

Holley C. Love
Instructional Assistant Professor
Department of Mechanical Engineering
University of Houston
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EDUCATION

University of Houston, Houston, TX

Doctor of Philosophy in Mechanical Engineering	May 2013
Master of Science in Mechanical Engineering	Aug. 2009
Bachelor of Science in Biomedical Engineering	May 2007

RELEVANT RESEARCH AND WORK EXPERIENCE

Instructional Assistant Professor, University of Houston	Aug. 2016 – Present
Staff Engineer, JBL Technologies	Feb. 2016 – Present
Research Engineer III, Texas Heart Institute	Oct. 2013 – Jun. 2015
Consultant, Texas Heart Institute	Sept. 2013 – Oct. 2013
Graduate Research Assistant	Aug. 2007 – Aug. 2013

INVITED TALKS & CONFERENCE PRESENTATIONS

Wang Y, Hsu PL, **Love HC**, Timms DL, McMahon RA. “In Vitro Study of an Intra-aortic VAD: Effect of Reverse-rotating Mode on Ventricular Recovery”. EMBS (September 2015)

Foster G, Pieper IL, Chan CHH, Radley G, **Love HC**, Milting H, Thornton CA. “In Vitro Benchmarking Study of VADs in Current Clinical Use”. ASAIO, Chicago (June 2015)

Pieper IL, Chan CHH, Radley G, **Love HC**, Milting H, Thornton CA, Foster G. “In vitro benchmarking study of ventricular assist devices”. ESC HF (May 2015)

Timms DL, Greatrex NA, Kleinheyer M, Nestler F, **Love HC**, Frazier OH, and Cohn WE. “BiVACOR Rotary Total Artificial Heart: Device Update”. CVRI Symposium, Baylor College of Medicine (February 2015)

Love HC, Timms DL, Nestler F, Frazier OH, Cohn WE. “A Mock Circulatory Loop for Designing and Evaluating Total Artificial Hearts”. EMBS (September 2014)

Love HC. “Bring Back the Beat”, BRC Ideas that Go Viral, Rice University (July 2013)

Love HC, Kleis SJ, Conger JL, Metcalfe RW, Balli C, Taylor N, Hurtado M, and Cohn WE. “Linearly Actuated Volume Displacement Pump for Ventricular Assist”. ASAIO (June 2013)

HONORS AND AWARDS

Graduate STEM Fellow in K-12 Education (GK-12) Program, National Science Foundation under sponsorship of the Cullen College of Engineering, University of Houston (2011-2012)

President, Mechanical Engineering Graduate Association (2010-2011)

President, Tau Beta Pi, Texas Epsilon Chapter (2006-2007)

Outstanding Junior and Senior in Biomedical Engineering, University of Houston (2007, 2006)

Summer Undergraduate Research Fellow, University of Houston (2006)

Outstanding First Year Student, Honors College, University of Houston (2007)