

## Curriculum Vitae

### **PART I: General Information**

**DATE PREPARED:** March 21, 2006

**Name:** Christopher S. D. Almond

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**Place of Birth:** Hartford, Connecticut, USA

#### **Education:**

1992	B.S.	College of William and Mary, Williamsburg, VA
1998	M.P.H.	Harvard University School of Public Health, Boston, MA. (statistics/epidemiol)
1999	M.D.	University of Connecticut School of Medicine, Farmington, CT.

#### **Postdoctoral Training:**

##### **Internships and Residency:**

1999-2000	Internship in Medicine, Children's Hospital Boston, Boston, MA
2000-2002	Resident in Medicine, Children's Hospital Boston, Boston, MA

##### **Fellowship:**

2002-2005	Fellowship in Cardiology, Children's Hospital Boston, Boston, MA
2005-2006	Senior Clinical Fellow Heart Failure/Transplantation, Children's Hospital Boston
2005-2006	Medical Device Fellowship Program, Center for Devices and Radiological Health, Food and Drug Administration, Rockville, MD

#### **Licensure and Certification:**

1999	Diplomat, American Board of Pediatrics
2006	Massachusetts Board of Registration in Medicine

#### **Academic Appointments:**

1999-2005	Clinical Fellow in Pediatrics, Harvard Medical School, Boston, MA
2006-	Instructor, Harvard Medical School, Boston, MA

**Professional Societies:**

1999- American Academy of Pediatrics  
2002- Massachusetts Medical Society  
2004- International Society for Heart and Lung Transplantation

**Editorial Boards:**

2005 *Clinical Journal of Sports Medicine*, ad hoc reviewer  
2006 *New England Journal of Medicine*, ad hoc reviewer

**Awards and Honors:**

2005 Farley Award, Department of Cardiology, Children's Hospital Boston.  
2005 Invited Delegate, International Symposium, Exercise-Associated Hyponatremia, Capetown, South Africa.  
2005- National Institutes of Health, Loan Repayment Award, "Osteoporosis and Pediatric Heart Transplantation: a Prospective Study"  
1999 Lange Award, University of Connecticut School of Medicine.  
1991-1992 University of Connecticut School of Medicine, Research Fellowship Award  
1991 Gamma Sigma Epsilon Honor Society  
1988 Kleinman Scholarship Award

**Funding Information:**

2004- National Institutes of Health, Loan Repayment Program. Principal Investigator, Osteoporosis and Pediatric Heart Transplantation  
2003 General Clinical Research Center, Children's Hospital. Principal Investigator, Osteoporosis and Pediatric Heart Transplantation  
1994-1995 General Clinical Research Center, Children's Hospital. Lead Investigator, Children's Hospital Marathon Physiology Study (CHaMP Study)

**Invited Presentations:**

2005 International Symposium on Exercise-Associated Hyponatremia. Cape Town, South Africa Consensus Development conference for guidelines on the risk-factors, diagnosis and management of exercise-associated Hyponatremia  
Presentation "Hyponatremia among runners in the Boston Marathon"

2006 F.D.A. Workshop on the Regulatory Process for Pediatric Mechanical Support, Rockville, MD Center for Devices and Radiological Health, Office of Device Evaluation, U.S. Food and Drug Administration  
Presentation: "Regulatory Challenges in Pediatric Mechanical Support: a Clinician's Perspective"

2006 American College of Cardiology Scientific Session. Atlanta Georgia.  
Panel Session on Pediatric Mechanical Circulatory Support  
Presentation: Regulatory Challenges facing Pediatric Mechanical Circulatory Support Devices.

## Part III: Bibliography

### Original Articles:

1. **Almond CS**, Shin AY, Fortescue EB, Mannix RC, Wypij D, Binstadt BA, Duncan CN, Olson DP, Salerno AE, Newburger JW, Greenes DS. Hyponatremia among runners in the Boston Marathon. *N Engl J Med*. 2005 Apr 14;352(15):1550-6
2. McElhinney DB, Sherwood MC, Keane JF, del Nido PJ, **Almond CS**, Lock JE. Current management of severe congenital mitral stenosis: Outcomes of transcatheter and surgical therapy in 108 infants and children. *Circulation*. 2005 Jul 25
3. Hew-Butler TD, **Almond C**, Ayus JC, Meeuwisse W, et al. Consensus Statement of the 1<sup>st</sup> International Exercise-Associated Hyponatremia Consensus Development Conference. *Clin J Sport Med*. 2005 Jul;15(4):208-13
4. Noakes TD, Sharwood K, Speedy D, Hew T, Reid S, Dugas J, **Almond C**, Wharam P, Weschler L. Three independent biological mechanisms cause exercise-associated hyponatremia: *Proc Natl Acad Sci*. 2005 Dec.20;102(51):18550-5
5. **Almond CS**, Shin AY, Mannix RC, Duncan CN, Son MF, McLauchlan HF, Kanaan UB et al. The Boston Marathon Study: A Novel Approach to Research during Residency. *Pediatrics*. 2006 May; 117(5):1818-22
6. Nathan M, Baird, Fynn-Thompson F, **Almond C**, Thiagarajan R, Lauusen P, Blume E, Pigula F. Successful implantation of a Berlin heart biventricular assist device in a failing single ventricle. *J Thorac Cardiovasc Surg*. 2006 Jun: 131(6): 1407-8.
7. **Almond CS**, Chen EA, Berman MR, Less JR, Baldwin JT, Linde-Feucht WR, Hoke TR, Pearson GD, Jenkins K, Duncan BW, Zuckerman BD, High-risk Medical Devices, Children and the FDA: Regulatory Challenges facing Pediatric Mechanical Support, *ASAIO J*. 2007 Jan-Feb;53(1):4-7.
8. **Almond CS**, Harrington J, Thiagarajan RR, Duncan CN, LaPierre R, Halwick D, Blume ED, del Nido PJ, Neufeld EJ, McGowan FX. Successful use of Bivalirudin for Cardiac Transplantation in a Child with Heparin-induced Thrombocytopenia. *J Heart Lung Transplant*. 2006 Nov;25(11):1376-9.
9. Fynn-Thompson FF, **Almond CS**. Pediatric Ventricular Assist Devices. *Pediatric Cardiol*. 2007 Jan 29.
10. **Almond CS**, Mayer JE, Thiagarajan RR, Blume ED, del Nido PJ, McElhinney DB. Fontan Failure and Takedown to an Intermediate Palliative Circulation. *Ann Thorac Surg*. (In press)

### Chapters:

**Almond CS**, Shin AY. Critical Care Medicine, Children's Hospital Boston. Clinical House staff Manual, Edited by Binstadt and Gupta, 2001.

**Current abstracts:**

1. **Almond CS**, Blume ED, Smoot L, Bastardi HJ, Mayer JE, Jr., Higuchi L, Thiagarajan RR. Congenital Heart Disease and Late Mortality Following Pediatric Heart Transplantation. ACC 2006 Annual Scientific Session, Atlanta, GA
2. **Almond CS**, Blume ED, Edwards L, Boucek M. Risk Factors for Mortality Following Pediatric Heart Replantation: Analysis from the International Society of Heart and Lung Transplantation Registry. Accepted for oral presentation, International Society of Heart and Lung Transplantation, Madrid, Spain 2006
3. **Almond CS**, Wood I, McElhinney DB, Smoot L, Elder J, Bastardi H, Thiagarajan R, Blume ED. Flow-Based Screening for Preformed Alloantibody Prior to Pediatric Heart Transplantation. Accepted for oral presentation, International Society of Heart and Lung Transplantation, Madrid, Spain 2006