Curriculum Vitae
SETH ADAM HOLLANDER

Personal Information

Position: Clinical Assistant Professor, Pediatrics (Cardiology)
Associate Section Chief, Pediatric Heart Failure/Transplantation
Lucile Packard Children's Hospital, Stanford University Medical Center

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Education

1992-1996	Haverford College Haverford, Pennsylvania	B.A.
Fall 1994	Universidad de Sevilla Seville, Spain	
1999-2000	Bryn Mawr College Postbaccalaureate Premedical Program Bryn Mawr, Pennsylvania	Postbaccalaureate Certificate
2000-2004	Jefferson Medical College Thomas Jefferson University Philadelphia, Pennsylvania	M.D.
2004- 2007	Pediatric Residency Training Program University of California, San Francisco San Francisco, California	Completed June 2007
2008-2011	Fellowship in Pediatric Cardiology Lucile Packard Children's Hospital Stanford University Medical Center Palo Alto, California	Completed June 2011
2011-2012	Senior Fellowship in Pediatric Heart Failure/Cardiac Transplantation Lucile Packard Children's Hospital Stanford University Medical Center Palo Alto, California	Completed June 2012

Licenses/Certifications

2013	Board Certified, Pediatric Cardiology
2007	Certification, American Board of Pediatrics
2007	PALS Re-Certification
2006	California Physicians & Surgeons License (#A94458)
2006	DEA License (#BH9860570)
2006	NALS Certification

Employment

2012- Present	Clinical Assistant Professor, Pediatrics (Cardiology) Stanford University Medical Center
2007-2008	Clinical Instructor, Pediatric Transport UCSF Children's Hospital University of California, San Francisco
2007-Present	Pool Physician, Department of Pediatrics Kaiser Permanente Medical Centers in San Francisco and Redwood City, California
2000-2001	Research Assistant, Department of Emergency Medicine Thomas Jefferson University Hospital

Honors & Awards

2004	*Cum Laude* Jefferson Medical College, Thomas Jefferson University
2004	J. Woodrow Savacool Prize for Medical Ethics Jefferson Medical College, Thomas Jefferson University
2004	Nominee, Pohl Prize for Professionalism Jefferson Medical College, Thomas Jefferson University
2004	Foerderer Scholarship for International Study Jefferson Medical College, Thomas Jefferson University
2003	*Alpha Omega Alpha* Medical Honors Society Jefferson Medical College, Thomas Jefferson University Honors Society
2003	Hobart Amory Hare Internal Medicine Honors Society Jefferson Medical College, Thomas Jefferson University
2003	Founder and Author, Jefferson Medical College Honor Code Jefferson Medical College, Thomas Jefferson University
1996	Thesis Honors Department of Psychology, Haverford College

Professional Activities/Organizations

2011-	American Society of Transplantation
2010-	International Society for Heart & Lung Transplantation
2008-	American College of Cardiology
2007-	American Board of Pediatrics
2003 –	*Alpha Omega Alpha* Medical Honors Society

Invited Presentations

2013	*Cardiac Emergencies*. Stanford University Emergency Medicine Resident Lecture Series
2012	*Ventricular Assist Devices in Pediatric Heart Failure: Past, Present, & Future.* California Perfusion Society Conference. Lake Tahoe, California.
2011	*Management of Ventricular Assist Devices in Pediatric Heart Failure* 3rd Annual Stanford University Pediatric Cardiac Anesthesia Conference Stanford University
2011	*Outcomes Following a First Hospitalization for Dilated Cardiomyopathy in Children* Cincinnati Children's Hospital Medical Center
2004	Student Speaker, University Faculty Retreat Jefferson Medical College, Thomas Jefferson University

University & Public Service

2012-2013 Co-Chair
LPCH Pediatric Solid Organ Transplant Symposium

2010-2011 Fellow Liaison & Coordinator
LPCH Heart Center Morbidity & Mortality Conference

2006 Volunteer Physician
Global Healing Roatan Volunteer Pediatric Clinic (Roatan Public Hospital)
Roatan, Honduras

2003-2004 Director, *JeffHOPE*
Directed a weekly free primary care clinic, pharmacy, and advocacy program in a homeless shelter.

2002-2004 Chairperson, *Professionalism Task Force*
Jefferson Medical College, Thomas Jefferson University
Led an administrative task force of deans, faculty, and students to write and implement an honor code for the medical school.

2001-2004 Founder/ Director, *JeffHOPE-JGSA for Kids Partnership*
Created and coordinated a program for members of the Philadelphia Jewish community to volunteer at JeffHOPE shelters.

2002-2003 Vice-President, Student Council
Jefferson Medical College, Thomas Jefferson University

2002-2003 President, *Jefferson Jewish Students Association*

2001-2002 Student Coordinator, *JeffHOPE*
Coordinated staffing of four free medical clinics throughout Philadelphia.

Teaching

2012- Present Faculty Mentor, Pediatric Cardiology Fellow Research Projects
Stanford University School of Medicine

2012-2013 Faculty Mentor, Pediatric Cardiology Medical Student Research Project
Stanford University School of Medicine

2012-2013 Faculty Lecturer, *Transplant Medications*
Stanford University Pediatric Cardiology Fellows Introductory Lecture Series

2012 Faculty Lecturer, *Introduction to Congenital Heart Disease*
Stanford University School of Medicine

2012- 2013 Faculty Mentor, Pediatric Residency *SCOPE* Program

2000- 2004 MCAT Instructor
Bryn Mawr College Postbaccalaureate Program

2003-2004 Educational Coordinator for high school, university, and postbaccalaureate students at JeffHOPE's *Gateway* Clinic
Jefferson Medical College, Thomas Jefferson University

Grants & Funding

2013- Present *Lucile Packard Foundation For Children's Health: Children With Special Health Care Needs Grant ($15,000)*
Funded to implement and study the feasibility and efficacy of the application of the "Group Visit Model" on the pediatric heart transplant population.

Clinical Research Program

2008- Present *Division of Pediatric Cardiology*
Stanford University Medical Center, Palo Alto, California
Mentors: David Rosenthal, MD, Daniel Bernstein, MD
Created and maintain a clinical outcomes database of pediatric heart failure and heart transplant patients with ongoing clinical research with this patient population. Other research projects include renal failure following heart transplantation, quality of life in long term survivors following heart transplantation, and the indications for heart-liver transplantation in children.

2006-2007 *Division of Critical Care/Cardiovascular Research Institute*
University of California, San Francisco
Mentor: Jeffrey Fineman, MD
Investigated the role of B-Type Naturetic Peptide as a predictor for post-operative outcome/low cardiac output state in children with complex cardiac disease, including those requiring ECLS. Duties included patient enrollment, consent, sample acquisition, data analysis, and literature review.

2000-2001 *Division of Emergency Medicine*
Thomas Jefferson University Hospital
Mentors: Bernard Lopez, MD, Linda Davis-Moon, MSN
Participated in two clinical research studies, investigating the role of patient expectations as a predictor of ED visit satisfaction as well as clinical trials for the *Infusaport* rapid IV infusion pump.

Abstracts/Poster Presentations

Maeda K, **Hollander S**, Yeh J, Navaratnam M, Mallidi H, Liu E, Lin A, Lal A, Bernstein D, Rosenthal D, Reinhartz O. Outcomes Following HeartMate II Left Ventricular Assist Device Implantation in Pediatric Patients. *American Society for Artificial Internal Organs: 59th Annual Conference, Chicago, IL*, June 2013.

Ploutz M, **Hollander SA**, Reinhartz O, Maeda K, Yeh J, Rosenthal DN. A Novel Scoring System for Recovery After VAD Implantation in Children: Initial Feasibility. *International Society for Heart & Lung Transplantation: 33rd Annual Meeting and Scientific Sessions, Montreal, Canada*, April 2013.

Lin A, Liu E, Keating K, Maeda S, **Hollander S**, Rosenthal D. School Re-Integration for PediatricVADs. *International Society for Heart & Lung Transplantation: 33rd Annual Meeting and Scientific Sessions, Montreal, Canada*, April 2013.

Lin A, Liu E, Keating K, Maeda S, **Hollander S**, Rosenthal D. Pediatric Outpatient VAD experience at Stanford. *International Society for Heart & Lung Transplantation: 33rd Annual Meeting and Scientific Sessions, Montreal, Canada*, April 2013.

Maeda K, Asija R, **Hollander SA**, Williams G, Yeh, J, Rosenthal DN, Reinhartz O. Low Dose Factor Eight Inhibitor Bypassing Activity (FEIBA) for Incessant bleeding in pediatric patients on mechanical circulatory support (MCS). *International Society for Heart & Lung Transplantation: 33rd Annual Meeting and Scientific Sessions, Montreal, Canada*, April 2013.

Siehr SL, Bernstein D, Yeh J, Rosenthal DN, **Hollander SA**. Orthotopic Heart Transplantation in Two Infants With Histiocytoid Cardiomyopathy and Left Ventricular Noncompaction. *International Society for Heart & Lung Transplantation: 33rd Annual Meeting and Scientific Sessions, Montreal, Canada*, April 2013.

Abstracts/Poster Presentations (cont'd.)

McAloon A, Rizzuto S, **Hollander SA**, Rosenthal DN. A Standardized, Family-Centered, Rehabilitation Care Path for Long-Term Hospitalized Pediatric Patients With Paracorporeal VADs Awaiting Heart Transplantation. *Pediatric Cardiac Intensive Care Society Annual Meeting, Miami Beach, Florida*, December, 2012.

Dao D, **Hollander SA**, Rosenthal DN, Dubin AM. QRS Duration Is a Risk Factor For Life-Threatening Arrhythmias in Children With Dilated Cardiomyopathy. *American Heart Association Scientific Sessions 2012*, November 2012.

Hollander SA, Anderson M, Tyan D, Castleberry CD, Bernstein D, Chin C. A Reduced Immunosuppression Protocol in Highly-Sensitized Pediatric Heart Transplant Patients With a C1q Negative Virtual Crossmatch. *International Society for Heart & Lung Transplantation: 32nd Annual Meeting and Scientific Sessions, Prague, Czech Republic*, April 2012.

Castleberry CD, Bernstein D, Maeda K, **Hollander SA**, Wright GE, Reinhartz O, Rosenthal DN. Use of a Membrane Oxygenator for Recurrent Respiratory Failure in Pediatric Berlin Biventricular Support. *International Society for Heart & Lung Transplantation: 32nd Annual Meeting and Scientific Sessions, Prague, Czech Republic*, April 2012.

Castleberry CD, Chin C, Rosenthal DN, Bernstein D, **Hollander SA**, Tyan D. Complement Fixation by C1q vs. MFI: Detection of Clinically Relevant Antibodies. *International Society for Heart & Lung Transplantation: 32nd Annual Meeting and Scientific Sessions, Prague, Czech Republic*, April 2012.

Hollander SA, Reinhartz O, Chin C, Yeh J, Maeda K, Mallidi H, Bernstein D, Rosenthal DN. Mechanical Circulatory Support for the Pediatric Patient With An Unstable Social Situation. *International Society for Heart & Lung Transplantation: 31st Annual Meeting and Scientific Sessions, Junior Faculty/Trainee Poster Presentations,* San Diego, California, April 2011.

Peer-Reviewed Publications

Hollander SA, Hollander AJ, Rizzuto S, Reinhartz O, Maeda K, Rosenthal DN. An Acute Inpatient Rehabilitation Program Utilizing Age-Appropriate, Family-Centered, Standardized Care Pathways Following Paracorporeal Ventricular Assist Device Placement in Children. (submitted, *Journal of Heart & Lung Transplantation*, August 2013)

Hollander SA, Callus E. Cognitive and Psychological Performance in Pediatric Heart Failure. Sub-section within the co-morbidities section of the *2013 International Society for Heart & Lung Transplantation Guidelines for the Management of Pediatric Heart Failure*. (accepted, June 2013)

Siehr SL, Bernstein D, Yeh J, Rosenthal DN, **Hollander SA**. Orthotopic Heart Transplantation in Two Infants With Histiocytoid Cardiomyopathy and Left Ventricular Noncompaction. (accepted, *Pediatric Transplantation,* May 2013)

Dao D, **Hollander SA**, Rosenthal DN, Dubin AM. QRS Prolongation is Strongly Associated with Life-Threatening Ventricular Arrhythmias in Children with Dilated Cardiomyopathy. 2013 Aug 6, doi:pii: S1053-2498(13)01299-0. 10.1016/j.healun.2013.06.007 [Epub ahead of print]

Hollander SA, Addonizio LJ, Chin C, Lamour JM, Hsu DT, Bernstein D, Rosenthal DN. Abdominal Complaints as a Common First Presentation of Heart Failure in Adolescents With Dilated Cardiomyopathy. *American Journal of Emergency Medicine*. 2013 Apr;31(4):684-6.

Peer-Reviewed Publications (cont'd)

Hollander SA, Reinhartz O, Maeda K, Hurwitz M, Rosenthal DN, Bernstein D. Intermediate-Term Outcomes Following Combined Heart-Liver Transplantation in Children With a Univentricular Heart. *Journal of Heart & Lung Transplantation*. Mar;32(3):368-70.

Hill A, Maxey DM, Rosenthal DN, Siehr SL, **Hollander SA**, Dubin AM, Feinstein JA. Electrical and Mechanical Dyssnchrony in Pediatric Pulmonary Hypertension. *Journal of Heart & Lung Transplantation.* 2012 Aug;31(8):825-30.

Hollander SA, Bernstein D, Yeh J, Dao D, Sun H, Rosenthal DN. Outcomes of Children Following a First Hospitalization for Dilated Cardiomyopathy. *Circulation-Heart Failure*. 2012 Jul 1;5(4):437-43.

Hollander SA, Reinhartz O, Chin C, Yeh J, Maeda K, Mallidi H, Bernstein D, Rosenthal DN. Use of the Impella 5.0 as a Bridge from ECMO to Implantation of the HeartMate II Left Ventricular Assist Device in a Pediatric Patient. *Pediatric Transplantation.* 2012 Mar;16(2):205-6.

Hollander SA, Rosenthal DN. Cardiac Resynchronization Therapy in Pediatric Heart Failure. *Progress in Pediatric Cardiology*. 2011;(21):111-117.

Hollander SA, Yasnovsky JR, Reinhartz O, Chan F, Sandborg C, Hunt S, Bernstein D, Chin C. Heart Transplantation & Behcet's Disease: A Word of Caution. *Journal of Heart & Lung Transplantation.* 2010 Nov;29(11):1306-1308.

Hsu JH, Keller RL, Chikovani O, Cheng H, **Hollander SA**, Karl TR, Azakie A, Adatia I, Oishi P, Fineman JR. B-type naturetic peptide levels predict outcome after neonatal cardiac surgery. *J Thorac Cardiovasc Surg.* 2007;134(4):939-45.

Book Chapters

Hollander SA, and Bernstein, D. *Management of Congestive Heart Failure*. Neonatology: Clinical Practice and Procedural Atlas. Stevenson DK, Sunshine P, Cohen RS & Van Meurs K, ed. Stanford University, CA. (in press)

Language Abilities

Fluency in Spanish