

CURRICULUM VITAE

Date Prepared 9/30/2009

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NAME: Marcus Sidney Shaker, MD, MSc, FAAP, FACAAI, FAAAAI

ADDRESS: Office:
Section of Allergy & Clinical
Immunology
Dartmouth-Hitchcock Medical Center
Lebanon, NH 03756
(603) 653-9885

EDUCATION:

<u>DATE</u>	<u>INSTITUTION</u>	<u>DEGREE</u>
May 1994	James Madison University <i>Harrisonburg, VA</i>	BS <i>summa cum laude</i>
May 1998	University of Virginia School of Medicine <i>Charlottesville, VA</i>	MD
June 2008	Dartmouth College The Dartmouth Institute for Health Policy and Clinical Practice <i>Hanover, NH</i>	MSc <i>Evaluative Clinical Sciences and Health Care Leadership</i>

POSTDOCTORAL TRAINING:

<u>DATE</u>	<u>SPECIALTY</u>	<u>INSTITUTION</u>
1998-2001	Internship and Residency <i>Pediatrics</i>	University of Virginia <i>Charlottesville, VA</i>
2001-2003	Fellowship <i>Allergy and Clinical Immunology</i>	University of Virginia <i>Charlottesville, VA</i>

ACADEMIC APPOINTMENTS:

<u>DATE</u>	<u>ACADEMIC TITLE</u>	<u>INSTITUTION</u>
2004 - 2011	Assistant Professor of Pediatrics	Dartmouth Medical School Hanover, NH
2011 - present	Associate Professor of Pediatrics	Dartmouth Medical School Hanover, NH
2005 - 2011	Assistant Professor of Community and Family Medicine	Dartmouth Medical School Hanover, NH

2011- present	Associate Professor of Community and Family Medicine	Dartmouth Medical School Hanover, NH
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LICENSURE AND CERTIFICATION:

<u>DATE</u>	<u>LICENSURE/CERTIFICATION</u>
2001	American Board of Pediatrics, meeting MOC <i>Fellow, American Academy of Pediatrics (AAP)</i>
2003	American Board of Allergy and Immunology, meeting MOC <i>Fellow, American Academy of Allergy, Asthma, and Immunology (AAAAI)</i> <i>Fellow, American College of Asthma, Allergy, and Immunology (ACAAI)</i>
2004	Permanent Medical Licensure in the State of New Hampshire
2005	Permanent Medical Licensure in the State of Vermont
2006	Advanced Cardiac Life Support
2008	Pediatric Advanced Life Support
2019	Basic Life Support

HOSPITAL APPOINTMENTS:

<u>DATE</u>	<u>INSTITUTION</u>	<u>POSITION/TITLE</u>
1998-2003	University of Virginia Health Sciences Center Charlottesville, VA	Resident and Fellow Physician
2003-2004	Peninsula Regional Medical Center Salisbury, MD	Staff Physician
2004-present	Dartmouth-Hitchcock Medical Center	Attending Physician Senior Member

OTHER PROFESSIONAL POSITIONS (NON-DARTMOUTH):

<u>DATE</u>	<u>INSTITUTION</u>	<u>POSITION/TITLE</u>
2018 – 2023	Joint Task Force (JTF) On Practice Parameters	Member, Co-Chair AAAAI Delegate
2019-2020	JTF Anaphylaxis Workgroup	Chair
2019-present	JTF Peanut Allergy Diagnostics Workgroup	Co-chair
2019-2020	Anaphylaxis Definition and Severity Expert Panel	Member
2020-present	Core Outcome Set for Food Allergy Action (COMFA) International Expert Panel https://www.cost.eu/actions/CA18227/#tabs%7CName:overview	Member

RESEARCH FUNDING:Ongoing Research SupportCost-Effectiveness of Epinephrine Autoinjector Anaphylaxis Preparedness from an International Perspective: One Device or Two?

Sponsor: Dartmouth-Hitchcock Medical Center Department of Medicine Scholarship Enhancement in Academic Medicine Award (SEAM)

Dates: 2/2020 – 2/2021

Amount: \$50,000

Role: PI

Collaborators: Matthew Greenhawt, MD, MBA, MSc; Paul Turner, MRCPCH, FRACP, PhD

Completed Research SupportCharacterization of Cytokine Responses During Natural Rhinovirus Infection

Sponsor: University of Virginia Children's Medical Center Research Award

Dates: 9/2001 – 9/2002

Amount: \$3,400.00

Role: PI

Characterization of Cytokine Responses During Natural Rhinovirus Infection

Sponsor: American Academy of Pediatrics, Resident Research Grant

Dates: 1/2001 – 12/2002

Amount: \$2,000.00

Role: PI

Characterization of Activated Lymphocyte Cytokine Responses in Wheezing Children

Sponsor: The Cove Point Foundation Research Grant

Dates: 1/2001 – 12/2002

Amount: \$15,500.00

Role: PI

Characterization of s-ICAM Responses in Wheezing and Non-Wheezing Children During Natural Rhinovirus Infection

Sponsor: Foundation of the American College of Allergy, Asthma, and Immunology Young Faculty Support Award

Dates: 1/2005-1/2006

Amount: \$50,000.00

Role: PI

MEMBERSHIPS, OFFICE AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES:

DATE

SOCIETY

ROLE

1998 - present	American Academy of Pediatrics (AAP) <i>AAP Section on Allergy & Immunology</i>	Member Fellow (2005) <i>Member</i>
2001 - present	American Academy of Allergy, Asthma, and Immunology (AAAAI)	Member Fellow (2007)
2001 - present	<i>AAAAI Section on Health Outcomes, Education, Delivery, and Quality (HEDQ)</i>	<i>Member</i>
2001 – 2014	<i>AAAAI Section on Environmental and Occupational Respiratory Diseases</i>	<i>Member</i>
2004	<i>AAAAI Evidence Based Diagnostics Task Force</i>	<i>Member</i>
2004-present	American College of Allergy, Asthma, and Immunology (ACAAI)	Member
2005 - present	New England Society of Allergy	<i>Member</i>
2005	<i>ACAAI Continuing Medical Education/ Continuing Professional Development Committee</i>	<i>Member</i>
2006 - 2008	<i>Infections & Asthma Task Force</i>	<i>Member</i>
2006-2008	<i>Air Pollution Committee</i>	<i>Member</i>
2006 - present	<i>AAAAI Evaluation and Outcomes Research/ Quality, Adherence, Outcomes Committee</i>	<i>Member</i>
2008-2009	<i>AAAAI Evaluation and Outcomes Research Committee</i>	<i>Vice Chair</i>
2008-present	Society for Pediatric Research	<i>Member</i>
2009 - 2013	<i>AAAAI Workshops Subcommittee for Annual Programming</i>	<i>HEDQ Representative</i>
2009-2010	<i>AAAAI Workshops Subcommittee for Annual Programming</i>	<i>HEDQ Vice-Representative</i>
2010	<i>AAAAI HEDQ Problem Based Learning Workshop Planning Group</i>	<i>Member</i>

2010 – 2012	<i>AAAAI HEDQ Workshop Representative for Annual Programming</i>	
2011-2013	<i>AAAAI Annual Meeting Evaluator</i>	
2014	<i>AAAAI HEDQ Symposia Vice Representative</i>	
2014	<i>AAAAI Annual Meeting Symposia Workgroup</i>	<i>Member</i>
2018	<i>Joint Council of Allergy, Asthma, and Immunology Practice Parameter Workgroup: Primary Prevention of Food Allergy</i>	<i>Member</i>
2018	American Medical Association	

JOURNAL EDITORIAL BOARDS:

<u>DATE</u>	<u>JOURNAL NAME</u>
2019-present	Journal of Food Allergy
2020-	Annals of Allergy, Asthma, and Immunology
2020-2025	Journal of Allergy and Clinical Immunology: In Practice
December 2021 (<i>In Development</i>)	Journal of Allergy and Clinical Immunology: In Practice Theme Issue Co-Coordinator

JOURNAL REFEREE ACTIVITIES:

<u>DATE</u>	<u>JOURNAL NAME</u>
2005 – 2016	Pediatrics
2006	AAP Hot topics: Asthma Content, Disaster Preparedness
2006-2011	Journal of Allergy and Clinical Immunology February 2006 - 2012 Supplements
2007-2008	JAMA
2007-2009	CHEST

- 2016-2019 Annals of Allergy, Asthma, and Immunology
- 2016 American Journal of Rhinology and Allergy
- 2017-2020 Journal of Allergy and Clinical Immunology In Practice
- 2017 Invited Reviewer: Administration of Vaccines to Egg-Allergic
Recipients: A Practice Parameter Update – 2017
- 2017-2018 Journal of Asthma and Allergy
- 2018 Allergy and Rhinology
- 2018 Clinical and Experimental Allergy
- 2018 PLOS One
- 2018 International Journal of Allergy Medications
- 2019 The Medical Letter On Drugs and Therapeutics
OTC Drugs for Seasonal Allergies
March 2019
- 2019 American Academy of Pediatrics
Society for Allergy and Immunology
2019 Synopsis Book “Best Articles Relevant to Pediatric Allergy,
Asthma, and Immunology”
Reviewer/Contributor
- 2019 Allergy The European Journal of Allergy and Clinical Immunology
(EAACI)
- 2020 JAMA Network Open
- 2020 The Medical Letter on Drugs and Therapeutics
Oral Peanut Allergen Powder (Palforzia) For Accidental Allergic Reaction
Risk Mitigation
March 2020
- 2020 Pediatric Allergy and Immunology
- 2020 The Medical Letter on Drugs and Therapeutics
Cetirizine Ophthalmic Solution (Zerviate) for Allergic Conjunctivitis
April 2020
- 2020 AAAAI Practice, Diagnostics, and Therapeutics (PDT) Committee

Workgroup Report on Telemedicine

2020 Allergy and Asthma Proceedings

2020 Cleveland Clinic Journal of Medicine

AWARDS & HONORS:

DATE

AWARD NAME

- 2005 Alma Hass Milham Evaluative Clinical Sciences Scholarship
- 2007 “America’s Top Pediatricians”
Consumers’ Research Council of America
- 2007 International Union of Immunological Societies Meeting (WHO) on
Primary Immunodeficiencies Delegate & Grantee
- 2008, 2009 Marquis Who's Who Biographee
- 2010 CHaD-vocate Award
- 2017 2017 Cigna Care Designation of Quality and Cost-Efficacy
- 2018 2018 AAAAI Leadership Institute
- 2019 European Academy of Allergy and Clinical Immunology (EAACI)
2019 Annual Congress, Lisbon, Portugal
Distinguished Abstract Award
*Understanding the Health and Economic Benefits of Commercial
Peanut Immunotherapy Products: A Cost-effectiveness Analysis.*
- 2019 Journal of Allergy and Clinical Immunology In Practice
Top Reviewer
- 2019 Best of 2019. *Annals of Allergy, Asthma, and Immunology*
Marshall G, Ellis A, Grayson M et al. 2020; 124: 111-115.
Selected articles:
1. Jiang, Yuan, Dutille, Bailey, Shaker. Iatrogenic Gelatin Anaphylaxis
2. Shaker, Kanaoka, Feenan, Greenhawt. EMS Activation CEA
3. Shaker, Greenhawt. Providing Cost-Effective Care for Food Allergy
- 2019-2020 New Hampshire Magazine Top Doctors
Top Allergist/Immunologist

MEDIA INTERVIEWS & SECONDARY COVERAGE

August 2003	Food Allergy in Schools	WBOC (Local CBS Affiliate) Morning News (Salisbury, MD)
May 2004	Asthma Mortality and Access To Health Care	WBOC (Local CBS Affiliate) Morning News (Salisbury, MD)
March 2017	Online Epinephrine Autoinjector Costs Vary Significantly	Healio.com March 6, 2017
February 2018	Food Allergy Bullying and Anxiety	New York Times Roni Caryn Rabin February 12, 2018
June 2018	Springtime Allergies	Seacoast Media Portsmouth Herald York Weekly June 17, 2018
August 2018	Epipen Supply Runs Low as School Begins	The Washington Post Rachel Siegel & Carolyn Johnson August 17, 2018
November 2018	Epipen Value-Based Cost	JAMA Network Open Press Release November 16, 2019
November 2018	Epinephrine Autoinjectors Overpriced	Children's Hospital Colorado www.childrenscolorado.org November 16, 2018
November 2018	Epipen May Have A Lot Of Value... But Only If It Costs \$24	Stat News Boston Globe Network Ed Silverman November 16, 2018
November 2018	What Is The Value-Based Pricing Amount For Self-Injectable Epinephrine?	EurekaAlert! www.eurekaalert.org November 16, 2018
November 2018	Epinephrine Personal	HealthDay News Wire

	Autoinjectors Cost-Effective At \$24	Serena Gordon www.drugs.com www.physiciansbriefing.com November 17, 2018
November 2018	Children's Hospital Colorado, Dartmouth-Hitchcock allergy specialists find EpiPen autoinjectors overpriced	Eagle Times www.eagletimes.com November 20, 2018
December 2018	Value-Based Drug Pricing of Epinephrine Autoinjectors	World Allergy Organization www.worldallergy.org Medical Journal Review Editor's Choice December 2018
April 2019	OTC Drugs for Seasonal Allergies	The Medical Letter April 22, 2019
May 2019	Are Commercial Peanut Immunotherapy Products Cost-Effective?	MedicalResearch.com May 6, 2019
May 2019	Empowerment & Multidisciplinary Care for Patients With Food Allergies	Reuters Carolyn Crist May 20, 2019
May 2019	Peanut Allergy Products Economics	Physician's Weekly Keith D'Oria May 24, 2019
May 2019	Community Anaphylaxis First Aid In Flight: Dollars and Sense	Latest Research AAAAI.org May 20, 2019
June 2019	Stocking Epinephrine Autoinjectors On Commercial Flights Found To Be Cost-Effective	AAAAI.org Press Release June 1, 2019
July 2019	Immediate Vs Non-Immediate EMS Activation After Epinephrine Use	American Board of Pediatrics Question of the Week July 17, 2019
September 2019	First Peanut Allergy Treatment To Be Reviewed By FDA Panel	The Washington Post Carolyn Johnson September 13, 2019

September 2019	FDA to Assess First Peanut Allergy Drug	WebMD September 16, 2019
September 2019	Peanut Oral Immunotherapy	WTOP-FM 103.5 #1 radio news station in D.C. Hilary Howard & Shawn Anderson Live on-air interview September 17, 2019
November 2019	Balancing Risk: Automobiles, Monoclonal Antibodies, and Anaphylaxis	Latest Research AAAAI.org November 2019
November 2019	Peanut Allergy Immunotherapy Is Coming – But Is It Really Ready?	Medpage Today Salynn Boyles November 10, 2019
November 2019	Peanut Allergy Healthcare Costs High	Medscape Ingrid Hein November 21, 2019
December 2019	Cost-Effective Chronic Urticaria Diagnosis: Less is More	Latest Research AAAAI.org December 2019
December 2019	What LEAP Meant for Food Allergy	MDmag.com Kevin Kunzmann December 4, 2019
December 2019	Peanut Immunotherapy Products: Estimating Health and Economic Benefits	Physician's Weekly Pediatrics Chris Cole December 9, 2019
February 2020	Peanut Immunotherapy in 2020	Canadian Broadcasting Company National Public Radio <i>As It Happens</i> (CBC/NPR) Carol Off February 5, 2020
February 2020	Study Shows High Costs and Burden of Peanut Allergy	Allergic Living Gwen Smith February 6, 2020
April 2020	Updated Anaphylaxis Guidelines	New England Journal

		of Medicine Journal Watch David J. Amrol, MD April 16, 2020
June 2020	Providing Patient-Centered, Allergen Immunotherapy During A Pandemic: Could Some Patients Receive Their Allergy Shots At Home?	Latest Research AAAAI.org June 2020
June 2020	Wellness for Doctors During The Pandemic	Psychology Today <i>Hope+Resilience</i> Blog Jamie Aten, PhD June 2020
July 2020	Many Pediatricians Don't Fully Implement Infant Peanut Allergy Guidelines	Reuters/Medscape Marilyn Larkin June 27, 2020
July 2020	Pediatricians Slow To Embrace Peanut Allergy Guidelines for Infants	Physician's Weekly Michael Bassett July 17, 2020

INVITED PRESENTATIONS:National / International:

<u>DATE</u>	<u>TOPIC</u>	<u>ORGANIZATION/ LOCATION</u>
March 2001	Viral Respiratory Tract Infections and Total Serum IgE in Infants and Children Hospitalized for Wheezing	American Academy of Allergy, Asthma, and Immunology 2001 Annual Meeting (New Orleans, LA)
March 2005	Rhinovirus and Soluble ICAM Levels in Children Evaluated for Wheezing or Rhinitis	American Academy of Allergy, Asthma, and Immunology 2005 Annual Meeting (San Antonio, TX)
May 2006	A Cost-Effectiveness Analysis of Venom Desensitization in Children Treated for Cure and Risk-Reduction	American Academy of Allergy, Asthma, and Immunology 2006 Annual Meeting (Miami, FL)
May 2006	A Cost-Effective Analysis of Aspirin Desensitization in Aspirin Sensitive Patients	Science & Surf Featured Poster Session. American Academy of Allergy, Asthma, and

		Immunology 2005 Annual Meeting (Miami, FL)
November 2006	A Cost-effectiveness Analysis of Sublingual Allergen Immunotherapy.	American College of Allergy, Asthma, and Immunology 2006 Annual Meeting (Philadelphia, PA)
May 2007	An Economic Analysis of Anemia Prevention Using Reticulocyte Hemoglobin Content (CHr)	Pediatric Academic Societies' 2007 Annual Meeting (Toronto, Canada)
March 2010	Allergy Epidemiology: Oral Abstract Session Session Moderator	American Academy of Allergy, Asthma, and Immunology 2010 Annual Meeting (New Orleans, LA)
March 2010	Evidence Based Medicine: How to Use it in Daily Practice Hand-On Workshop Instructor	American Academy of Allergy, Asthma, and Immunology 2010 Annual Meeting (New Orleans, LA)
March 2011	Critical Appraisal: Quick and To the Point Instructor	American Academy of Allergy, Asthma, and Immunology 2011 Annual Meeting (San Francisco, CA)
March 2011	Allergy Epidemiology: Oral Abstract Session Session Moderator	American Academy of Allergy, Asthma, and Immunology 2011 Annual Meeting (San Francisco, CA)
February 2013	Development of Clinical Skills To Promote Adherence and Maximize Asthma Outcomes Moderator	American Academy of Allergy Asthma and Immunology 2013 Annual Meeting (San Antonio, TX)
February 2013	Adherence and Asthma Treatment Moderator	American Academy of Allergy Asthma and Immunology 2013 Annual Meeting (San Antonio, TX)
February 2014	Development of Clinical Skills To Promote Adherence and Maximize Asthma Outcomes Moderator	American Academy of Allergy Asthma and Immunology 2014 Annual Meeting (San Diego, CA)

February 2014	Making the Practice Parameters Work For You: Using a Quality Improvement Approach Primary PBL Facilitator	American Academy of Allergy Asthma and Immunology 2014 Annual Meeting (San Diego, CA)
February 2015	Asthma and Eczema Moderator	American Academy of Allergy Asthma, and Immunology 2015 Annual Meeting (Houston, TX)
March 2016	The Ins and Outs of Dietary Management Discussion Leader	American Academy of Allergy Asthma, and Immunology 2016 Annual Meeting (Los Angeles, CA)
March 2017	A Cost-Effectiveness Analysis of Probiotic with Peanut Oral Immunotherapy (PPOIT) in Children	American Academy of Allergy Asthma and Immunology 2017 Annual Meeting (Atlanta, GA)
March 2017	An Economic Evaluation of Epinephrine Autoinjectors for Peanut Allergy	American Academy of Allergy Asthma and Immunology 2017 Annual Meeting (Atlanta, GA)
March 2018	Cost-effectiveness of Bystander Epinephrine in Community Anaphylaxis	Asthma and Immunology 2018 Annual Meeting (Orlando, FL)
March 2018	An XLA Contiguous Gene Syndrome with Metachronous Co-Primary Testicular Cancers	Asthma and Immunology 2018 Annual Meeting (Orlando, FL)
August 2018	Certainty of Evidence in Context: Cost Effectiveness Evaluation of Peanut Skin Testing Vs Ara h 2 for Diagnosis of Peanut Allergy	GRADE Evidence Based Medicine Workshop New York Academy of Medicine (New York, NY)
August 2018	Detecting Publication Bias	GRADE Evidence Based Medicine Workshop New York Academy of Medicine (New York, NY)

October 2018	The Health and Economic Benefits of Approaches for Peanut Introduction in Infants with a Peanut Allergic Sibling.	The Food Allergy and Anaphylaxis Meeting of the European Academy of Allergy and Clinical Immunology, FAAM (Copenhagen, Denmark)
November 2018	Economic Outcomes of Activation of Emergency Services After Epinephrine Use for Peanut Anaphylaxis	American College of Allergy Asthma, and Immunology 2018 Annual Meeting (Seattle, WA)
February 2019	Food Allergy Prevention: To Screen or Not to Screen – That is The Question Symposia	AAAAI 2019 Annual Meeting San Francisco, CA
June 2019	Peanut Allergy: Burden of Illness	Eastern Allergy Conference Palm Beach, FL
June 2019	Cost-effectiveness of Peanut Allergy Management Strategies	Eastern Allergy Conference Palm Beach, FL
October 2019	Update on Biologics and Autoinflammatory Syndromes	Canadian Society of Allergy & Clinical Immunology Annual Scientific Meeting Montreal, CA
November 2019	Cost-effective Practice in Food Allergy	American College of Allergy Asthma, and Immunology 2019 Annual Meeting (Houston, TX)
November 2019	Evidence-based Diagnosis of Food Allergies	American College of Allergy Asthma, and Immunology 2019 Annual Meeting (Houston, TX)
November 2019	Evolution of Food Allergy Therapies Moderator	American College of Allergy Asthma, and Immunology 2019 Annual Meeting (Houston, TX)

November 2019	Economic Burden of Disease Among Peanut Allergic Children	American College of Allergy Asthma, and Immunology 2019 Annual Meeting (Houston, TX)
March 2020 (Invited)	Screening for Allergies and Asthma	American Academy of Allergy Asthma, and Immunology 2020 Annual Meeting (Philadelphia, PA)* Talk not given due to COVID19 conference cancellation
March 2020 (Invited)	Value and Cost-Effectiveness in Allergy-Immunology: Economics Research (Moderator)	American Academy of Allergy Asthma, and Immunology 2020 Annual Meeting (Philadelphia, PA) * Not completed given due to COVID19 conference Cancellation
March 2020 (Invited)	Making the GRADE in Anaphylaxis	American Assoc of Allergists of Indian Origin 2020 Annual Meeting (Philadelphia, PA)* Talk not given due to COVID19 conference cancellation
March 2020	JACI In Practice @JACIInPractice TwitterChat	COVID Contingency Planning David Stukus, MD Matthew Greenhawt, MD, MSc Marcus Shaker, MD, MSc
April 2020	COVID-19: Pandemic Contingency Planning in the Allergy Clinic	Journal of Allergy and Clinical Immunology Virtual Journal Club
April 2020	JACI In Practice @ JACIInPractice TwitterChat	Clinician Wellness During COVID-19: Maintaining Personal Health While Navigating Unexpected Challenges in Extraordinary Times David Stukus, MD Ann Wu, MD

Marcus Shaker, MD, MSc

July 2020	COVID-19: A Phased Approach To Resuming Suspended Allergy/ Immunology Clinical Services	Journal of Allergy and Clinical Immunology Virtual Journal Club
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BIBLIOGRAPHY:

NHLBI My Bibliography (81 citations):

<https://www.ncbi.nlm.nih.gov/myncbi/marcus.shaker.1/bibliography/public/>

Practice Parameters, Guidelines, and Consensus Guidance:

1. **Shaker MS**, Wallace DV, Golden DBK, Oppenheimer J, Bernstein JA, Campbell R, Dinakar C, Ellis, A, Greenhawt M, Khan DA, Lang D, Lang E, Lieberman J, Portnoy J, Rank MA, Stukus DR, Wang J. *Anaphylaxis – a 2020 Practice Parameter Update, Systematic Review, and GRADE Analysis*. Journal of Allergy and Clinical Immunology. 2020 Jan 27. Piii: S0091-6749(20)30105-6.
2. **Shaker MS**, Wallace DV, Golden DBK, Oppenheimer J, Bernstein JA, Campbell R, Dinakar C, Ellis, A, Greenhawt M, Khan DA, Lang D, Lang E, Lieberman J, Portnoy J, Rank MA, Stukus DR, Wang J.. Anaphylaxis Pocket Guide. International Guidelines Center. GuidelineCentral.com. 2020
3. **Shaker MS**, Oppenheimer J, Grayson M, Stukus D, Hartog N, Hsieh, E, Rider N, Dutmer C, Vander Leek T, Kim H, Chan E, Mack D, Ellis A, Lang D, Lieberman J, Fleischer D, Golden D, Wallace D, Portnoy J. Mosnaim G, Greenhawt M. *COVID-19: Pandemic Contingency Planning for the Allergy and Immunology Clinic*. Journal of Allergy and Clinical Immunology In Practice. 2020. Pii: S2213-2198(20)30253-1. DOI: <https://doi.org/10.1016/j.jaip.2020.03.012>
4. Searing DA, Dutmer C, Fleischer DM, **Shaker MS**, Oppenheimer J, Grayson M, Stukus D, Hartog N, Hsieh, E, Rider N, Vander Leek T, Kim H, Chan E, Mack D, Ellis A, Abrams E, Bansal P, Lang D, Lieberman J, Golden D, Wallace D, Portnoy J. Mosnaim G, Greenhawt M. *A Phased Approach to Resuming Suspended Allergy/Immunology Clinical Services*. Journal of Allergy and Clinical Immunology In Practice. 2020 May 22:S2213-2198(20:30486-4. Doi:10.1016/j.jaip.2020.05.012..
5. Dribin T, Sampson H, Camargo C, Brousseau D, Spergel J, Neuman M, **Shaker MS**, Campbell R, Michelson K, Rudders S, Assa'ad A, Risma K, Castells M, Schneider L, Wang J, Lee J, Mistry R, Vyles D, Vaughn L, Schumacher D, Witry

- J, Viswanathan S, Paige E, Schnadower D. *Consensus Definitions of Anaphylaxis Outcomes: A Multidisciplinary Delphi Study*. Journal of Allergy and Clinical Immunology. 2020. *Accepted for Publication*
6. Hirano I, Chan E, Rank M, Sharaf R, Stollman N, Stukus D, Wang K, Greenhawt M, Falck-Ytter Y; on behalf of the AGA Institute Clinical Guidelines Committee and the Joint Task Force on Allergy-Immunology Practice Parameters. *AGA Institute and the Joint Task Force on Allergy-Immunology Practice Parameters Clinical Guidelines for the Management of Eosinophilic Esophagitis*. Annals of Allergy Asthma Immunology. 2020; 124: 416-423.
 7. Dykewicz MS, Wallace DV, Amrol DJ, Baroody FA, Bernstein JA, Craig TJ, Dinakar C, Ellis AK, Fingegold I, Golden DBK, Greenhawt MJ, Hagan JB, Horner CC, Khan DA, Lang DM, Larenas-Linneman DES, Lieberman JA, Meltzer EO, Oppenheimer JJ, Rank MA, **Shaker MS**, Shaw JL, Steven GC, Stukus DR, Wang J. Rhinitis 2020: A Practice Parameter Update. Journal of Allergy and Clinical Immunology 2020. *Accepted for Publication*.
 8. Greenhawt M, **Shaker M**, Wang J, Oppenheimer J, Sicherer S, Keet C, Swaggart K, Rank M, Portnoy J, Bernstein J, Chu D, Dinakar C, Golden DBK, Horner C, Lang D, Lang E, Khan D, Lieberman J, Stukus D, Wallace D. Peanut Allergy Diagnosis – A 2020 Practice Parameter Update, Systematic Review, and GRADE Analysis. Journal of Allergy and Clinical Immunology. 2020.
 9. Greenhawt M, **Shaker MS**, Stukus D, Fleischer D, Hourihane J, Tang E, Abrams E, Want J, Bingemann T, Chan E, Lieberman J, Sampson H, Bock A, Young M, Wasserman S, Mack D. *Managing Food Allergy In Schools During The COVID-19 Pandemic*. Journal of Allergy and Clinical Immunology. 2020.