

# Curriculum Vitae

## PART I: General Information

**Date Prepared:** July 1, 2008

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**Place of Birth:** McKeesport, PA

### Education

1988-1992 B.S. in Science with Honors in Human Development and Family Studies, and a minor degree in French, The Pennsylvania State University, University Park, PA

1992-1996 M.D., University of Pittsburgh School of Medicine, Pittsburgh, PA

### Postgraduate Training

1996-1999 Resident in Pediatrics  
Children's Hospital of Pittsburgh, Pittsburgh, PA.

1999-2002 Fellow in Pediatric Cardiology  
Medical University of South Carolina, Charleston, SC

October 2000 Visiting Fellow in Pediatric Cardiac Pathology  
Children's Hospital, Boston, MA

April-June 2002 Visiting Fellow in Pediatric Cardiac MRI  
Children's Hospital, Boston, MA

## **Licensure and Certification**

- 1998 Pennsylvania (Unlimited Physician License)  
1999 South Carolina (Unlimited Physician License, Inactive Status)  
2002 Massachusetts (Unlimited Physician License)
- 1999 American Board of Pediatrics  
2002 Sub-Board in Pediatric Cardiology, American Board of Pediatrics  
2006 American Board of Pediatrics (Recertification)
- 2004 Fellow, American Academy of Pediatrics  
2005 Fellow, American College of Cardiology

## **Academic Appointments**

- April 2001 – June 2002 Clinical Instructor in Pediatrics  
Medical University of South Carolina, Charleston, SC
- July 2002 - December 2002 Clinical Instructor in Pediatric Cardiology  
Medical University of South Carolina, Charleston, SC
- January 2003 – May 2005 Instructor in Pathology  
Harvard Medical School
- May 2005 – November 2007 Assistant Professor of Pathology  
Harvard Medical School
- December 2007 – Present Assistant Professor of Pathology and Pediatrics  
Harvard Medical School

## **Hospital Appointments**

- April 2001 – June 2002 Clinical Instructor in Pediatrics  
Medical University of South Carolina, Charleston, SC
- July 2002 - December 2002 Clinical Instructor in Pediatric Cardiology  
Medical University of South Carolina, Charleston, SC
- January 2003 – January 2008 Assistant in Cardiology  
Children's Hospital Boston
- January 2003 – August 2006 Medical Director of The Cardiac Registry  
Children's Hospital Boston

August 2006-Present      Director of The Cardiac Registry  
Children's Hospital Boston

January 2008-Present      Associate in Cardiology  
Children's Hospital Boston

### **Other Professional Positions and Major Visiting Appointments**

November 2004      Visiting Professor, Division of Pediatric Cardiology, Yale  
University School of Medicine, New Haven, CT

June 2005      Visiting Professor, German Cancer Research Center (DFKZ),  
Department of Medical and Biological Informatics, Heidelberg,  
Germany

April 2006      First Fellowship Society Visiting Professor, Children's Healthcare  
of Atlanta, Emory University, Atlanta, GA

April 2007      The Macy's Central, Inc. Visiting Lectureship in Cardiac  
Pathology, Children's Healthcare of Atlanta, Emory University,  
Atlanta, GA

### **Major Administrative Responsibilities**

2003- 2006      Medical Director of the Cardiac Registry  
2006-      Director of the Cardiac Registry

### **Major Committee Assignments**

July 2001-March 2002      Resident Representative to the Graduate Medical Education  
Committee, Medical University of South Carolina

July 2007 – Present      Board Member, The Academy at Children's Hospital Boston

### **Professional and Scientific Societies**

1996 -      American Academy of Pediatrics  
1999 –      American College of Cardiology, Congenital Heart Disease Section  
2001 –      American Heart Association, Council for Cardiovascular Disease in the Young  
2004 -      Society for Cardiovascular Pathology  
2007 -      Founding Member, World Society for Pediatric and Congenital Heart Surgery

### **Community Service Related to Professional Work**

1999      Pediatrics Clinic, Indian Health Service, Fort Defiance, Arizona  
2000-2005      Cardiologist, Heart Care International Pediatric Cardiac Surgical Mission to the

2005 - Dominican Republic  
Cardiologist, Heart Care International Pediatric Cardiac Surgical Mission to El Salvador, Post-operative team leader

### **Editorial Boards**

2001 *Ad hoc* reviewer for Pediatric Cardiology  
2003 *Ad hoc* reviewer for American Journal of Cardiology  
2004- *Ad hoc* reviewer for Pediatric and Developmental Pathology  
2005- *Ad hoc* reviewer for Circulation  
2006- *Ad hoc* reviewer for Cardiovascular Pathology  
2008- Editorial Board Member, CTSNet Congenital Portal  
2008- *Ad hoc* reviewer for Journal of Cardiovascular CT

### **Honors and Awards**

1988-1992 National Merit Scholar  
1988-1992 Braddock Scholar, University Scholars Program Scholarship, Penn State University  
1988-1992 Penn State University Dean's List  
1991-1992 President, Eberly College of Science Student Council, Penn State University  
1992 Phi Beta Kappa Society  
1992 Senior Service Award, Eberly College of Science, Penn State University  
1996 Charles Louis Wood, M.D. Award in Ambulatory Pediatrics  
1996 C. F. Reynolds History of Medicine Society Award  
1996 Gwen and Bebe Miller Scope and Scalpel Award  
2001 ACC / Littman Scholarship Travel Award - Clinical Heart Disease  
2004 Harvard Medical School 50<sup>th</sup> Anniversary Scholars in Medicine Fellowship  
2006 Markwald Award, Weinstein Conference on Cardiovascular Development  
2006 Harvard Medical School Academy Fellowship  
2007 Harvard Medical School Excellence in Tutoring Award (Human Body Course)  
2007 Nominee, Harvard Medical School Prize for Excellence in Teaching (Years 1&2)  
2008 Harvard Medical School Excellence in Tutoring Award (Human Body Course)  
2008 Children's Hospital Pathology Ramzi Cotran Award for teaching and mentorship

## **PART III: Bibliography**

### **Articles**

1. Davis, D.L., Edwards, A.V., **Juraszek, A.L.**, Phelps, A., Wessels, A., Burch, J.B. A GATA-6 gene heart-region-specific enhancer provides a novel means to mark and probe a discrete component of the mouse cardiac conduction system. *Mech Dev* 108:105-19, 2001.
2. **Juraszek, A.L.**, Atz, A.M., Shirali, G.S. Echocardiographic diagnosis of partial obstruction of Blalock-Taussig shunts. *Cardiol Young* 12:189-91, 2002.
3. Wessels, A., Phelps, A., Trusk, T.C., Davis, D.L., Edwards, A.V., Burch, J.B.E., **Juraszek, A.L.** Mouse models for cardiac conduction system development. *Novartis Found Symp*

- 250:44-59, 2003.
4. Edwards, A.V., Davis, D.L., **Juraszek, A.L.**, Wessels, A., Burch, J.B. Transcriptional regulation in the mouse atrioventricular conduction system. *Novartis Found Symp* 250:177-89, 2003
  5. Pu, W.T., Ishiwata, T., **Juraszek, A.L.**, Ma, Q., Izumo, S. GATA4 is a dosage sensitive regulator of cardiac morphogenesis. *Developmental Biology* 275:235-44, 2004.
  6. **Juraszek, A.L.**, Cohn, H., Van Praagh, R., Van Praagh, S. Anomalous connection of all left pulmonary veins to the inferior vena cava without left-sided scimitar syndrome. *Pediatric Cardiology* 26:846-7, 2005
  7. Khairy, P., Treidman, J.K., **Juraszek, A.L.**, Cecchin, F. Inability to cannulate the coronary sinus in patients with supraventricular arrhythmias: congenital and acquired coronary sinus atresia. *J Interv Card Electrophysiol*, 12:123-127, 2005.
  8. Zeisberg, E.M., Ma, Q, **Juraszek, A.L.**, Moses, K., Schwartz, R.J., Izumo, S., Pu, W.T. Morphogenesis of the right ventricle requires myocardial expression of GATA4. *J Clin Invest* 115:1522-1531, 2005.
  9. Mottl-Link, S. Boettger, T., Krueger J.J., Rietdorf, U., Schnackenburg, B., Ewert, P., Berger, F., Nagel, E., Meinzer, H.P., **Juraszek, A.L.**, Kuehne, T., Wolf, I. Images in Cardiovascular Medicine. Cast of complex congenital heart malformation in a living patient. *Circulation* 112(24):e356-7, 2005.
  10. Reidlinger, W.F.J., **Juraszek, A.L.**, Jenkins, K.J., Nugent, A.W., Balasubramanian, S., Calicchio, M.L., Kieran, M.W., Collins, T. Pulmonary vein stenosis: Expression of receptor tyrosine kinases by lesional cells. *Cardiovascular Pathology*, 15:91-99, 2006.
  11. Aru, G.M., **Juraszek, A.L.**, Moskowitz, I., Van Praagh, R. Tetralogy of Fallot with congenital aortic valvar stenosis: the tetralogy-truncus interrelationship. *Pediatric Cardiology* 27:354-9, 2006.
  12. Wald, R.M., **Juraszek, A.L.**, Pigula, F.A., Geva T. Echocardiographic diagnosis and management of bilateral coronary ostial atresia in a patient with pulmonary atresia and intact ventricular septum. *J Am Soc Echocardiogr* 19:939.e1-3, 2006.
  13. Kanani, M., Elliot, M.J., Cook, A., **Juraszek, A.L.**, Devine, W., Anderson, R.H. Late incompetence of the left atrioventricular valve following repair of atrioventricular septal defects: the morphological perspective. *J Thorac Cardiovasc Surg*, 132(3):640-6, 646.e1-3, 2006.
  14. **Juraszek, A.L.**, Guleserian, K.J. Common aortic arch anomalies: Diagnosis and management. *Curr Treat Options Cardiovasc Med*, 8(5): 414-418, 2006.
  15. **Juraszek, A.L.** Stella Van Praagh (March 18, 1927-June 3, 2006). *Cardiol Young*, 16(5):517, 2006.
  16. Mong, S., Pomeroy, S.L., Cecchin, F., **Juraszek, A.L.**, Alexander, M.E. Cardiac risk after craniopharyngioma therapy. *Pediatr Neurol* 38(4):256-260, 2008.
  17. Obler, D., **Juraszek, A.L.**, Smoot L.B., Natowicz, M.R. Double outlet right ventricle: Aetiologies and associations. *J Med Genet*, epub May 2, 2008.
  18. Poh, A.C., **Juraszek, A.L.**, Ersoy, H., Whitmore, A.G., Davidson, M.J., Mitsouras, D., Rybicki, F.J. Endocardial irregularities of the left atrial roof as seen on coronary CT angiography. In press, *International Journal of Cardiovascular Imaging*.

## Chapters

1. Moskowitz, I.P. and **Juraszek, A.L.** Cardiac Embryology and Genetics In: F. Sellke, S. Swanson, and P. Del Nido, editors, Sabiston and Spencer Surgery of the Chest, 7<sup>th</sup> ed. Philadelphia: Elsevier Saunders, 2005. p1751-1762.

## Abstracts

1. Lokshin A., Mayotte J., **Juraszek A.**, Schachner M., Kentor R., Levitt M.L. Mechanisms of squamous differentiation and apoptosis in non-small cell lung cancer. Proc Am Assoc Cancer Res 1994; 35:3508. (poster presentation)
2. **Juraszek A.L.**, Simsic, J.M., Radtke, W.A.K., Stroud M.R., Bradley S.M. Effects of prostaglandin E1 infusion and balloon atrial septostomy on the outcome of the neonatal arterial switch operation. Cardiology in the Young 2001;11(Suppl.1):333. Poster presentation at the Third World Congress of Pediatric Cardiology and Cardiac Surgery, May 31, 2001, Toronto, Canada
3. **Juraszek A.L.**, Edwards A.V., Phelps A., Burch J.B.E., Wessels A. Spatio-temporal description of the development of the mouse cardiac conduction system using a cGATA-6 gene enhancer marker. J Am Coll Cardiol 2002;39(Suppl):408A. Moderated poster presentation, ACC '02 Scientific Sessions, March 18, 2002, Atlanta, GA.
4. **Juraszek, A.L.**, Guleserian, K.J., Van Praagh, S. Ventricular septal attachments of the mitral valve: Pathological anatomy and surgical implications. Fourth World Congress of Pediatric Cardiology and Cardiac Surgery, Buenos Aires, Argentina, September 19, 2005.
5. Abbara, S., Gupta, R., Greil, G.F., Flohr, T.G., Wolf, I., **Juraszek, A.L.** A pictorial introduction to imaging features of congenital heart disease using an ultra-high resolution flat-panel CT: Radiologic-pathologic correlation. Radiological Society of North America, Chicago, IL, November 27-December 2, 2005.
6. **Juraszek, A.L.**, Calicchio, M.L., Perez-Atayde, A.R., Thaker, H.M., Smoot, L., Guleserian, K.J., Pigula, F.A., Mayer, J.E., Lock, J.E. and Collins, T. Transcriptional Profiling of the Coronary Artery Intimal Lesions in Pulmonary Atresia with Intact Ventricular Septum: Expression of Specific Collagens, Proteoglycan Core Proteins and Glycosaminoglycans. Oral presentation at the American Heart Association Scientific Sessions 2006, Chicago, IL, November 15, 2006

## Non-Print Educational Materials

2004- **The Cardiac Registry website** [www.cardiacregistry.org](http://www.cardiacregistry.org) was developed as part of the educational mission of the Cardiac Registry. The site is intended to provide medical professionals with detailed and clinically relevant information about cardiac development and the pathology of congenital heart malformations. I have been primarily responsible for content development. Technical design support has been provided by Dixon Yun at the MRRC, Children's Hospital, Boston.

2005 **Pediatric Cardiology Multimedia Library.** The multimedia library contains images of multiple diagnostic and therapeutic procedures used to treat congenital heart disease. The library is available in the Cardiovascular Program portion of the Children's Hospital website, and is accessible both within and outside the hospital. Currently there is information on 27 different conditions. For most lesions, nine categories of images have been collected including: 1. Still-frames- electrocardiograms, chest radiographs, diagrams, gross pathology; 2. Wave files- phonocardiograms; and 3. video- echocardiography, angiocardiography, magnetic resonance imaging, cardiac surgery. There are 968 files containing 757 megabytes of data. The Library will be useful for training of students, residents, and fellows, and for patient/parent understanding of diagnoses and procedures.

i. Creator and Editor: Robert Geggel, M.D.

ii. Section Contributors:

1. Gross Pathology- **Amy Juraszek, M.D.**
2. Magnetic Resonance Imaging- Andrew Powell, M.D.
3. Anatomic diagrams- Emily McIntosh
4. Ex vitro images of devices- William McIntosh
5. Echocardiography- selection of images- Robert Geggel, M.D., anonymizing images- Bruce Joziatis, B.S.
6. Cardiac Surgery- video performed by multiple surgeons; segments selected and digitized by Robert Geggel, M.D.
7. Angiography- procedures performed by multiple cardiologists; images selected by Robert Geggel, M.D.
8. Chest radiographs- Robert Geggel, M.D.
9. Phonocardiograms- Robert Geggel, M.D.
10. Electrocardiograms- Robert Geggel, M.D.
11. Website creation: Christine Carlson, Ann Gaffey, Benjamin Hartman, Marissa Lory, Peggy Recinos, Mairead Sullivan, Jeffrey Testa

2007

**Juraszek, A.L.,** Fulton, D.R. "Vascular Rings" in "**Up-To-Date**"

[http://www.utdol.com/utd/content/topic.do?topicKey=ped\\_card/11951&selectedTitle=1~15&source=search\\_result](http://www.utdol.com/utd/content/topic.do?topicKey=ped_card/11951&selectedTitle=1~15&source=search_result) Last modified April 2007