

CURRICULUM VITAE

Geoffrey L. Rosenthal, M.D., Ph.D.
Professor of Pediatrics and Epidemiology
University of Maryland School of Medicine
Chair, Division of Pediatric Cardiology
Director, Children's Heart Program
University of Maryland Children's Hospital

Date 05/11/16

Contact Information

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Native Language: English

Foreign Language: Spanish (working knowledge)

Education

1978 – 1979 No degree, Eckerd College
1980 – 1981 No degree, University of Maryland (College Park)
1982 – 1983 B.A., 1984, Boston University, College of Liberal Arts, Psychology
1984 – 1985 M.S., 1987, Georgetown University, Biostatistics & Epidemiology
Title of Thesis: *An Analysis of Vital Statistics Measures of Maternal and Infant Health in Rural Poor Counties: United States, 1980 - 1983*
Thesis directed by: Susan Ahmed, Ph.D.
1985-1987 & M.D., 1992, University of Maryland School of Medicine
1990-1992
1987 – 1992 Ph.D., 1992, University of Maryland Graduate School, Epidemiology
Title of Thesis: *Fetal Growth in Infants with Cardiovascular Malformations*
Dissertation co-directed by: Charlotte Ferencz, M.D., M.P.H. and P. David Wilson, Ph.D.

Post Graduate Education and Training

1992 – 1993 Pediatric Internship, Baylor College of Medicine/Texas Children's Hospital,
Directed by Ralph D. Feigin, M.D.
1993 – 1995 Pediatric Residency, Baylor College of Medicine/Texas Children's Hospital,
Directed by Ralph D. Feigin, M.D.
1994 – 1995 Neonatology Chief Residency, Baylor College of Medicine/Ben Taub Hospital,
Directed by Joseph A. Garcia-Prats, M.D.
1995 – 1997 Pediatric Cardiology Fellowship, The Lillie Frank Abercrombie Section of
Cardiology, Baylor College of Medicine, Directed by J. Timothy Bricker, M.D.
1997 – 1998 Perioperative Fellowship in Pediatric Cardiology, The Lillie Frank Abercrombie
Section of Cardiology, Baylor College of Medicine,
Directed by Timothy F. Feltes, M.D.
1999 – 2000 Teaching Scholars Program, Department of Medical Education, University of
Washington School of Medicine, Directed by Frederic M. Wolf, Ph.D.

Mallinckrodt Hosp. Prods. IP Ltd.
Exhibit 2002
Praxair Distrib., Inc. et al., v. Mallinckrodt Hosp. Prods. IP Ltd.
Case IPR2016-00780

2003 – 2004 Leading in Healthcare Course, Professional Staff Development, Cleveland Clinic, Directed by James K. Stoller, M.D., M.S. (ODA)

Certifications

1993 National Board of Medical Examiners
1995-present General Pediatrics, American Board of Pediatrics
1998-present Pediatric Cardiology, American Board of Pediatrics
2004 Pediatric Advanced Life Support (PALS)
2015- present Adult Congenital Heart Disease, American Board of Internal Medicine
2016 Basic Life Support (BLS), American Heart Association

Medical Licensures

1998 Pennsylvania State (Inactive)
1998 Washington State (Inactive)
1998 DEA Registration (Active)
2002 Ohio State (Inactive)
2009 Maryland State (Active)

Employment History

Academic Appointments

1997 – 1998 Clinical Instructor, Baylor College of Medicine (Pediatric Cardiology)
1998 – 1999 Acting Assistant Professor, University of Washington School of Medicine (Pediatric Cardiology)
1999 – 2002 Assistant Professor, University of Washington School of Medicine (Pediatric Cardiology)
2002 – 2006 Associate Staff, Cleveland Clinic(equivalent rank: Associate Professor) (Pediatric Cardiology)
2006 – 2009 Staff (Pediatric Cardiology), Cleveland Clinic (equivalent rank: Professor)
2007 – 2009 Joint Appointment, Lerner Research Institute, Cleveland Clinic (Department of Quantitative Health Sciences)
2009 Visiting Professor, Cleveland Clinic Lerner College of Medicine, Case Western Reserve University
2009-2014 Chair, Division of Pediatric Critical Care, University of Maryland School of Medicine
2009-present Professor, University of Maryland School of Medicine (Department of Pediatrics)
2009-present Chair, Division of Pediatric Cardiology, University of Maryland School of Medicine
2014-present Professor of Epidemiology, University of Maryland School of Medicine (secondary appointment)

Other Employment Roles

1998 – 2002 Attending Physician, Cardiac Intensive Care, Seattle Children's Hospital
2000 – 2002 Quality Assurance Officer, Seattle Children's Hospital
2000 – 2002 Director, Cardiovascular Intensive Care Service, Seattle Children's Hospital
2002 – 2009 Attending Physician, Department of Pediatric Cardiology, Cleveland Clinic
2002 – 2009 Director, Pediatric Cardiology Fellowship, Cleveland Clinic
2002 – 2009 Director, Inpatient Medicine for Pediatric Cardiovascular Services, Cleveland Clinic
2002 – 2009 Director, Pediatric Cardiovascular Research, Cleveland Clinic
2004 – 2007 Executive Director, Pediatric Subspecialty Fellowship Programs, Cleveland Clinic
2006 – 2008 Quality Review Officer, Children's Heart Center, Cleveland Clinic

- 2006 – present Expert Consultant and Special Government Employee, Pediatric Advisory Committee, Food and Drug Administration (FDA), Department of Health and Human Services
- 2009 – 2014 Executive Director, Pediatric Critical Care Services, University of Maryland Children’s Hospital
- 2009 – present Director, Children’s Heart Program, University of Maryland Children’s Hospital
- 2015- present Co-Director, University of Maryland Heart and Vascular Center, University of Maryland Medical Center

Federal Government & Public Advisory Committee Memberships

- 2006-2012 Steering Committee Member, National Pediatric Cardiology Quality Improvement Collaborative – a Joint Council on Congenital Heart Disease Initiative
- 2007-2012 Member, Pediatric Advisory Committee of the U.S. Food and Drug Administration (term 7/2007 - 6/2012)
- 2009-2012 Chair, Pediatric Advisory Committee of the U.S. Food and Drug Administration (term 12/2009 - 6/2012)
- 2009-2012 Co-Chair, Congenital Heart Public Health Consortium
- 2009-2013 Co-Chair, Quality Metrics Working Group Steering Committee – American College of Cardiology (term 2/2009 - 3/2013)
- 2011-2013 Member, National Program to Reduce Cardiovascular Risk Coordinating Committee of the National Heart, Lung, and Blood Institute, representing the American Academy of Pediatrics
- 2012-2014 Chair, Congenital Heart Public Health Consortium
- 2009- present Executive Committee Member, Congenital Heart Public Health Consortium
- 2012-present Member, Governing Council, National Pediatric Cardiology Quality Improvement Collaborative – a Joint Council on Congenital Heart Disease initiative

Professional Society Memberships

Active

- 1991–present Member, Alpha Omega Alpha Medical Honor Society
- 1995–present Member, American Heart Association
- 1995–present Member, American Heart Association, Council on Cardiovascular Disease in the Young
- 1995–2009 Member, Society of Epidemiologic Research
- 1997–present Member, American Academy of Pediatrics, Section on Cardiology and Cardiac Surgery
- 1997–present Member, American Academy of Pediatrics, Section on Epidemiology
- 2000–present Fellow, American College of Cardiology
- 2002–present Fellow, American Academy of Pediatrics
- 2007–2012 Member, Leadership Council for Adult Congenital and Pediatric Cardiology Section of the American College of Cardiology
- 2008–present Member, Executive Committee for American Academy of Pediatrics, Section on Cardiology and Cardiac Surgery Executive Committee
- 2010–2015 Member, Society of Critical Care Medicine
- 2010–present Member, MedChi, The Maryland State Medical Society

Inactive

- 1985–2006 Member, American Medical Association
- 1995–2007 Member, American Heart Association, Council on Epidemiology and Prevention
- 1997–2008 Member, Pediatric Cardiac Intensive Care Society
- 2002–2008 Member, Pediatric Cardiology Training Program Director’s Society
- 2005–2010 Treasurer, American Academy of Pediatrics, Section on Epidemiology

Honors and Awards

- 1984 Cum laude, Boston University
- 1985 Comprehensive exams passed with distinction, Georgetown University
- 1989 Graduate Research Day, 1st Place in Research Competition, University of Maryland Graduate School
- 1985 James T. Housewright Scholarship of the United Food and Commercial Workers International Union, University of Maryland School of Medicine
- 1986 Warfield Scholarship, University of Maryland School of Medicine
- 1987-1992 M.D./Ph.D. Program Tuition Award, University of Maryland School of Medicine
- 1988 State of Maryland Senatorial Scholarship, University of Maryland School of Medicine
- 1991 The National Dean's List, University of Maryland Graduate School
- 1991 Phi Kappa Phi Graduate Honor Society, University of Maryland Graduate School
- 1991 Election to Alpha Omega Alpha Medical Honor Society, University of Maryland School of Medicine
- 1991 American Federation for Clinical Research Medical Student Award, University of Maryland School of Medicine
- 1992 Dr. I. Earl Pass Award for Excellence in Internal Medicine, University of Maryland School of Medicine
- 1992 Dr. J. Edmond Bradley Award for Excellence in Pediatrics, University of Maryland School of Medicine
- 1995 Dr. Reba Michels Hill Scholarship for Resident Research, Texas Children's Hospital
- 2004 Chairman's Award for Mentorship, Children's Hospital, Cleveland Clinic
- 2006 Teacher of the Year Award, Pediatric Cardiology, Cleveland Clinic
- 2010 Baltimore's Top Doctors 2010 – Baltimore Magazine
- 2012 Commitment to Excellence Award, "The Ripple Story," University of Maryland Medical Center
- 2012 Baltimore's Top Doctors 2012 – Baltimore Magazine
- 2013 Baltimore's Top Doctors 2013 – Baltimore Magazine
- 2013 Best Doctors in America 2013 – Best Doctors Publication
- 2014 Best Doctors in America 2014 - Best Doctors Publication
- 2015 Baltimore's Top Doctors 2015- Baltimore Magazine

Clinical Activities

Expertise

Pediatric cardiac intensive care, general pediatric cardiology (inpatient and outpatient), adult congenital cardiology, evidence-based medicine, epidemiology, and biostatistics Innovation
Developed Rapid Cycle Quality Improvement processes for University of Maryland Children's Hospital, Division of Pediatric Critical Care
Developed Quality Improvement Program for University of Maryland Children's Heart Program

Clinical Program Development

Started Pediatric Cardiac Intensive Care Program, Seattle Children's Hospital
Developed Inpatient Service for Pediatric and Congenital Heart Center, Cleveland Clinic
Started Pediatric Cardiology Fellow's Clinic, Cleveland Clinic
Started Children's Heart Program, University of Maryland Children's Hospital
Facilitated development of Pediatric Critical Care Services, University of Maryland Children's Hospital

Administrative Service

Institutional Service

Texas Children's Hospital

- 1995 – 1998 Member, CPR Review Committee
- 1995 – 1998 Member, Cardiology Fellowship Research Oversight Committee

Seattle Children's Hospital & Regional Medical Center

- 1998 Co-Chair, Heart Center Therapeutics Committee
- 1998 – 1999 Member, Heart Center Management Committee
- 1998 – 1999 Member, ICU Steering Committee
- 1998 – 2002 Member, ICU Leadership Committee
- 1998 – 2002 Member, Heart Center Clinical Practice Guidelines Committee
- 1999 – 2002 Chair, Heart Center Continuous Quality Improvement Committee
- 1999 – 2002 Member, Blood Usage Committee
- 2000 – 2001 Member, Pain Management Task Force
- 2001 Member, Cardiopulmonary Rescue (ECMO) Steering Committee
- 2001 Member, Medical Records and Information Committee
- 2001 Member, Clinical Unit Leadership Group

University of Washington School of Medicine

- 2001 Member, Medical Student Research Training Program Committee

Cleveland Clinic

- 2003 – 2005 Member, Children's Hospital Medical Record Committee
- 2003 – 2006 Member, Pediatrics Research Committee
- 2003 – 2009 Member, Admissions Committee, Cleveland Clinic Lerner College of Medicine
- 2005 Member, Children's Hospital Space Committee
- 2004 – 2008 Course Director, Combined Cardiology/Cardiovascular Surgery CME Conference
- 2004 – 2008 Member (non-voting), Scholarship Oversight Committees for eleven post-graduate Fellows in Pediatric Cardiology
- 2006 Lead Reviewer, Internal Graduate Medical Education Review Committee for Pediatric Anesthesiology Fellowship
- 2006 Member, Review Committee for Pediatric Hematology/Oncology Chairman
- 2006 – 2008 Member, Pediatrics Resident Education Committee
- 2006 – 2008 Member, Children's Hospital Quality Council
- 2006 – 2008 Quality Review Officer, Center for Pediatric and Congenital Heart Disease, Cleveland Clinic
- 2007 – 2009 Member, Medical Student Promotion and Review Committee, Cleveland Clinic Lerner College of Medicine of Case Western Reserve

University of Maryland School of Medicine

- 2013 Member, Patient Safety Center for Innovative Research Executive Council Steering Committee
- 2013 Member, School of Medicine Campaign Leadership Committee

National Service

- 1995–present Ad Hoc Peer Reviewer for *Circulation*, *Pediatrics*, *American Journal of Epidemiology*, *Congenital Heart Disease*, *Pediatric Cardiology*
- 2003–2004 Program Director, 2004 Midwest Pediatric Cardiology Society Annual Scientific Meeting
- 2004 President, Midwest Pediatric Cardiology Society
- 2004–2005 Task Force Member, Development of Evaluation Templates for Pediatric Cardiology Fellows for Research and Cardiac Intensive Care Curricula

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