ul style="list-style-type: none"> • AHA† • ASA† • Catheterization and Cardiovascular Intervention • FDA • SCAI† 	<ul style="list-style-type: none"> • Coronary artery disease review • Sudden death/coronary artery disease
Lisa de las Fuentes	Associate Professor of Medicine and Biostatistics Co-Director, Cardiovascular Imaging and Clinical research Core Laboratory Washington University School of Medicine	<ul style="list-style-type: none"> • Akros • Arena • Express Scripts • Johnson & Johnson • Medscape* • Phase Bio • Reata 	<ul style="list-style-type: none"> • Bayer • Gilead* • Simply Speaking* 	None	<ul style="list-style-type: none"> • Bayer • Eiger* • Johnson & Johnson* • Liquidia* • Medtronic* • Phase Bio* • Reata 	<ul style="list-style-type: none"> • ACC† • AHA† • NIH* • Pulmonary Hypertension Association • University of Kentucky DSMB • University of Toronto† 	None
Anita Deswal	Professor of Medicine Baylor College of Medicine Chief, Cardiology Director, Heart Failure Michael E. DeBakey VA Medical Center	None	None	None	<ul style="list-style-type: none"> • NIH* 	<ul style="list-style-type: none"> • GWTG† • HFSA† • AHA† 	None
Lee A. Fleisher	Robert Dunning Dripps Professor of Anesthesiology and Critical Care; Chair, Department of Anesthesiology & Critical Care University of Pennsylvania Health System	<ul style="list-style-type: none"> • Blue Cross/Blue Shield* 	None	None	None	<ul style="list-style-type: none"> • NQF† • NIH • Yale University 	None

Federico Gentile	Director Cardiovascular Disease Centro Medico Diagnostico Parco Cuma via Vecchia Delle Vigne, 11	None	None	None	None	None	None
Zachary D. Goldberger	Associate Professor of Medicine Division of Cardiology, Harborview Medical Center University of Washington School of Medicine	None	None	None	None	None	None
Mark A. Hlatky	Professor of Health Research & Policy, and of Medicine (Cardiovascular) Stanford University School of Medicine	<ul style="list-style-type: none"> • Associate Editor • George Institute • Peabody & Arnold 	None	None	<ul style="list-style-type: none"> • Heartflow* • Milestone Pharmaceuticals* • Sanofi-Aventis • St Jude Medical • NHLBI • UCSF 	None	None
José A. Joglar	Professor of Internal Medicine Fellowship Program Director, Clinical Cardiac Electrophysiology Elizabeth Thaxton Page and Ellis Batten Page Professorship in Clinical Cardiac Electrophysiology Research	None	None	None	None	None	None
Mariann R. Piano	Nancy and Hilliard Travis Professor of Nursing Senior Associate Dean for Research Vanderbilt University School of Nursing	None	None	None	None	None	None

Duminda N. Wijeyesundera	Scientist, Li Ka Shing Knowledge Institute of St. Michael's Hospital Staff, Department of Anesthesia and Pain Management, Toronto General Hospital Assistant Professor, Department of Anesthesia and Institute of Health Policy Management and Evaluation	None	None	None	<ul style="list-style-type: none"> • CIHR* • Ministry of Health and Longterm Care of Ontario* • PCORI 	None	None
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This table represents all relationships of committee members with industry and other entities that were reported by authors, including those not deemed to be relevant to this document, 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 ACC/AHA Disclosure Policy for Writing Committees.

*Significant relationship.

†No financial benefit.

ACC indicates American College of Cardiology; AHA, American Heart Association; ASA, American Stroke Association; CIHR, Canadian Institutes of Health Research; Co-PI, co-principal investigator; DSMB, Data Safety Monitoring Board; FDA, U.S. Food and Drug Administration; GWTG, Get With The Guidelines; HFSA, Heart Failure Society of America; NHLBI, National Heart, Lung, and Blood Institute; NIH, National Institutes of Health; NQF, National Quality Forum; PCORI, Patient-Centered Outcomes Research Institute; PI, principal investigator; SCAI, Society for Cardiovascular Angiography and Interventions; UCSF, University of California San Francisco; and VA, Veterans Affairs.