

Curriculum Vitae

PERSONAL STATEMENT

I started the Texas Children's Hospital Food Allergy Program (TCH FAP) to increase food allergy awareness and safety and quality of life for children in the Greater Houston area and beyond. The program has grown to include over 20 health professionals with over 2 million dollars in grant and philanthropic funding. It is currently an internationally recognized center with collaborative research projects. The TCH FAP focuses on the development of diagnostic and therapeutic advances for food allergy related diseases, including peanut, milk, tree nut and shrimp allergy, eosinophilic gastrointestinal diseases (EGIDs), anaphylaxis and food protein enterocolitis syndrome. I have been invested in this work for the past 14 years, started an FDA approved food manufacturing facility for peanut and shrimp allergy treatment trials and have led epidemiologic studies to describe the characteristics of food allergic disease at Texas Children's Hospital, in the Texas Medical Center, nationally and internationally.

As TCH FAP Director, I have led the program to become recognized as a Food Allergy Clinical Center of Excellence, a member of the NIH funded Consortium of Eosinophilic Gastrointestinal Diseases and a leader in local and national community educational efforts through collaborative relationships with the Houston Independent School District, the Texas Department of State Health Services and the American Academy of Allergy, Asthma and Immunology. I teach extensively across the nation and have trained over 34 physicians who are treating patients with food allergic disease, 16 of whom are in academic medicine. I have served on NIH special review panels for food allergic NIH proposals and the FDA Allergenics Advisory Committee and contributed to Guidelines for management of eosinophilic esophagitis and food protein enterocolitis syndrome. I currently serve on the Section of Allergy and Immunology of the American Academy of Pediatrics. My future work focuses on expansion of current treatment of food allergy through translational clinical trials with continued emphasis on the management and education of food allergic patients in schools and the community.

I. GENERAL BIOGRAPHICAL INFORMATION

A. Personal:

1. Carla M. Davis, M.D.
2. United States

B. Education:

1. Undergraduate Education: Howard University, Washington, D.C., B.Ch.E., Chemical Engineering, 1988-1992
2. Medical Education or Graduate Education: Duke University Medical School, Durham, NC, M.D., 1992-1997
3. Postgraduate Training: residency, fellowship with source of support and advisor, if relevant.
 - a. Pediatric Residency, Department of Pediatrics, Baylor College of Medicine, Houston, TX, 1997-2000
 - b. Training Program for Clinical Research on AIDS, Mentor: Dr. Si Yi Chen, Center for Cell and Gene Therapy, Baylor College of Medicine, Houston, TX, 2000-2001

- c. Allergy and Immunology Fellowship, Department of Pediatrics, Baylor College of Medicine, Houston, TX, 2001-2003
 - d. Training Program for Clinical Research on AIDS, Mentor: Dr. Howard Rosenblatt, 2003-2004
 - e. Master Teacher, Graduate, Educational Scholars Fellowship Program, Baylor College of Medicine, 2011
- C. Academic Appointments: title and dates of appointment:
- 1. Faculty position(s) at BCM:
 - a. Assistant Professor of Pediatrics, February 1, 2005 – May 30, 2015
 - b. Associate Professor of Pediatrics, June 1, 2015 – June 30, 2020
 - c. Professor of Pediatrics, August 1, 2020 - present
 - d. Section Head, Section of Immunology, Allergy and Retrovirology, Department of Pediatrics, Baylor College of Medicine, May 1, 2018 - present
 - 2. Previous faculty position(s) at other institutions: Volunteer Faculty at University of Texas Houston Medical School, 2003-2005
 - 3. Faculty appointment(s) at other institutions while at BCM: None
- D. Other advanced training/experience:
- 1. Formal Sabbatical leave: None
 - 2. Other specialized training following academic appointment:
 - a. Educational Scholars Fellowship Program, Baylor College of Medicine, 2009-2011
 - b. Texas Medical Association Leadership College Scholar, 2010-2011
 - c. Academic Medical Director Leadership Course, University of Texas Health Science Center at Houston School of Public Health, 2017-2018
- E. Other information:
- 1. Honors or Awards:
 - a. Recipient, Janie and Sandra Queen Endowed Chair in Immunology and HIV/AIDS, 2019
 - b. Recipient, Honorary AAAAI William T. Shearer and Lynn Des Prez Lectureship, 2019
 - c. Elected to membership in the American Pediatric Society, 2019
 - d. Norton Rose Fulbright L. L. P. Faculty Excellence Award for Educational Research, Baylor College of Medicine, 2019

- e. Carl Storm Underrepresented Minority (CSURM) Fellowship Award, 2017
- f. Research Mentorship Award - Associate Professor Level, Baylor College of Medicine, Department of Pediatrics, 2016
- g. Texas Medical Association Academic Excellence Gold Award, 2016
- h. Nominated to 2016 "America's Best Physicians" by the National Consumer Advisory Board
- i. Baylor College of Medicine Rising Star Clinician Award, 2015
- j. American Medical Association Physician Recognition Award Category 1 certificate, 2014
- k. Top Doctor, Texas Monthly Magazine, 2014-present
- l. Winner of the 4th Quarter Clinical Research Award, Texas Children's Hospital Research Resources Office, 2014
- m. Elected to membership in the Society of Pediatric Research, 2014
- n. Doctor of Excellence, Board of Leaders of Healthcare Providers of Excellence, 2014
- o. Member, International Biographical Centre Leading Health Professionals of the World, 2014
- p. AAAAI Nominee to the American Board of Allergy & Immunology (ABAI) Board of Directors, 2014
- q. Fellow, American Academy of Allergy, Asthma and Immunology, 2013
- r. Fellow, American College of Allergy, Asthma and Immunology, 2013
- s. Fulbright & Jaworski L. L. P. Faculty Excellence Award for the Development of Enduring Materials, Baylor College of Medicine, 2013
- t. Top Pediatrician, International Association of Pediatricians, 2012
- u. Fulbright & Jaworski L. L. P. Faculty Excellence Award for Teaching and Evaluation, Baylor College of Medicine, 2012
- v. Selected to the top 5% of Texas doctors as a *Texas Super Doctor*, 2011- present
- w. Selected to the 2010 Edition Who's Who Among Executives and Professionals, 2010
- x. Selected as one of "America's Top Physicians" by the Consumer's Research Council of America, 2009
- y. Texas Federation of Business and Professional Women's Clubs, Inc. Minnie L. Maffett Fellowship Award, 2003
- z. Texas Allergy, Asthma and Immunology Society Memorial Foundation Award, 2003
- aa. Fellow-in-Training Representative to the Accreditation Council Allergy and Immunology Residency Review Committee, 2001-2003

- bb. Outstanding Poster Presentation, Fellows' Day, Baylor College of Medicine, 2002
 - cc. Texas Children's Hospital Superstar Award, 1999
 - dd. Dean's Tuition Scholarship, Duke University Medical Center, 1992-1997
 - ee. Howard Hughes Medical Institute Research Training Fellowship for Medical Students, 1994-1995
 - ff. Outstanding Poster Presentation, 26th Annual Alpha Omega Alpha Original Studies Symposium, Duke University Medical Center, 1995
 - gg. Second Place in the Clinical Sciences Division, Student National Medical Association Eleventh Annual Research Forum, 1995
 - hh. Howard University Chemical Engineering Award of Excellence, 1991-1992
 - ii. Valedictorian, Howard University School of Engineering, 1992
 - jj. Dean's List, Howard University School of Engineering, 1992
 - kk. Member of Golden Key National Honor Society, 1992
 - ll. Member of Tau Beta Pi Engineering Honor Society, 1992
2. Board Eligibility/Certification:
- a. American Board of Pediatrics (State License: L1306), 2001, Re-certified, 2014
 - b. American Board of Allergy and Immunology, 2003, 2013
3. Other non-academic positions:
- a. Associate Physician, Allergy and Asthma Associates, Houston, TX, 2003-2005
 - b. Board of Director, Texas Allergy, Asthma and Immunology Society, 2009-present
 - c. Member, Medical Advisory Board, Food Allergy Research and Education, 2013-2016
 - d. Board of Director, American Academy of Allergy, Asthma and Immunology, 2019- 2023

II. RESEARCH INFORMATION

A. Research Support:

1. **Technical title of project:** Identification of molecular defects in Primary Immunodeficiency, Lymphocyte Functional Evaluation in Partial DiGeorge Syndrome
2. Name of funding agency: American Academy of Allergy, Asthma and Immunology Interest Section and Texas Allergy, Asthma and Immunology Society

3. Investigator relationship: PI
4. Dates of funding: 2003-2004

1. **Technical title of project:** Prevention of Anaphylaxis in Houston School Children
2. Name of funding agency: Food Allergy and Anaphylaxis Network
3. Investigator relationship: PI
4. Dates of funding: January 2009-January 2010

1. **Technical title of project:** Eosinophilic Proteome Analysis in Eosinophilic Esophagitis
2. Name of funding agency: Texas Children's Hospital
3. Investigator relationship: PI
4. Dates of funding: 2010 - 2011

1. **Technical title of project:** Educational Intervention for Underserved Children with Food Allergies in an Urban, Culturally Diverse U.S. School System, Houston Independent School District (HISD)
2. Name of funding agency: Penland Foundation
3. Foundation Investigator relationship: PI
4. Dates of funding: 2011 - 2019

1. **Technical title of project:** Randomized Comparison Trial of Topical Fluticasone and Dietary Elimination in Eosinophilic Esophagitis
2. Name of funding agency: American Academy of Allergy, Asthma and Immunology
3. Foundation Investigator relationship: PI
4. Dates of funding: 2012 - 2013

1. **Technical title of project:** A prospective, double blind randomized controlled trial to evaluate the immunological benefits and clinical effects of an elimination diet using an amino acid based formula (AAF) with an added pre-probiotic blend in infants with Cow's milk Allergy (CMA)

2. Name of funding agency: Nutricia North America
3. Foundation Investigator relationship: Site PI, Study Co-Investigator
4. Dates of funding: 2012-2018

1. **Technical title of project:** Immune Cell Responses in Peanut Allergic Subjects Undergoing Peanut Oral Immunotherapy

2. Name of funding agency: Food Allergy Advisory Panel
3. Foundation Investigator relationship: Principal Investigator
4. Dates of funding: 2013-present

1. **Technical title of project:** A study to assess the role of a gluten free, casein free diet in the dietary management of autism associated gastrointestinal disorders

2. Name of funding agency: Nutricia North America
3. Foundation Investigator relationship: Co- Investigator
4. Dates of funding: 2014-2015

1. **Technical title of project:** Treatment for Food Allergy through Oral Immunotherapy

2. Name of funding agency: Food Allergy Research and Education
3. Foundation Investigator relationship: Principal Investigator
4. Dates of funding: 2015-2016

1. **Technical title of project:** Immune Responses in Shrimp Allergy

2. Name of funding agency: Thermo Fisher Scientific Phadia US Inc.
3. Foundation Investigator relationship: Principal Investigator
4. Dates of funding: 2015-2016

1. **Technical title of project:** Oral Immunotherapy Trials for Food Allergy

2. Name of funding agency: Food Allergy Research and Education

3. Foundation Investigator relationship: Principal Investigator

4. Dates of funding: 2015-2017

1. **Technical title of project:** Peanut Allergy Oral Immunotherapy Study of AR101 for Desensitization in Children and Adults (PALISADE-ARC003)

2. Name of funding agency: Aimmune Therapeutics, Inc.

3. Foundation Investigator relationship: Principal Investigator

4. Dates of funding: 2016-2019

1. **Technical title of project:** A Double-Blind, Placebo-Controlled, Randomized Phase III Pivotal Trial to Assess the Efficacy and Safety of Peanut Epicutaneous Immunotherapy with Viaskin® Peanut in Peanut-Allergic Children

2. Name of funding agency: DBV Technologies, Inc.

3. Foundation Investigator relationship: Principal Investigator

4. Dates of funding: 2016-2019

1. **Technical title of project:** TCH Food Allergy Symposium

2. Name of funding agency: Mylan

3. Foundation Investigator relationship: Principal Investigator

4. Dates of funding: 2018

1. **Technical title of project:** TCH Food Allergy Program Educational Mobile Cart

2. Name of funding agency: HEB Grocery Store

3. Foundation Investigator relationship: Co-Investigator

4. Dates of funding: 2018

1. **Technical title of project:** A Phase 3, Randomized, 3-Part Study to Investigate the Efficacy and Safety of Dupilumab in Adult and Adolescent Patients with Eosinophilic Esophagitis

2. Name of funding agency: Regeneron Pharmaceuticals (R668-EE-1774)

3. Foundation Investigator relationship: BCM Principal Investigator

4. Dates of funding: 2019

1. **Technical title of project:** Development of a Patient-Reported Outcome (PRO) Symptom Questionnaire for Eosinophilic Gastritis (EG) and Eosinophilic Gastroenteritis (EGE) in Children and Adolescents.

2. Name of funding agency: Allakos (AS8038C)

3. Foundation Investigator relationship: BCM Principal Investigator

4. Dates of funding: 2019

1. **Technical title of project:** Microneedles for Allergy Immunotherapy

2. Name of funding agency: National Institute of Allergy and Infectious Disease

3. Foundation Investigator relationship: BCM Co-Investigator

4. Dates of funding: 2019

1. **Technical title of project:** Systems Biology of Early Atopy

2. Name of funding agency: National Institute of Allergy and Infectious Disease

3. Foundation Investigator relationship: BCM Principal Investigator

4. Dates of funding: 3/1/21-2/28/22

1. **Technical title of project:** A Prospective, Multicenter Study To Compare And Validate Endoscopic, Histologic, Molecular, And Patient-Reported Outcomes In Pediatric And Adult Patients With Eosinophilic Esophagitis (Eoe), Gastritis (Eg), And Colitis (Ec)

2. Name of funding agency: National Institute of Health Rare Diseases Network

3. Foundation Investigator relationship: BCM Principal Investigator

4. Dates of funding: 2019-2021

1. **Technical title of project:** Controlling and Preventing Asthma Progression and Severity in Kids with Omalizumab
2. Name of funding agency: National Institute of Allergy and Infectious Disease
3. Foundation Investigator relationship: BCM Principal Investigator
4. Dates of funding: 2/24/20 - 6/30/23

B. National Scientific Participation:

1. Journal editorial boards, etc.

- a. Editorial Board, Journal of Allergy and Clinical Immunology: In Practice, 2019-present
- b. *Ad-hoc* Reviewer, Pediatrics, 2006 (1), 2007(3)
- c. *Ad-hoc* Reviewer, Journal of Allergy and Clinical Immunology, 2008 (4), 2009 (1), 2010 (2), 2011 (4), 2012 (1), 2013 (2), 2014 (3), 2015 (3), 2017 (1), 2018 (4), 2019 (2)
- d. *Ad-hoc* Reviewer, International Archives of Allergy and Immunology, 2008 (1), 2009 (4), 2010 (3), 2011 (2)
- d. *Ad-hoc* Reviewer, Allergy, 2010 (1)
- e. *Ad-hoc* Reviewer, Pediatric Allergy and Immunology, 2010 (4), 2011 (1), 2012 (2), 2014 (2)
- f. *Ad-hoc* Reviewer, Pediatric Allergy, Immunology and Pulmonology, 2010 (1), 2011(1), 2013(2)
- g. Editorial Board, Annals of Clinical and Laboratory Science, 2011(1) 2012 (3), 2013 (2)
- h. Ad-hoc Reviewer, Gastroenterology, 2012 (1), 2015(1)
- i. *Ad-hoc* Reviewer, Journal of Pediatrics, 2012 (1)
- j. *Ad-hoc* Reviewer, Pediatric Research, 2013 (1)
- k. *Ad-hoc* Reviewer, World Allergy Organization Journal, 2013 (1)
- l. *Ad-hoc* Reviewer, Journal of Allergy and Clinical Immunology: In Practice, 2014 (2), 2015 (3), 2016 (4), 2017 (6), 2018 (4), 2019 (3)
- m. *Ad-hoc* Reviewer, Annals of Allergy, Asthma and Immunology, 2015 (3), 2017 (5)

2. Review panels, etc.

- a. Reviewer for NIH meeting 2010/05 ZAI1 WFD-I (M3) 1 - Consortium of Food Allergy Research (CoFAR) and CoFAR Statistical and Clinical Coordinating Center (CoFAR SACCC) (U19 and U01), March 2010

- b. Grant Reviewer for South African Medical Research Council, October 2012
 - c. Member, FDA Allergenic Products Advisory Committee, 2012-2014
 - d. Grant Reviewer for American Academy of Allergy, Asthma & Immunology, ARTrust Mini Grant, December 2013
 - e. Member, Workgroup Report for Food Protein Enterocolitis Syndrome, International Association for Food Protein Enterocolitis, 2014
 - f. Grant Reviewer for the Austrian Science Fund (FWF), March 2016
 - g. Reviewer of Food Allergy Research & Education Check Restaurant Program Training Materials, June 2017
 - h. Reviewer for NIH meeting Special Emphasis Panel/Scientific Review Group 2017/10 ZAI1 TC-I (S3) 1 meeting, T cell reagent resource for the Study of Allergic Diseases (U19), August 2017
 - i. Reviewer for the 2018 APFED/AAAAI Hope Grant Award, November-December 2017
 - j. Reviewer for NIH Mentored Patient-Oriented Research Career Development Award (Parent K23), March 2018
 - k. Reviewer for NIAID Investigator Initiated Extended Clinical Trial (R01; PAR-18-630), April 2019
3. Professional societies, etc.; elected positions, etc.
- a. Board of Directors Membership, American Academy of Allergy, Asthma and Immunology, 2019 - 2023
 - b. Elected to the American Pediatric Society, 2019
 - c. Member, American Academy of Allergy, Asthma and Immunology A/I Division Directors Committee, 2018 - 2019
 - d. President-Elect, Texas Allergy Asthma and Immunology Society, 2017-2018
 - e. Chair, American Academy of Allergy, Asthma and Immunology Committee on the Underserved, 2018
 - f. Member, American Academy of Allergy, Asthma and Immunology Annual Meeting Program Committee, 2018-2019
 - g. Presiding Chair, Texas Department of State Health Services Stock Epinephrine Committee, 2017-2020
 - h. Co-Leader, Leadership Institute Working Group, American Academy of Allergy, Asthma and Immunology, 2016-2018

- i. Member, President Nominating Committee, American Academy of Allergy, Asthma and Immunology, 2017
- j. Secretary-Treasurer, Texas Allergy Asthma and Immunology Society, 2016-2017
- k. Mentor and Member, AAAAI Leadership Mentorship Committee, 2016-2017
- l. Chair, American Academy of Allergy, Asthma and Immunology EGID Slide Set Committee, 2015
- m. Chair, Leadership Institute Working Group, American Academy of Allergy, Asthma and Immunology, 2014-2016
- n. Member, Society of Pediatric Research, 2014
- o. Member, Presidential Task Force on Inclusion, Diversity and Representation, American Academy of Allergy, Asthma & Immunology, 2013- 2015
- p. Fellow, The American Academy of Allergy, Asthma and Immunology, 2013- present
- q. Fellow, The American College of Allergy, Asthma and Immunology, 2013- present
- r. Fellow, Association of Clinical Scientists, 2012- present
- s. Academic Liaison, Greater Houston Allergy, Asthma and Immunology Society, 2011-present
- t. Member, Academy of Distinguished Educators, Baylor College of Medicine, 2012- present
- u. Texas Allergy, Asthma and Immunology Society Representative, Ad Hoc Committee for Development of Guidelines for Policies for Care of Certain Students at Risk for Anaphylaxis, Texas Department of State Health Services (DSHS), 2012
- v. Delegate on the Harris County Medical Society Delegation to the TMA, 2010
- w. TMA InterSpecialty Society Committee Delegate from Texas Allergy, Asthma and Immunology Society, 2010
- x. Member, Harris County Medical Society Community Health Improvement and Communications Committee, 2009-2010
- y. Member, Adverse Reactions to Food Committee, American Academy of Allergy, Asthma & Immunology, 2010- present
- z. Member, Eosinophil Gastrointestinal Disorders Committee, American Academy of Allergy, Asthma & Immunology, 2010-present
- aa. Member, Altered Immune Response Committee, American Academy of Allergy, Asthma & Immunology, 2010-2014
- bb. Member, Board of Directors of the Texas Allergy, Asthma and Immunology Society, 2009–2016, Education Subcommittee from 2012-2016

- cc. Member, Eosinophil Gastrointestinal Disorders Task Force, American Academy of Allergy, Asthma & Immunology, 2008 - 2011
 - dd. Member, American Academy of Allergy, Asthma and Immunology, In-Training Exam Committee, 2003 – Present
 - ee. Team Leader, American Academy of Allergy, Asthma and Immunology, In-Training Exam Committee, 2006 – 2012
 - ff. Vice Chair, American Academy of Allergy, Asthma and Immunology Secondary Immunodeficiency Committee, 2006 – 2009
 - ff. Member, American Academy of Allergy, Asthma and Immunology, Secondary Immunodeficiency Committee, 2005 – 2009
 - gg. Fellow-in-Training Representative to the Accreditation Council of Allergy and Immunology Residency Review Committee, 2001- 2004
4. Invited lectures, presentations, research seminars: National, International
- a. AAAAI Annual Meeting Seminar; Drug Hypersensitivity in HIV Infection; Feb. 28, 2010
 - b. AAAAI Annual Meeting oral abstract moderator, Eosinophilic Esophagitis and Immunology of Food Reactions; March 2, 2010
 - c. 2010 PriMed Harvard/BCM Southwest Conference and Exhibition, Pediatric and Adolescent Medicine Session; Common Food Allergies in Children, March 5, 2010
 - d. Texas Children's Hospital International Colloquium, Department of Pediatrics, Baylor College of Medicine; Food Allergies; April 20, 2010
 - e. The Third International Gastrointestinal Eosinophil Research Symposium; Role of T Cells and Mast Cells in Eosinophilic Esophagitis. March 18, 2011
 - f. Under-recognition of Food Allergies in Lower Socioeconomic Status (SES) Schools in a Large Urban School District. Oral presentation, AAAAI Annual Meeting, 2011
 - g. AAAAI Annual Meeting oral abstract moderator, Eosinophilic Gastrointestinal Disease; March 21, 2011
 - h. AAAAI Annual Meeting oral abstract moderator, Underserved Populations; March 22, 2011
 - i. North American Veterinary Dermatology Forum; Human Food Allergies; April 15, 2011
 - j. AAAAI Annual Meeting Seminar; Hypereosinophilic Syndromes; March 6, 2012
 - k. Mexican Gastrointestinal Congress and Symposium, Jurica, Querétaro, June 28-30, 2012
 - l. William T. Shearer Innovations in Primary Immunodeficiency and Clinical immunology Symposium, Learning About Immunoregulation Through Food Allergy, February 9, 2013

- m. Primary Moderator, The 4th International Gastrointestinal Eosinophil Research Symposium (TIGERS); Feb. 22, 2013, San Antonio, TX
- n. Discussion Leader, Third International Gastrointestinal Research Symposium Lunch Session: How Do I Choose What Treatment to Use? Diet vs. Steroids, Pros and Cons, February 22, 2013, San Antonio, TX
- o. Primary Discussion Leader: Eosinophilic Esophagitis, American Academy of Allergy, Asthma and Immunology National Conference, February 25, 2013, San Antonio, TX
- p. Pro/Con Debate: Empiric Elimination Diets are Better than Targeted Elimination Diets for the Management of Eosinophilic Esophagitis: Con, American Academy of Allergy, Asthma and Immunology National Conference, February 26, 2013, San Antonio, TX
- q. Primary Discussion Leader, Asthma Management Amongst Minority Populations: Practical Insights for Clinicians, Researchers, and Public Health Planners, American Academy of Allergy, Asthma and Immunology National Conference, March 3, 2014, San Diego, CA
- r. American Academy of Asthma, Allergy, and Immunology Leadership Institute Annual Workshop, Stopping Complainers and Energy Drainers-Using Leadership Concepts to Deal with Difficult People, February 28, 2014, San Diego, CA
- s. Lecturer for the 2014 ACAAI/AAAAI Certification/Maintenance of Certification Board Review Course, Food Allergies, April 27, 2014, Chicago, IL
- t. William T. Shearer Innovations in Primary Immunodeficiency and Clinical immunology Symposium, The Prevalence and Characteristics of IgE Mediated Food Allergies, Houston, Texas, February 7, 2015
- u. Texas Children's Hospital International Colloquium, Department of Pediatrics, Baylor College of Medicine; Food Allergy and Anaphylaxis, Houston, Texas, March 10, 2015
- v. 67th Annual BCM Pediatric Postgraduate Symposium, Toward a Cure for Food Allergy? Navigating the Newest Tests and Trial, Houston, Texas, March 12, 2015
- w. Texas Children's Health Plan Grand Rounds Continuing Medical Education (CME) Series, Toward a Cure for Food Allergy? Navigating the Newest Tests and Trials, Houston, Texas, May 7, 2015
- x. XIII Nuevo Leon International Pediatric Congress, Respiratory Manifestations of Food Allergies, Monterrey, Mexico, July 10, 2015
- y. XIII Nuevo Leon International Pediatric Congress, Eosinophilic Gastrointestinal Disorders: Advances in Clinical Presentation, Diagnosis and Treatment Monterrey, Mexico, July 9, 2015
- z. XIII Nuevo Leon International Pediatric Congress, Current Treatment of Food Allergies: What Has Changed?, Monterrey, Mexico, July 9, 2015
- aa. Discussion Leader, TIGERS Lunch Session: How Do I Choose What Treatment to Use? Diet vs. Steroids: Pros and Cons, March 4, 2016

- bb. Southwest Annual PriMed Conference, Food Allergies and Food Intolerance: Update on Guidelines, Houston, Texas, June 14, 2016
- cc. California Society of Allergy, Asthma and Immunology, The Microbiome and Food Allergy, San Francisco, CA, July 15, 2016
- dd. California Society of Allergy, Asthma and Immunology, Management of Food Allergies, San Francisco, CA, July 16, 2016
- ee. Clinical Utility of Allergen Components Scientific Meeting, ThermoFisher Scientific, Inc., Emerging Data on New Shrimp Allergen Components – What We Know and What We Need, Uppsala, Sweden, October 26, 2016.
- ff. 52nd International Congress of Allergy and Immunology, Immunomodulatory Effects of Food Allergy Immunotherapy, Alexandria, Egypt, February 22, 2017
- gg. 52nd International Congress of Allergy and Immunology, Managing Eosinophilic Esophagitis with Precision and Accuracy, Alexandria, Egypt, February 24, 2017
- hh. Third Annual Meeting of the Arab Society of Allergy, Asthma and Clinical Immunology, Al Azhar University, Allergy and Immunology Center, Managing Eosinophilic Esophagitis with Precision and Accuracy, Cairo, Egypt, February 26, 2017
- ii. Food Allergy Research and Education, Inc National Conference, Food Allergy and Related Diseases, San Antonio, Texas, April 30, 2017
- jj. 2018 Gordon Research Conference on Food Allergy, Prevention of Symptoms with Oral Immunotherapy: What Is the Dose Threshold?, January 8, 2018
- kk. American Academy of Asthma, Allergy, and Immunology/World Allergy Organization Joint Congress, Hot Topics in Food Allergy, March 3, 2018
- ll. 2018 Annual North American Society for Pediatric Gastroenterology, Hepatology and Nutrition Meeting, Food Allergy Updates: Food Protein Enterocolitis Syndrome, October 27, 2018
- m. 2018 Annual North American Society for Pediatric Gastroenterology, Hepatology and Nutrition Meeting, Dispelling Myths in Allergy (IgG)/food allergy, October 27, 2018
- nn. American College of Asthma and Immunology Annual Meeting, Going Nuts: The Complexities of Diagnosing and Managing Peanut and Tree Nut Allergy, Moderator, November 17, 2018
- oo. American Academy of Allergy, Asthma and Immunology Conference, 2019 Literature Review: ABAI Continuous Assessment Study Course, February 21, 2019.
- pp. American Academy of Allergy, Asthma and Immunology Conference “Using Research to Drive Policy” during the Course “Advancing Care for Anaphylaxis and Food Allergy in Schools: Devil in the Details”, February 22, 2019
- rr. American Academy of Allergy, Asthma and Immunology Conference, “Recognizing Health Disparities in Allergy and Immunology”, February 22, 2019
- ss. American Academy of Allergy, Asthma and Immunology Conference, “Asthma and Allergy Health Disparities throughout the Lifespan” , Discussion Leader, February 23, 2019

oo. 5th annual PLUGS Summit: Achieving Alignment: Harmonizing Laboratory Stewardship Programs, Payers, & Patients with Actual Healthcare Trends, Testing for Food and Environmental Allergens, June 14, 2019

C. Publications:

1. a. Published in peer reviewed journals:

- i) **Davis CM**, McLaughlin T, Watson TJ, Buckley RH, Markert ML, et al. Normalization of the peripheral blood T cell receptor V-beta repertoire after cultured postnatal human thymic transplantation in DiGeorge syndrome. *J Clin Immunol* 1997; 17(2):167-75. – Duke University Medical Center
- ii) Schroers R, **Davis CM**, Hans-Joachim W, Chen SY. Lentiviral transduction of human T-lymphocytes with a RANTES intrakine inhibits human immunodeficiency virus type 1 infection. *Gene Therapy* 2002; 9(13):889-97. – Baylor College of Medicine
- iii) Noroski LM, **Davis CM**. Allergic rhinitis. *N Engl J Med*. 2006; 354(11):1205-6. – Baylor College of Medicine
- iv) **Davis CM**, Noroski LM, Dishop MK, Sutton DA, Braverman RM, Paul ME, Rosenblatt HM. Basidiomycetous fungal *Inonotus tropicalis* sacral osteomyelitis in X-linked chronic granulomatous disease: a unique clinical presentation and pathogen. *Pediatr Infect Dis J* 2007; 26(7):655-6. – Baylor College of Medicine
- v) **Davis CM**, Shearer WT, Diagnosis and management of HIV drug hypersensitivity. *J Allergy Clin Immunol* 2008; 121(4):826-832. – Baylor College of Medicine
- vi) **Davis CM**, Kancharla VS, Reddy A, Chan W, Yeh H, Noroski LM, Rosenblatt HM, Shearer WT, Chinen J. Development of specific T cell responses to *Candida* and tetanus antigens in partial DiGeorge syndrome. *J Allergy Clin Immunol* 2008; Dec, 122(6):1194-9. – Baylor College of Medicine
- vii) Tantibhaedhyangkul U, **Davis CM**, Noroski LM, Hanson IC, Shearer WT, Chinen J. Role of Interleukin-7 in the Regulation of T cell Homeostasis in Partial DiGeorge Syndrome. *J Allergy Clin Immunol* 2009; 123(4):960-2. – Baylor College of Medicine
- viii) Tantibhaedhyangkul U, Tatevian N, Gilger MA, Major AM, **Davis CM**. Increased Esophageal Regulatory T Cells and Eosinophil Characteristics in Children with Eosinophilic Esophagitis and Gastroesophageal Reflux Disease. *Annals of Clinical & Laboratory Science* 2009; 39(2):99-107. – Baylor College of Medicine
- ix) Patel NC, Chinen J, Rosenblatt HM, Hanson IC, Krance RA, Paul ME, Abramson SL, Noroski LM, **Davis CM**, Seeborg FO, Foster SB, Leung KS, Brown BS, Ritz J, Shearer WT. Outcomes of Severe Combined Immunodeficiency Patients Treated with Hematopoietic Stem Cell Transplantation with and without Pre-conditioning. *J Allergy Clin Immunol* 2009; 124:1062-9. – Baylor College of Medicine

- x) **Davis CM.** Food Allergies: Clinical Manifestations, Diagnosis, and Management. *Current Problems in Pediatric and Adolescent Health Care* 2009; 39(10):235-254. - Baylor College of Medicine
- xi) Kandyil RM, **Davis CM.** Shellfish allergy in children. *Pediatr Allergy Immunol* 2009; Aug, 20(5):408-414. - Baylor College of Medicine
- xii) Grigg AW, Hanson IC, **Davis CM.** Cashew Allergy Compared to Peanut Allergy in a US Cohort. *Pediatric Asthma, Allergy & Immunology* 2009; 22(3):101-4. - Baylor College of Medicine
- xiii) Narra M, **Davis CM,** Shearer WT. Presumed pizza allergy disproven. *WAO Clinical Allergy Tips. World Allergy Organization Journal* 2009. - Baylor College of Medicine
- xiv) *Moderator:* Stuart L. Abramson, *Participants:* Bird JA, **Davis CM,** Sicherer SH. Roundtable Discussion: Current Controversies and Advances in Food Allergy. *Pediatric Allergy, Immunology, and Pulmonology* 2010; 23(4):223-230. -Baylor College of Medicine
- xv) **Davis CM.** Diagnosis and Treatment of Eosinophilic Gastrointestinal Disorders. *Pediatric Allergy, Immunology, and Pulmonology* 2010; Dec, 23(4):237-242. -Baylor College of Medicine
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2. Other full papers/chapters:

a. Published without review by peer group:

- i) **Davis CM** and Chatila TA. Allergic Disease and Atopy. Chapter 190. *Rudolph's Pediatrics*. 2017
- ii) **Davis CM** and Garcia-Lloret M. Food Allergy. Chapter 194. *Rudolph's Pediatrics*. 2017
- iii) Perez C, Olive AP, **Davis CM**. Food Allergy Comorbidities: Eosinophilic Esophagitis. *Pediatric Food Allergy*, 2019
- iv) Bauer M, **Davis CM**, Skypala IJ. Adverse Reactions to Foods. *Health Professional's Guide to Food Allergies*, 2021

3. Abstracts given during last three years:

- a. Perez C, Richards M, Noor M, Staggars KA, Minard CG, **Davis CM**, Olive AP. Eosinophilic Esophagitis Reference Score Can Identify Pediatric Patients with Eosinophilic Esophagitis *Journal of Allergy and Clinical Immunology*, Vol. 143, Issue 2, AB137. American Academy of Asthma and Immunology Annual Meeting, February 2019.
- b. **Davis CM**, Green TD, Lambert R, Fleischer D. Efficacy and Safety of Epicutaneous Immunotherapy for Peanut Allergy in Subjects With and Without Atopic Dermatitis. *Journal of Allergy and Clinical Immunology*, Vol. 143, Issue 2, AB242. American Academy of Asthma and Immunology Annual Meeting, February 2019.
- c. Noor M, Anvari S, Olive A, Kronisch L, **Davis CM**. The Prevalence of IgE-Mediated Peanut Allergy in Patients Diagnosed with Eosinophilic Esophagitis. *Journal of Allergy and Clinical Immunology*, Vol. 143, Issue 2, AB139. American Academy of Asthma and Immunology Annual Meeting, February 2019.
- d. Anvari S, Watkin L, Cardenas V, Hassan O, **Davis CM**. Dendritic Cell Frequencies are Early Markers of Desensitization in Peanut Oral Immunotherapy. *Journal of Allergy and Clinical Immunology*, Vol. 143, Issue 2, AB246. American Academy of Asthma and Immunology Annual Meeting, February 2019.
- e. Tran D, Minard CG, Staggars KA, McMullen-Jackson C, Rivera F, Anvari S, **Davis CM**. School Personnel Apprehension Related To Stock Epinephrine In Greater Houston Area. *Journal of Allergy and Clinical Immunology*, Vol. 143, Issue 2, AB76. American Academy of Asthma and Immunology Annual Meeting, February 2019.

- f. Szafron V, Anvari S, Washington A, Staggers K, **Davis CM**. Improvement in Quality of Life (QOL) in Pediatric Patients with Food Allergy Associated Disease After Initial Clinic Evaluation. *Journal of Allergy and Clinical Immunology*, Vol. 143, Issue 2, AB84 American Academy of Asthma and Immunology Annual Meeting, February 2019.
- g. Tuano KTS, Anvari S, Hajjar J, Seeborg FO, Noroski LM, Orange JS, **Davis CM**. Hemocyanin Is A Shrimp Allergen In The U.S.: Clinical And Immunological Profiles Of Food Challenge-Proven Shrimp Allergic Patients. *Journal of Allergy and Clinical Immunology*, Vol. 143, Issue 2, AB239. American Academy of Asthma and Immunology Annual Meeting, March 2019. American Academy of Asthma and Immunology Annual Meeting, February 2019.
- h. Pitts K, Aldape T, Tran D, Anvari S, Anagnostou A, Kronisch L, Lyter-Reed LL, **Davis CM**. A Community Voice for Food Allergy Families: A Four-Year Successful Educational Experience. *Journal of Allergy and Clinical Immunology*, Vol. 143, Issue 2, AB72. American Academy of Asthma and Immunology Annual Meeting, February 2019.
- i. Chatchateantipa P, Nowak-Wegrzyn A, Lange L, Benjapornpitak S, Kok Wee C, Sangsupawanich P, Ampting M, Nijhuis M, Harthoorn L, Langford J, Garssen J, Knol J, Knipping K, Pesek R, **Davis CM**, Muraro A, Lajeunesse M, Fox A, Michaelis L, Roberts G, Beyer K; PRESTO study team. Tolerance development in infants with IgE-mediated cow's milk allergy receiving amino acid-based formula including specific synbiotics: a multi-center randomized controlled clinical trial (PRESTO), *European Academy of Allergy and Clinical Immunology Pediatric Allergy & Asthma Meeting*, June 2019
- j. Joseph M, Chew WT, Seeborg F, Satter LF, Anvari S, Chinn IK, **Davis CM**, Gupta MR, Nicholas S, Noroski LM, James M, Deniskin R, Diaz VC, Lowe J, Lee GL, Craddock MF, Chan AJ, Rider NL. Intralesional Corticosteroids as Adjunctive Therapy for Refractory Cutaneous Lesions in Chronic Granulomatous Disease. *American Academy of Asthma and Immunology Annual Meeting*, February 2020
- k. Nance CL, Jung SY, Hassan O and **Davis CM**. Identification and Characterization of Tropomyosin in a Potential Shrimp OIT Product, *American Academy of Asthma and Immunology Annual Meeting*, February 2020.
- j. CA Beveridge, A Karami, S Thanawala, L Martin, B Yancey, GW Falk, KL Lynch, S Aceves, E Dellon, M Chehade, JM Spergel, J Leung, N Gonsalves, I Hirano, D Katzka, P Khoury, R Pesek, **CM Davis**, K Peterson, G Hiremath, J Wechsler, M Collins, P Menard-Katcher, SK Gupta, GT Furuta, ME Rothenberg, D Bailey, AB Muir, KA Whelan. Influence of Race and Ethnicity on Characteristics of Eosinophilic Esophagitis in Pediatric and Adult Patients: Multi-Site Study. *Digestive Disease Week*. 2021

5. Other works communicating research results to scientific colleagues:

- a. "Influenza Vaccination in Suspected Egg Allergic Patients," Texas Allergy, Asthma and Immunology Society website in the Members Only, October 1, 2009

- b. "Modern Approaches in Diagnosing and Managing Food Allergy in Pediatrics," Nutricia sponsored lecture to Houston physicians, November 17, 2010
 - c. Contributor, Pediatric gastrointestinal allergy: Clinical aspects and case studies from around the world. Physician education booklet published through Nutricia North America, 2012.
6. Other works communicating research results to general public:
- a. "New Therapies in Allergy"; Sneezers and Wheezers, Publication of Allergy and Asthma Associates, 2004
 - b. Interviewed for KTRK's "Crossroads" to advocate for influenza vaccinations, 2008
 - c. "A doctor's advice on flu." Houston Chronicle. January 23, 2009
 - d. "Awareness key to dealing with serious food allergies." Houston Chronicle. May 13, 2009
 - e. "Food, environmental allergies pose threat to children." www.bcm.edu/news, November 2009
 - f. Interviewed for "Trouble in a Bottle" Parenting Magazine, September 2009
 - g. Woodlands Family Magazine article entitled, "When Food Hurts: Food Allergies on the Rise", July 3, 2010
 - h. Texas Children's Webinar on Food Allergies, November 16, 2010
 - i. Guidelines for the diagnosis and treatment of food allergies, Medical Blog for Texas Children's Website, February 1, 2011
 - j. Development of Food Allergy and Anaphylaxis Network Educational Slide Set for Food Allergy education for Texas Allergy, Asthma and Immunology Society Physicians, June 30, 2011
 - k. Texas Children's Food Allergy Clinic Partners With HISD To Make Schools Safer For Houston Kids, December 15, 2014, Texas Children's Blog, www.texaschildrensblog.org
 - l. EOSolutions Newsletter, American Partnership for Eosinophilic Disorders, Patient Education, "When is the decision made to start an elemental diet? How long is one typically on that type of diet, and what is the process for introducing foods back?" Spring 2015
 - m. TMC News, "Outgrowing an Allergy: With food allergies on the rise, a simple test brings conclusive answers", <http://www.tmc.edu/news/2017/11/outgrowing-an-allergy/>, November 2017
 - n. Science Magazine, <https://www.sciencemag.org/news/2018/10/revolutionary-treatment-allergies-peanuts-and-other-foods-going-mainstream-do-benefits>, Oct. 18, 2018
 - t. 15th Annual Childhood Conference Workshop: Let The Children Come, The Archdiocese of Galveston-Houston, "Food Allergies: How to recognize and care for children with food allergies", October 2, 2015

- u. National Association of University Women, 57th South Central Sectional Conference, "The Truth About Food Allergies: What Are the Real Risks?", June 17, 2016
- v. Texas Medical Association 2017 Annual Meeting, Session on Allergy, Asthma, Immunology, Food Allergy Management for Improved Quality of Life, May 5, 2017
- w. Chair of the Texas Medical Association 2017 Annual Meeting, Session on Allergy, Asthma, Immunology, May 4, 2017
- x. Texas Allergy Asthma and Immunology Society (TAAIS) Annual Meeting; Recent Treatment Advances in Eosinophilic Esophagitis, April 8, 2018

4. Local:

- a. Department of Pediatrics Grand Rounds, Baylor College of Medicine; Drug Allergy; June 23, 2006
- b. Department of Pediatrics Grand Rounds, Baylor College of Medicine; Food Allergy; February 6, 2009
- c. Section of Liver Transplantation, Department of Pediatrics, Baylor College of Medicine; Exploring Solid Organ Transplantation; July 1, 2009 and August 5, 2009
- d. Section of Gastroenterology Research Conference, Department of Pediatrics, Baylor College of Medicine; July 23, 2009
- e. Section of Pulmonology, Department of Pediatrics, Baylor College of Medicine; Food Allergy and Asthma; January 30, 2010
- f. Clinical and Nutrition Services, Department of Pediatrics, Baylor College of Medicine; Food Allergy for Dietitians; June 16, 2011
- g. Section of Gastroenterology, Hepatology and Nutrition Fellow Conference, Department of Pediatrics, Baylor College of Medicine, Diagnosis and Management of Food Allergies, April 29, 2011
- h. Workshop for Nurses at Houston Independent School District, Food Allergy 101; August 16, 2011
- i. St. Francis Episcopal Day School, School Management of Food Allergies; August 15, 2013.
- j. "The Truth about Food Allergies: What are the Real Risks?" at the Texas Children's Ambassadors on Call Luncheon, October 30, 2013
- k. The Kinkaid School, School Management of Food Allergies; April 1, 2014
- l. "Food Allergy at TCH: What is the Current State of the Art?", Greater Houston Allergy, Asthma and Immunology Meeting, June 3, 2015
- m. Section of Immunology, Allergy and Rheumatology, "Food Allergy" Board Review, September 4, 2015

- n. Texas Children's Hospital Nutrition Journal Club, "Towards a Cure for Food Allergy", January 21, 2016
- o. Section of Immunology, Allergy and Rheumatology, "Eosinophilic Gastrointestinal Disease" Board Review, January 29, 2016
- p. Texas Children's Pediatric Associates Webinar, "Food Allergies: The Diagnostic Dilemma", December 1, 2016
- q. Section of Immunology, Allergy and Rheumatology, Food Allergy Forum Monthly Lectures, September 2016-July 2017
- r. Texas Children's Research Seminar, "The Microbiome and Food Allergy: Is There a Link?", April 27, 2017
- s. Pathology and Immunology Gradual Program Immunology Seminar Series, "Immunologic Outcomes in Peanut Oral Immunotherapy", September 11, 2018
- t. Duke Houston, "This is Nuts! A discussion about children's food allergies", October 11, 2018

E. Visiting professorships:

- i. Louisiana State University Health Science Center, Allergy and Immunology Section, February 2016
- ii. National Institutes of Health, National Institute of Allergy and Infectious Disease, November 20, 2020
- iii. Indiana School of Medicine, Department of Pediatrics, Allergy and Immunology Section, Riley Children's Hospital, March 30-31, 2021