DANIEL J. DESALVO, M.D.

Pediatric Endocrinology and Diabetes
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BOARD CERTIFICATION

The American Board of Pediatrics (ABP)
General Pediatrics Certifying Exam passed in 2011, ABP ID#: 683397

TRAINING

Stanford University, Stanford, CA
Postdoctoral Fellow in Pediatric Endocrinology and Diabetes, July 2012-present
Expected completion: June 30, 2015

Children's National Medical Center, Washington, D.C.
Chief Resident, July 2011-June 2012
Pediatric Resident, July 2008-June 2011
Graduate of Community Health Track: integrate public health concepts into the routine practice of medicine with ultimate goal of improving the health of underserved communities

EDUCATION

Texas A&M University Health Science Center College of Medicine, College Station/Temple, Texas
Doctor of Medicine, May 2008

Baylor University, Waco, Texas
Bachelor of Arts in Political Science
Magna Cum Laude Graduate: December 2003

PROFESSIONAL MEMBERSHIPS

2013: Associate Member, The Endocrine Society
2012: Member, American Diabetes Association
2012: Member, Pediatric Endocrine Society
2011: Diplomate, American Board of Pediatrics
2008: Member, American Academy of Pediatrics

HONORS AND AWARDS

2014-15 **JDRF International Postdoctoral Fellowship Grant**
$112,466 award designed to attract promising scientists entering their professional career in the type 1 diabetes research field

2014-15 **Elected to Bass Society of Pediatric Scholars**
Forum for a community of Stanford scholars to share knowledge and discoveries across different areas of expertise

2014 **Pediatric Endocrine Society Travel Grant**
Awarded $800 travel grant supported by Eli Lilly and Co. to attend 2014 PES Annual Meeting

2014 **American Diabetes Association Focus on the Fellows Travel Grant**
Awarded $1250 travel grant supported by Helmsley Charitable Trust to attend the ADA's 74th Scientific Sessions

2013-14 **NIH Loan Repayment Program Award**
Awarded $35,000 in loan repayment by the NIH for recognition of being a promising clinical researcher as a fellow

2013-15 **Stephen Bechtel Endowed Postdoctoral Fellow**
Awarded $92,000 annual stipend by the Stanford Child Health Research Institute for outstanding fellow research proposals (PTA: 1163324-100-JCHAB, Stanford CTSA: UL1 TR000093)

2013 **Stanford Pediatric Fellow of the Year Nominee**
Nominated for Pediatric Fellow of the Year Award by Stanford University Pediatric Housestaff

2012 **ACGME David C. Leach Award**
The only resident selected in the entire country from all ACGME accredited programs across all specialties for fostering innovation and improvement in the learning environment, increasing the program's emphasis on educational outcomes and improving communication and collaboration in education and patient care. Presented at the 2012 ACGME Annual Educational Conference. Orlando, FL. March 2012.

2012 **Alpha Omega Alpha Honor Medical Society**
Elected as Housestaff Inductee to The George Washington University School of Medicine's Alpha Omega Alpha Honor Medical Society (Chapter-067, Member Number-0171059)

2011 **Association of American Medical Colleges (AAMC) Resident Physician Community Service Award**
Certificate of Commendation awarded by the AAMC Organization of Resident Representatives for making contributions to improve the local community surrounding the training institution

2011 **Christmas in Washington with President Obama**
Selected to represent the CNMC Department of Medical Education to meet with President Barack Obama at the 30th annual Christmas in Washington event to benefit Children's National Medical Center

2011 **First Place for Poster Presentation at CNMC Research Week**
Awarded first place in the category of "Education, Training, and Development" for poster presentation on "A Learner-Centered Diabetes Management Curriculum"

2011 **The George Washington University School of Medicine Medical Student Teaching Award**
Recognized for excellence in mentoring and teaching medical students during their pediatric clerkship

2008 **James A. Knight Award for Excellence in Humanities in Medicine**
Annual Award from the Medical Humanities Department at Texas A&M College of Medicine to one graduating student

2008 **The Children's Hospital at Scott & White Resident Research Day**
Recipient of the Judge's Award given for the most outstanding presentation

2007 **Gold Humanism Honor Society,** Texas A&M Health Science Center College of Medicine
Elected by faculty and peers for "demonstrating excellence in clinical care, leadership, compassion, and dedication to service"

2006 **AAMC Medicine in the Community Grant Recipient,** Sponsored by Pfizer, Inc.
One of only eight proposals nationwide to be selected for Project SEED (Screening, Education and Empowerment for Diabetes): a diabetes screening, education, and monitoring program within an existing medical student-run health clinic serving uninsured residents

2003 **Phi Beta Kappa,** Baylor University

2003 **Most Outstanding Student in Political Science**, Baylor University

1999-2003 **Presidential Scholar,** Baylor University

SCHOLARLY PUBLICATIONS

DeSalvo DJ, Shanmugham S, Ly T, Wilson DM, Buckingham B. Accuracy evaluation of blood glucose monitoring systems in children on overnight closed-loop control.. *J Diabetes Sci Technol.* 2014 Sep; 8(5):969-73. PMID: 24876427

Ly TT, Breton MD, Keith-Hynes P, **DeSalvo D**, Clinton P, Benassi K, Mize B, Chernavvsky D, Place J, Wilson DM, Kovatchev BP, Buckingham BA. Overnight glucose control with an automated, unified safety system in children and adolescents with type 1 diabetes at diabetes camp. *Diabetes Care.* 2014 Aug; 37(8):2310-6. PMID: 24879841

DeSalvo DJ, Keith-Hynes P, Peyser T, Place J, Caswell K, Wilson DM, Harris B, Clinton P, Kovatchev B, Buckingham B. Remote Glucose Monitoring in Camp Setting Reduces the Risk of Prolonged Nocturnal Hypoglycemia. *Diabetes Technol Ther.* 2014 Jan; 16(1):1-7 PMID: 24168317

DeSalvo DJ, Buckingham BA. Continuous Glucose Monitoring: Current Use and Future Directions. *Curr Diab Rep*. 2013 Oct;13(5):657-62. PMID: 23943230

DeSalvo DJ, Vaidyanathan P, Mehra R, Kaplowitz P. "In Children with Premature Adrenarche, Bone Age Advancement by 2 or More Years is Common and Generally Benign" *J Pediatr Endocrinol Metab*. 2013;26(3-4):215-21. PMID: 23744298

DeSalvo DJ, Greenberg LW, Henderson CL, Cogen FR. A Learner-Centered Diabetes Management Curriculum: Reducing resident errors on an inpatient pathway. *Diabetes Care.* 2012 Nov;35(11):2188-93. PMID: 22875227

Weber RA, **DeSalvo DJ**, Rude MJ. A Five Year Follow-up of Carpal Tunnel Release in Patients over Age 65. *The J Hand Surg Am.* 2010;35(2):207-211. PMID: 20060236

DeSalvo D, Pohl JF, Wilson DP, Bryant W, Easley D, Greene J, Santiago J. Cholestasis Secondary to Panhypopituitarism in an Infant. *J Natl Med Assoc.* 2008;100(3):342-344. PMID: 18390029

POSTERS & PRESENTATIONS

2015 **Duration of infusion set survival in lipohypertrophy versus nonlipohypertrophied tissue in patients with type 1 diabetes**
Trang T. Ly, David Maahs, Laurel Messer, R. Paul Wadwa, **Daniel J. DeSalvo**, Sydney L. Payne, Sarah Hanes, Paula Clinton, Jen Block, Bruce Buckingham
Presented: 2015 Advanced Technologies & Treatments for Diabetes Meeting in Paris, France

2015 **Effect of Acetaminophen on CGM Glucose in an Outpatient Setting**
David Maahs, Laurel Messer, Laura Pyle, Paul Wadwa, Emily Westfall, **Daniel DeSalvo**, Paula Clinton, Jen Block, Trang Ly, Bruce Buckingham
Presented: 2015 Advanced Technologies & Treatments for Diabetes Meeting in Paris, France

2015 **Day and night closed-loop control with DIAS in adolescents and young adults with type 1 diabetes at camp**
Trang T. Ly, Daniel Cherñavvsky, Marta Satin-Smith, **Daniel DeSalvo**, Satya Shanmugham, Patrick Keith-Hynes, Marc Breton, Bruce A. Buckingham
Presented: 2015 Advanced Technologies & Treatments for Diabetes Meeting in Paris, France

2015 **Hyaluronidase Use with Insulin Pumps Does Not Change Insulin Use or Glucose Control in Type 1 Diabetes**
R. Paul Wadwa, **Daniel DeSalvo,** Emily Westfall, Laura Pyle, Laurel Messer, Trang Ly, David Maahs, Bruce Buckingham
Accepted: 2015 American Diabetes Association, 75th Scientific Sessions in Boston, MA

2015 **Duration of infusion set survival with hyaluronidase injected at insulin pump infusion site**
Daniel DeSalvo, Trang Ly, David Maahs, Laurel Messer, Laura Pyle, R. Paul Wadwa, Emily Westfall, Sara Hanes, Bruce Buckingham
Accepted: 2015 American Diabetes Association, 75th Scientific Sessions in Boston, MA

2014-15 **Effect of Lipohypertrophy on Dexcom G4P Continuous Glucose Sensor**
Daniel DeSalvo, Trang Ly, Paula Clinton, Satya Shanmugham, Bruce Buckingham
Presented: American Diabetes Association's 74th Scientific Sessions, June 2014 in San Francisco, CA; 2015 Advanced Technologies & Treatments for Diabetes Meeting in Paris, France

2014 **IV Pamidronate for Vitamin D Intoxication in a 2 Month Old**
Daniel DeSalvo, Sejal Shah, Bruce Buckingham
Presented: 2014 Pediatric Academic Society Meeting in Vancouver, Canada

2014 **Overnight glucose control with a modular control to range algorithm in children and adolescents with type 1 diabetes at diabetes camp.**
Trang T. Ly, **Daniel DeSalvo**, Paula Clinton, Marc Breton, Patrick Keith-Hynes, Boris Kovatchev, Darrell Wilson, Bruce A. Buckingham
Presented: 2014 Advanced Technologies & Treatments for Diabetes Meeting in Vienna, Austria

2012-13 **Remote glucose monitoring in camp setting decreases incidence and duration of severe hypoglycemia**
DeSalvo DJ, Keith-Hynes P, Peyser T, Place J, Caswell K, Wilson DM, Harris B, Clinton P, Kovatchev B, Buckingham B.
Presented: 2013 Advanced Technologies & Treatments for Diabetes Meeting in Paris, France; 2013 Stanford University Endocrine Grand Rounds; 2012 Dexcom Lecture Series, San Diego, CA

2011-12 **A Learner-Centered Diabetes Management Curriculum: Reducing Resident Errors on an Inpatient Diabetes Pathway**
DeSalvo DJ, Greenberg LW, Henderson CL, Cogen FR
Presented: 2011 AAMC Research in Medical Education in Denver, CO, 2011 Pediatric Educational Excellence across the Continuum (PEEAC) Conference in Arlington, VA and 2012 Pediatric Academic Society Conference in Boston, MA

2011 **In Patients with Premature Adrenarche, Bone Age Advancement by 2 or More Years is Relatively Common and Generally Benign**
Daniel DeSalvo, M.D., Priya Vaidyanathan, M.D., Rinku Mehra, M.D., Paul Kaplowitz, M.D., PhD
Presented: 2011 Pediatric Academic Society Meeting in Denver, CO

2011 **Children's National Medical Center Pediatric Grand Rounds:** *Diagnostic Dilemma Grand Rounds: Signs and Symptoms of an International Patient with a very Intriguing, Unknown Diagnosis*
Daniel DeSalvo, M.D.
Presented: CNMC hospital-wide Pediatric Grand Rounds on December 8, 2011

2010-11 **Resident Education in Early Head Start Programs—A New Model to Enhance Medical Education and Community Involvement**
Daniel DeSalvo M.D., Victoria Chen M.D., Hari Tunuglunta M.D., MPH, Cara Lichtenstein M.D., MPH
Presented: 2011 Pediatric Academic Society Annual Conference in Denver, CO, 2011 American Federation For Medical Research Eastern Regional Meeting, 2011 CNMC Research Week, and 2010 Region IV Academic Pediatric Association Conference in Charlottesville, VA

2010 **School-Based Comprehensive Sex Education in the Adolescent Population—A Program to Benefit Both Participants and Pediatric Residents**
Daniel DeSalvo, M.D., Hari Tunuglunta M.D., MPH, Cara Lichtenstein M.D., MPH
Presented: American Academy of Pediatrics National Conference and Exhibition in the Council on School Health Scientific Abstract Session in San Francisco, CA

2008 **Cholestasis Secondary to Panhypopituitarism in an Infant**
Daniel DeSalvo, MS-IV, John Pohl, M.D., Don Wilson, M.D.
Presented: The Children's Hospital at Scott & White Children's Research Day, Texas A&M University Health Science Center College of Medicine

2007 **Congenital Hypothyroidism: Does Compliance with Follow-up Make a Difference?**
Daniel DeSalvo, MS-III, Kamran Hamid, M.D. Don P. Wilson, M.D., William Bryant, M.D.
Presented: The Children's Hospital at Scott & White Children's Research Day, Texas A&M University Health Science Center College of Medicine

2006 **Determining the Accuracy of Children with Diabetes Mellitus to Determine Glycohemoglobin Concentrations and Understand its Relevance**
Matt Stephen, M.D., **Daniel DeSalvo, MS-II**, William Bryant, M.D., Don P. Wilson, M.D., James Varni, PhD
Presented: The Children's Hospital at Scott & White Children's Research Day, Texas A&M University Health Science Center College of Medicine

ACTIVITIES

2015 **Bay Area Diabetes Summit,** Palo Alto, CA
Invited speaker on topic of *Sick Day Management & Understanding Ketones*

2015 **Taking Control of Your Diabetes (TCOYD) Conference,** Santa Clara, CA
Speaker and expert panelist on the topic of IN THE ZONE: CGM and Other Techniques for Keeping Your Glucose Levels in Check

2014-15 **American Diabetes Association - National Youth Strategies Committee,** Washington, DC.
Selected to national committee to provide expert guidance to enhance the ADA's resources and programs targeting youth with diabetes

2014 **Diabetes Mine Innovation Summit,** Palo Alto, CA
Invited to join a select group of key opinion leaders including clinicians, patient advocates, device designers, health tech visionaries and regulatory experts

2014 **Carb DM – Type 1 Topics,** Palo Alto, CA
Guest speaker for multiple events including transition to college and diabetes and exercise

2014 **Course Instructor for PEDS 230,** Stanford University School of Medicine
Lectured on pediatric endocrinology topics and led journal club for Stanford medical students

2014-15 **Appointee to Fellowship Program Evaluation Committee,** Stanford University School of Medicine
Responsible for systematic evaluation of the curriculum and rendering a written Annual Program Evaluation

2014 **ADA Focus on the Fellows Conference at 74th Scientific Sessions,** San Francisco, CA
Educational and networking event fostering relationships between fellows with senior scientist/clinicians

2014 **Pediatric Endocrine Society Annual Fellows Retreat,** Vancouver, BC
One of twenty fellows nationwide selected to attend the annual educational retreat for pediatric endocrinology fellows, covered by an unrestricted educational grant to PES

2013-14 **Reviewer for *Diabetes Technology and Therapeutics*,** Editor-in-Chief: Satish K. Garg, M.D.
Invited as expert reviewer for manuscripts submitted for publication in *Diabetes Technology and Therapeutics*

2013 **Taking Control of Your Diabetes (TCOYD) Conference,** Santa Clara, CA
Speaker and expert panelist for "type 1 track"

2013 **Stanford Society of Physician Scholars,** Stanford University
Professional development society for physician scholars across all clinical departments

2013 **Stanford Faculty Development Center for Medical Teachers,** Stanford University
Completed a workshop designed to enhance clinical teaching using an educational framework

2012 **Intensive Course in Clinical Research (ICCR): Study Design and Performance,** Stanford University
Completed week long course on research design, methodology and biostatistics at Stanford School of Medicine

2012-14 **Stanford SPECTRUM: Good Clinical Practices Brownbag Sessions,** Stanford University

Participate in monthly multidisciplinary sessions on ethical and scientific quality standards for clinical trials

2012-14 **Diabetes and Sports Health (DASH) Camp,** Menlo Park, CA
Facilitate a workshop for parents and children regarding diabetes management during competitive sports

2012 **Stanford Primary Care Associate Program Lecture Series,** Stanford University
Lectured on type 1 diabetes for Stanford University School of Medicine Physician Assistant curriculum

2012-14 **Stanford Global Health Interest Group,** Stanford CA
Dedicated to understanding and reducing worldwide health disparities

2012-2014 **Camp De Los Ninos,** Diabetes Youth Foundation
Volunteered as Camp Physician at diabetes summer camp in the Santa Cruz, CA mountains

2012 **Coleman Fund International Travel Grant Committee,** CNMC
Served on committee that selects resident recipients of $1,000 international travel grants

2011-12 **Doctor-Patient Society Course,** The George Washington University School of Medicine
Co-directed course on medical interviewing and physical diagnosis for second year medical students

2011-12 **Committee on the Learning Environment,** The George Washington University School of Medicine
Represented pediatrics on committee exploring treatment of medical students on clinical rotations

2011-12 **Children's National Pediatric Board Review,** The George Washington University School of Medicine
As Chief Resident at CNMC served as associate editor for multiple chapters including Endocrinology and others

2011-12 **Learning to Connect,** The George Washington University School of Medicine
Co-directed workshop for third year medical students on the topic of connecting with patients and families

2011-12 **Pediatric Grand Rounds Committee,** The George Washington University School of Medicine
Served on committee to improve educational quality of hospital-wide Pediatric Grand Rounds

2011 **Camp Take Charge,** Brainy Camps Association
Served as a camp physician at summer camp for children with type 1 diabetes

2011 ***Children's National Medical Center Residency Guidebook*,** CNMC
Authored the section on pediatric endocrinology and diabetes for the first edition of this manuscript.

2010 **Haiti Earthquake Relief Work with University of Miami Project Medishare,** Port-au-Prince, Haiti
Worked at a field hospital caring for children injured in the earthquake

2010 **Graduation with Distinction from GWU's Residency Fellowship in Health Policy,** Washington, D.C.
Course included didactics from faculty at GWU's Milken Institute School of Public Health and visits to the White House, U.S. Capitol and Office of Surgeon General (Vice Admiral Regina M. Benjamin, MD, MBA)

2010 **CNMC Community Health Symposium,** Washington, D.C.
Workshop facilitator on RAND Health's Report: "Health and Health Care Among District of Columbia Youth"

2010 **Internship with JDRF's Government Affairs Office,** Washington, D.C.
Created a database of information on the Artificial Pancreas Project from industry, researchers and the FDA

2010 **Global Child Health Elective,** The George Washington University School of Medicine
Received a certificate for global health after completing course on global child health

2010 **Practice of Medicine Course,** The George Washington University School of Medicine
Workshop facilitator for 8 first year medical students discussing issues in medical professionalism

2010 **Citywide Pediatric Health Forum,** Washington, DC
Meeting of city leaders to develop a collaborative response to RAND Health's Report:"Health and Health Care Among District of Columbia Youth"

2009 **Patient Care Trust Fund,** CNMC
Organized the purchase of a resident gift valued at $6,000 for CNMC patients

2009-2012 **Resident Applicant Committee,** CNMC
Interviewed candidates for residency and participated in the selection process

2008 **Surgeon General's Roundtable Discussion on Childhood Obesity,** Washington, D.C.
Participated in discussion on obesity with Rear Admiral Steven K. Galson, MD, MPH

2008 **Sex Education at Cesar Chavez Public Charter School,** Washington, D.C.
Provided comprehensive sex education to students identified as displaying risky sexual behavior

2008-2012 **Medical Student Education Committee,** The George Washington University School of Medicine
Served as the resident representative on the committee for pediatric education for medical students

2007 **Texas Lions Camp for Children with Diabetes,** Kerrville, Texas
Provided medical care and education to campers with type 1 diabetes under the supervision of Dr. Stephen

2007-2008 **Project SEED at Martha's Clinic,** Temple, Texas
Served as project coordinator for a diabetes education program for indigent patients at Martha's Clinic-- a student-run free health clinic

2007-2008 **Gold Humanism Honor Society's Physician Heal Thyself Project,** Texas A&M College of Medicine
Facilitated a workshop for medical students with the goal of improving student morale and coping skills

2007 **Bell County, Texas Health and Wellness Coalition Storyboard Program,** Temple, Texas
Created an informative poster on diabetes which was displayed for the public

2006-2008 **Martha's Clinic Board of Directors,** Temple, Texas
Student-run health clinic serving homeless, undocumented and uninsured residents of central Texas

CMDA Spring Break Medical Mission Trip
As CMDA president, delegated leadership positions and helped raise over $10,000
2005 Nuevo Laredo, Mexico
2006 Allende, Mexico

2005 **Hurricane Rita Relief Work,** College Station, Texas
Volunteered at a 400-bed field hospital at Texas A&M University for displaced patients from the Gulf Coast

2005 **Medical Mission Trip to Thailand**, Phayao, Thailand
Worked with Thai physicians and volunteered with non-profit organization caring for "street children"

2004-2006 **Texas Medical Association**, Austin, Texas
Student delegate representing Texas A&M Health Science Center College of Medicine

2004 **Legislative Aide for Texas State Representative Dianne White Delisi,** Austin, Texas
Employed as a Legislative Aide and Committee Researcher: drafted, researched, and tracked legislation, assisted in writing the committee report for the Select Committee on State Health Care Expenditures, and conducted constituent casework in the areas of housing, education, and healthcare

2003 **Medical Mission Trip to Rwanda,** Kigali, Rwanda
Volunteered with U.S. physicians training doctors at Kigali Hospital, provided humanitarian aid to urban poor

LANGUAGE FLUENCY
-Intermediate Spanish

HOBBIES/INTERESTS
-Running, cycling, hiking, international travel, independent music and film