

May 2019

CURRICULUM VITAE
George Thomas Charlton, M.D., F.A.C.C.

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EDUCATION

Undergraduate	University of Maryland at College Park, Cellular Biology and Molecular Genetics, B.S., <i>cum laude</i> , 2002
Medical School	University of Pittsburgh School of Medicine, M.D., <i>with distinction in biomedical research</i> , 2006

POSTGRADUATE TRAINING

Residency	University of Virginia, Charlottesville, VA, <i>Internal Medicine</i> , 2006-2009
Fellowships	Brown University Combined Program, Providence, RI, <i>Cardiovascular Disease</i> , 2010-2013 Brown University/Veterans Affairs Medical Center, Providence, RI, <i>Preventive Cardiology and Imaging</i> , 2013-2014

POSTGRADUATE HONORS AND AWARDS

Honorable Mention, James Ernest Kindred Housestaff Teaching Award at the
University of Virginia School of Medicine, 2008

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

- Diplomate, American Board of Internal Medicine, Cardiovascular Disease, 2013
- Diplomate, National Board of Echocardiography, Adult Comprehensive Echocardiography, 2013
- Rhode Island M.D. license, 2010-
- Diplomate, American Board of Internal Medicine, Internal Medicine, 2009
- Virginia M.D. license, 2006-2010

ACADEMIC APPOINTMENTS

- Assistant Professor of Medicine, Clinician Educator, Alpert Medical School at Brown University, 2014-
- Clinical Instructor, Alpert Medical School at Brown University, 2010-2014
- Clinical Instructor, Georgetown University School of Medicine, 2009-2010
- Clinical Instructor, University of Virginia School of Medicine, 2006-2009

HOSPITAL APPOINTMENTS

- Director, Cardiology and Echocardiography, Newport Hospital, 2014-
- Director, Cardiac Rehabilitation, Vanderbilt Rehabilitation Center at Newport Hospital, 2014-
- *Interim* Associate Director of Echocardiography, The Miriam Hospital, 2019-
- Attending Physician, The Miriam Hospital, 2014-
- Attending Physician, Newport Hospital, 2014-
- Attending Physician, Rhode Island Hospital, 2014-
- Attending Physician, Virginia Hospital Center, Arlington, VA, 2009-2010

OTHER APPOINTMENTS

- Course Director, Community General Cardiology at Newport Hospital IM-3130, Alpert Medical School at Brown University, 2017-
- Echocardiography Conference Planning Committee, Rhode Island Hospital and The Miriam Hospital, 2017-
- Clinical Competency Committee, Brown University Cardiology Fellowship, 2014-2018

HOSPITAL COMMITTEES

- Newport Hospital ICU Redesign Committee, 2018-2019
- Lifespan Strategic Focus Working Group - LPG Core Team, 2018
- Newport Hospital, Ad Hoc Physician Committee, 2017
- The Miriam Hospital, Ad Hoc Committee to Improve Cardiac Services, 2017-
- Newport Hospital, OpX Heart Failure Length of Stay Committee, 2015-2016
- Newport Hospital, Critical Care Committee, 2014-2016
- Rhode Island Hospital, Cardiac Arrest Committee, 2010-2014
- University of Virginia Health System, Personal Digital Assistant Committee, 2008-2009
- University of Virginia Health System, Health Information Management Committee, 2007-2008

MEMBERSHIP IN SOCIETIES

- American College of Cardiology, Fellow (FACC), 2014-

- (Associate, 2010-2014)
- American Society of Echocardiography 2012-
- Rhode Island Medical Society, 2010-
- Medical Society of Virginia, 2006-2010
- Univ. of Pittsburgh C.F. Reynolds Medical History Society, 2004-2006

PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Charlton GT, Slomka T, Wu WC, Choudhary G. *Right Ventricular Function Is Associated with Left Ventricular Stroke Volume in Patients with Severe Aortic Stenosis and Preserved Ejection Fraction*. Echocardiography. 2016;33(5):749-55. doi: 10.1111/echo.13160.
2. Bourque JM, Charlton GT, Holland BH, Belyea CM, Watson DD, Beller GA. *Prognosis in patients achieving ≥ 10 METS on exercise stress testing: was SPECT imaging useful?* J Nucl Cardiol. 2011;18(2):230-7. doi: 10.1007/s12350-010-9323-2; PMID:21132417

OTHER NON-PEER REVIEWED PUBLICATIONS

1. *Health Matters: Show Your Heart Some Love* , Newport Daily News, Feb 2018
2. *Health Matters: Women at Higher Risk for Heart Disease* , Newport Daily News, Feb 2017
3. *Living-A Lifespan Blog: Be Heart Smart – All Year Long*, Feb 2017
4. *Make a Goal to Exercise in 2015*, Newport This Week, Dec 2014
5. *The FIT Experience at ACC Legislative Conference*. ACC Fellows in Training Quarterly Newsletter. Summer 2013;Vol. 5, #2

ABSTRACTS

1. Charlton GT, Choudhary G, Wu WC, Slomka T. *Right Ventricular Function is Associated with Left Ventricular Stroke Volume in Patients with Severe Aortic Stenosis and Preserved Ejection Fraction*. Moderated Poster Presentation, Amer. Soc. of Echocardiography Scientific Sessions, June 2014
2. Bourque JM, Charlton GT, Holland BH, Belyea CM, Watson DD, Beller GA. *Low Prevalence of Ischemia and Excellent Prognosis in an Intermediate-Risk Cohort Achieving at least 10 METS on Exercise Myocardial Perfusion Imaging: Was SPECT Imaging Necessary?* Circulation. 2009;120:S319:Abst 320
3. Oruc N, Papachristou GI, Lamb J, Charlton G, George R, Slivka A, Whitcomb DC. *Protease Activated Receptor-4 (PAR-4) Polymorphisms in Familial and Sporadic Pancreatitis*. Gastroenterology. 2004;126(4, Suppl 2): A-593.
4. Papachristou GI, Oruc N, Charlton G, George R, Lamb J, Slivka A, Whitcomb DC. *Association of PAR-2 SNPs with Familial and Sporadic Pancreatitis*. Gastroenterology. 2004;126(4, Suppl 2): A-593.

PEER-REVIEWED SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

1. Multimodality Online Educational Case: Charlton GT, Poppas A. *Aortic Valve Repair for Aortic Insufficiency*. EchoSAP 7, Valvular Heart Disease section. American College of Cardiology, April 2013

INVITED PRESENTATIONS

1. American Heart Association: *Preventive Cardiology for Women*, Raytheon Corporation Portsmouth RI, Feb. 2019
2. Newport Stroke Support Group: *Atrial Fibrillation and Stroke*, Newport Hospital, Sept. 2018
3. Newport Hospital Community Lecture Series: *Heart Health for Women*, Feb. 2018
4. American Heart Association: *Heart Health for Women*, Raytheon Corporation Portsmouth RI, Feb. 2018
5. Radio interview: *Heart Health Month*, Talk of the Town with Bruce Newbury, WADK Newport RI, Feb 2017
6. ABC6 television interview: *Broken Heart Syndrome*, Jan. 2017
7. Radio interview with WPRO: *Broken Heart Syndrome*, Dec. 2016
8. Blue Cross and Blue Shield of Rhode Island Annual “Train the Trainer”: *Update in Heart Failure*, Providence RI, Sept. 2016
9. Newport Hospital Community Lecture Series: *Life’s Simple 7 for Heart Health Month*, Feb. 2016
10. American Heart Association: *Life’s Simple 7*, Raytheon Corporation Portsmouth RI, Feb. 2016
11. Newport Hospital Community Lecture Series: *Living Well with Heart Failure*, Sept. 2015
12. Online Interview for Lifespan: *Cardiovascular Benefits of Exercise*, Feb 2015
13. Rhode Island Hospital Department of Cardiology Grand Rounds: *Low-Flow Aortic Stenosis with Preserved Ejection Fraction: Relationship of Right Ventricular Function and Flow*, Sept. 2014
14. Rhode Island Hospital Department of Cardiology Grand Rounds: *Key Changes and Controversies Regarding the 2013 ACC-AHA Guidelines on Risk Assessment and Lipid Therapy in Primary Prevention*, Dec. 2013
15. Rhode Island Hospital Department of Neurology Grand Rounds, Invited Panelist: *Challenges Surrounding Stroke Related to Infectious Endocarditis*, May 2011

UNIVERSITY TEACHING, ADVISING and MENTORING ROLES

1. Course Director, IM-3130 Community General Cardiology in Newport, Alpert Medical School at Brown University, 2017-
 - a. Designed and lead a new clinical elective for upper class medical students at Newport Hospital, 5 students have rotated so far
2. Mentor, BIOL3640 & BIOL3650 Doctoring I & II, Alpert Medical School at Brown University, 2017-, Mentees: Olivia Ziegler 2017-2018, Kevin Wang 2018-2019
3. Small Group Educator, BIOL3662 Integrated Medical Sciences III, Cardiovascular, 2014-, average 3 sessions per course, average group size: 10

4. Faculty advisor, Internal Medicine Interest Group meeting, The Warren Alpert Medical School of Brown University, May 2018: 10 students, Feb. 2019: 8 students

GRADUATE MEDICAL EDUCATION

1. Attending, The Miriam Hospital and Rhode Island Hospital Echocardiography Labs, 2014-, average 6 Cardiology fellows per year, 1 month each, average 1 Medicine resident per year
2. Attending, The Miriam Hospital CCU and Cardiology Consultation Service, 2014-, average 5 weeks per year, usually 1 student, 1 Medicine resident, and 1 Cardiology fellow
3. Lecturer, Cardiology Fellowship Echocardiography Core Curriculum, 2014-
 - a. 3 lectures per year, average 10 fellows per lecture
4. Lecturer, Internal Medicine Core Curriculum, Chest pain evaluation, Mar. 2017: 4 students, 15 residents; June 2017: 6 students, 12 residents