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David I. Crowley

Education and Training

2007 - 2010 *Cincinnati Children's Hospital Medical Center Cincinnati, OH*
Clinical Fellowship, Pediatric Cardiology

- **Research interests:** use of multimedia technology in medical education, and outcomes via data mining of existing clinical databases. See <http://www.booglemonster.com/echoviewer/test.php>.
- **involvement:** Education Committee member
- **Board Eligible:** Yes

2004 - 2007 *Maine Medical Center Portland, ME*
Residency, Pediatric and Adolescent Medicine

- **Involvement:** PICU transport team, Curriculum Committee representative, Education Committee representative, production designer for recruitment presentation, webpage designer
- **Awards:** The Barbara A. Chilmonczyk Resident Research Award
- **Certifications:** BLS, ACLS, PALS, NRP, AWLS (Advanced Wilderness Life Support)
- **Board Eligible:** Yes

2000 - 2004 *University of Utah School of Medicine Salt Lake City, UT*
Doctor of Medicine (M.D.), with Honors in Pediatrics

- **Research and Grants:** National Library of Medicine fellow in biomedical informatics; University of Utah grant for project in anatomical sciences; Recurrence of Acute Rheumatic Fever in Salt Lake County
- **Extracurricular involvement:** President of Medical Student Informatics Group; Curriculum Committee member; Educational Computing Committee member

1994 - 1999 *Harvard University Cambridge, MA*
Bachelor of Arts with Honors (A.B. Cum Laude), Biochemical Sciences

- **Honors and Grants:** Harvard Scholarship; Carl and Lily Pforzheimer Public Service Award
- **Extracurricular involvement:** Harvard University Choir; Harvard University Morning Choir; Program Director, Project HEALTH; President of the Greater Boston LDS Student Association

Research

1993 *University of Utah Salt Lake City, UT*
Laboratory Assistant

Identified a gene coding for a receptor tyrosine kinase (*trk*) in *Schistocerca americana* (American Grasshopper)

- **Research grant:** Howard Hughes Medical Institute
 - **Presentations of research:**
 - Poster, International Science and Engineering Fair, Birmingham, AL 1994
 - Poster, National Institute of Health, Washington, D.C. 1994
 - Poster, Westinghouse National Science Talent Search Contest, Washington, D.C. 1994
 - Poster, National Youth Science Camp, Charleston, WV 1994
 - Oral Presentation, Intermountain Junior Science and Humanities Symposium, Salt Lake City, UT 1994
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Research Publications	<ul style="list-style-type: none"> • Crowley DI, Moran AR. Left aortic arch with right descending aorta and right arterial ligament. <i>Cardiol Young</i>. 2008 Feb; 18(1):112-113. Epub 2008 Jan 8. • Crowley DI, Donnelly JP. Use of Amplatzer Occlusion Devices to Occlude Fontan Baffle Leaks Found During Fenestration Closure Procedures. <i>Catheter Cardiovasc Interv</i>. 2008 Feb; 71(2):244–9. • Moran AM, Crowley DI, Pinette MG, Wax JR. Reversible right ventricular dysfunction and functional pulmonary atresia in the human fetus. <i>J Ultrasound Med</i>. 2008 Mar; 27(3):487-91
Website portfolio	<ul style="list-style-type: none"> • http://www.resiroom.com, website for residents and medical students at the Barbara Bush Children's Hospital Medical Center; webmaster, graphic designer, database administrator, programmer • http://umed.med.utah.edu, University of Utah School of Medicine student website; webmaster, graphic designer, database administrator, programmer • http://www.projecthealth.org, Project HEALTH national website; webmaster, graphic designer, database administrator, programmer • http://www.booglemonster.com and http://www.girglemonster.com, Personally created PHP and MySQL programs; webmaster, graphic designer, database administrator, programmer <p>No longer publicly viewable:</p> <ul style="list-style-type: none"> • http://medstat.med.utah.edu/diganat, companion website to printed publication <i>Dissection Guide for Human Anatomy</i> by David A. Morton, Ph.D., Kerry D. Peterson, Kurt H. Albertine, Ph.D. Churchill Livingstone; Spiral edition (February, 2004); layout and programmer • http://uuhsc.utah.edu/som, University of Utah School of Medicine department website; layout and programmer • http://umed.med.utah.edu/testfiles, National Library of Medicine project; webmaster, graphic designer, database administrator, programmer • http://www.projecthealth.org, Project HEALTH national website; webmaster, graphic designer, database administrator, programmer
Professional associations	<ul style="list-style-type: none"> ▪ American Heart Association, National and Ohio chapters ▪ American College of Cardiology, National and Ohio chapters ▪ American Academy of Pediatrics, National and Ohio chapters ▪ American Medical Association, National and Ohio chapters
Other professional experience	<p>1999 - 2000 <i>Project HEALTH</i> <i>Boston, MA</i></p> <p>National Director of Communications and Evaluations</p> <ul style="list-style-type: none"> ▪ Full-time director for national non-profit service organization based at the Boston Medical Center, under the direction of Barry Zuckerman, M.D. ▪ Website designer, programmer and database administrator <p>1994-95, 1997-99 <i>Harvard University Choir and Harvard University Morning Choir</i> <i>Cambridge, MA</i></p> <p>Professional singer, Tenor</p> <ul style="list-style-type: none"> ▪ Weekly Sunday worship services with the 50-member Harvard University Choir ▪ Daily broadcast performances with the 18-member Harvard University Morning Choir in Morning Prayers ▪ Performances with the Boston Camarata, Dave Brubeck, and Jessye Norman, and for Nelson Mandela

Volunteer experience

- Medical staff, photographer, and audiovisual specialist at summer camp for children with congenital heart disease, *Camp Meridian*, Newington, NH; under the direction of Naomi Gauthier, M.D. and Michael Epstein, M.D. 2005, 2006
- Assistant Scoutmaster, *Troop 29*, Pine Tree Council, Cape Elizabeth, ME 2004-2005
- Grief counselor, *The Sharing Place*, Salt Lake City, UT 2003-2004
- Program director, *Project HEALTH Asthma Swimming Program*, Boston, MA 1997-1999; under the direction of Suzanne Steinbach, MD
- Rink Manager, *An Evening With Champions*, Cambridge, MA 1997-1999
- Missionary, *The Church of Jesus Christ of Latter-day Saints, Dominican Republic Santiago Mission*, Dominican Republic 1995-1997
- President, Latter-day Saint Student Association, greater Boston chapter, 1994-1995

Languages

Fluent in Spanish
