

Curriculum Vita

Name and Personal Data:

Name: Amal Halim Assa'ad, M.D.

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Birth date: October 14, 1954

Birthplace: Egypt

Citizenship: USA

Children: Maryse, 6/14/81; Annie, 1/31/84; Lissa, 9/18/90

Spouse: Raouf Amin, MD

Language Proficiency: English, Arabic, French, (proficient) Italian, Spanish and German
(conversational)

Education:

1959-71 American College for Girls, Cairo, Egypt
Major: Science and Math
Class Rank: *Summa Cum Laude*

1966-69 *Goethe Institut Im Kairo*

1971-72 Faculty of Sciences, Ain Shams University, Cairo, Egypt
Preliminary Natural Sciences (Botany, Zoology, Physics and Chemistry)
Class Rank: Top twenty in class of nine hundred

1972-78 Faculty of Medicine, Ain Shams University, Cairo, Egypt
M.B.B.Ch. (M.D.), February, 1978 "Very Good with Honors"
(Honor mention is granted for maintaining a grade of at least "Very Good" for the six
years of medical school)
Class Rank: Top Fourth

1974 & 75 Hôpital Foch, Paris, France
Egypt and France medical student summer exchange program

1978-79 Rotating Internship
Ain Shams Hospitals and Affiliated Teaching Hospitals, Cairo, Egypt

- 1980-86 Residency, Internal Medicine
Cairo University Faculty of Medicine Affiliate Hospitals, Cairo, Egypt
(Two years sabbatical for master's degree courses)
- 1981-82 Master's degree
Graduate School, Faculty of Medicine, Ain Shams University, Cairo Egypt
- 1985-86 Master's thesis
Mentor: Dia El Din Soliman, M.D.
Department of Medicine, Division of Allergy, Ain shams University, Cairo, Egypt
Thesis: The Value of Skin Tests in the Diagnosis of Food Allergy
Ratified: March 1986 Excellent
- 1986-87 Fellow, Allergy/Clinical Immunology
Fellowship director: William Kniker, M.D.
University of Texas Health Science Center, San Antonio, Texas
- 1986-87 Non-degree studies in immunology, molecular biology and epidemiology
Graduate School of Biomedical Sciences
University of Texas Health Sciences Center, San Antonio, Texas
- 1988-90 Internal Medicine/Pediatrics Residency (PGY I and II)
Program director: Ralph Gordon, M.D.
Michigan State University
Hurley Medical Center, Flint, Michigan
- 1990-92 Internal Medicine/Pediatrics Resident (PGY III and IV)
Program director: Gary Onady, M.D.
Wright State University, Dayton, Ohio
- 1991-92 Chief Resident, Internal Medicine/Pediatrics
Wright State University, Dayton, Ohio
- 1992-95 Fellow, Allergy/Clinical Immunology
Program director: Michelle Lierl, M.D.
Children's Hospital Medical Center, Cincinnati, Ohio
- 2009 University of Cincinnati School of Engineering- Graduate School:
Bionanotechnology course (Non-degree)
- 2012-13 Senior Faculty Leadership Development Program- Cincinnati Children's
Hospital and the Harvard School of Business

Certification:

American Board of Internal Medicine, September, 1992
 American Board of Pediatrics, October, 1992, re-certification September
 2002, December 2008, fulfilling Maintenance of Certification to December 2018
 American Board of Allergy and Immunology, October 1995, re-certification,
 December 2005, December 2015 to 2025

Academic Appointment:

- 2014- Director, Food Allergy Research and Education (FARE) Center of Excellence in Food Allergy
- 2005- Professor of Clinical Pediatrics
Department of Pediatrics, University of Cincinnati, Cincinnati, Ohio
Division of Allergy and Immunology
Children's Hospital Medical Center, Cincinnati, Ohio
- 2003- Associate Director,
Director, Clinical Services
Division of Allergy and Immunology
Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio
- 2001-05 Associate Professor of Clinical Pediatrics
Department of Pediatrics, University of Cincinnati, Cincinnati, Ohio
Division of Allergy and Immunology
Children's Hospital Medical Center, Cincinnati, Ohio
- 1995-2001 Assistant Professor of Clinical Pediatrics
Department of Pediatrics, University of Cincinnati, Cincinnati, Ohio
Division of Pulmonary Medicine, Allergy and Immunology
Children's Hospital Medical Center, Cincinnati, Ohio
- 1998-2008 Member, Medical and Dental Staff, Bethesda, Tri-Health, Cincinnati, Ohio
- 1998- Member, Medical and Dental Staff, Good Samaritan Hospitals, Tri-Health, Cincinnati, Ohio
- 1997- 2006 Director, Food Allergy and Eosinophilia Clinic
Children's Hospital Medical Center, Cincinnati, Ohio
- 1997-2011 Allergist/immunologist, Group Health Associates, Cincinnati, Ohio
- 1995- Member, Medical Staff, Cincinnati Children's Hospital, Cincinnati, Ohio
- 1995-2012 Director, Allergy and immunology fellowship, University of Cincinnati/Cincinnati Children's Hospital Program
- 1988-90 Instructor Resident
Department of Pediatrics/Human Development and Department of Medicine
Michigan State University College of Human Medicine
- 1979-80 Ministry of Public Health
Director, Community Health Unit
Belle Temp County, Egypt

Awards and Honors:

Procter and Gamble - American College of Allergy and Immunology (ACAI) Research Award, 1993
Travel Grant Award, ACAI, 1993

Travel Grant Award, American Academy of Pediatrics, Section on Allergy and Immunology, 1993

Clemens Von Pirquet Research Award, ACAI Auxiliary, 1994

Travel Grant Award, American Academy of Allergy and Immunology (AAAAI), 1994 & 1995

Service Award, American Lung Association of Ohio, Southwestern Branch, 1995

Helping Hand Award, CHMC, 1999

Best Doctors in Cincinnati, Cincinnati magazine, 2002, 2004, 2005, 2008, 2009

Golden Spoon Resident Teaching Award, CCHMC, May 2004, April 2005

AAAAI/Sanofi Aventis Women Physicians in Allergy Award, 2005

Resident teaching award for attending with highest impact on Firm Rounds, Firmie Award, CCHMC, 2009

Best Doctors in Cincinnati, Cincy Magazine, 2010-2015

The Louisa Bousinco Lectureship, ACAAI, 2013

The Donald Fournier Lectureship, Louisiana State University, Shreveport, LA, 2013

The Woman in Allergy Award, ACAAI, 2013

All Star Teacher for the residency class of 2000, CCHMC, October 2015

AAAAI Foundation and I. Leonard Bernstein, MD FAAAAI Memorial Lectureship: This is the first time this honor is conferred. (Presented at AAAAI Meeting, Atlanta, GA, March 2017)

In the News:

1. NPR All Things Considered (Nov 2016): <http://www.npr.org/sections/health-shots/2016/11/11/501594010/hey-baby-meet-peanuts-how-and-when-to-safely-introduce-the-food>
2. Reuter's Health News (Nov 2016): http://www.reuters.com/article/us-health-allergies-peanuts-idUSKBN1361VW?feedType=RSS&feedName=healthNews&utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+reuters%2FhealthNews+%28Reuters+Health+News%29

Memberships in Professional Organizations:

American College of Allergy and Immunology (ACAAI), Member 1992-2010, Fellow: 2010-

American Academy of Pediatrics (AAP), Member 1992-2009, Fellow: 2009-

American College of Physicians (ACP), 1993-

American Academy of Allergy, Asthma and Immunology (AAAAI), Member: 1994-2000, Fellow: 2000-,

Cincinnati Asthma and Allergy Society, 1992-,

Vice-President/Secretary 2004-2006,

President 2007- 2010

Cincinnati Pediatric Society, 1997-

Society for Pediatric Research, Elected Member, 2000-

Pediatric Academic Societies, Elected Member, 2007-

American Medical Association (AMA), Member, 2009-

Accreditation Committee for Graduate Medical Education (ACGME)

Member, Residency Review Committee (RRC), Allergy and Immunology, (ACAAI and AAAAI representative) 2013-2019

Leadership and Management:

National

AAAAI Leadership

Interest Section Leadership:

Food allergy, Anaphylaxis, Dermatology and Drug Allergy (FADDA) Interest Section: Treasurer, elected by FADDA Interest Section membership, Nov 2016

Member of the Board of Directors, 2012-2016

A/I Fellowship Program Directors Assembly

Executive Committee:

Pediatric Councilor, (elected by A/I program directors), 2004-06

Vice-chair, (elected by A/I program directors), 2006-08

Chair, (elected by A/I program directors), 2008-2010

Past-chair, 2010-2012

Core curriculum and education committee,

Vice-chair 2003-06

Training Program Directors' Reading List Subcommittee

Chair, 2000-06

Subcommittee on Changes to Program Requirements

Chair, 2008-2010

Task Force on ERAS/NRMP

Chair, 2011-

AAAAI: Committee Leadership

Adverse Reactions to Foods Committee,

Vice-chair (appointed by AAAAI President), 2004-07

Chair, (appointed by AAAAI President) 2007-08

Symposia Committee, Food and Drug Reactions and Anaphylaxis (FDRA) Interest Section

Vice-President, 2002-03

Symposia Committee, Food and Drug Reactions and Anaphylaxis, Dermatology and Drug Allergy (FADDA) Interest Section

Vice-chair, (appointed by AAAAI President) 2007-2009

Chair, (appointed by AAAAI President) 2009-2012

Plenary Committee of the Annual Meeting

FADDA Representative, AAAAI, 2013-2015

Ad hoc review committee Clinical Fellowship Award(s)

Member 2004, 05, 06

Ad hoc review committee for the AAAAI Research Grants Awards

Member, 2006

Fellows-in-Training Committee (FIT)

Liaison and councilor from the Training Program Directors Executive Committee, 2004- 2006

AAAAI National Residency Educational Program and The Chrysalis Program.

Sponsor for pediatric residents and medical students to attend the National Meeting

Executive Committee of the Association for Specialty Professors

AAAAI Representative, (appointed by AAAAI President) 2005-09

Member, AAAAI Committee on:

Adverse reactions to foods, 1996-2017

Primary immunodeficiencies, 1998-2002
Women's involvement in AAAAI affairs, 1998-2012
National issues subcommittee, 1999-2002
Health Care Delivery and Quality Planning Committee, 2000-2002
Eosinophilic Disorders Committee, 2010-
Training Program Directors Committee on:
 Core curriculum and education, 1995-96, 98-2003
 National issues, 1996-97
 Research, 1997-98

ACAAI Leadership

Women in Allergy Committee, (appointed by ACAAI President)
 Member, 2010-
 Vice-chair, 2014-2016
 Chair, 2016-2018

Food Allergy Committee, (appointed by ACAAI President)
 Member, 2002-
 Vice-chair, 2004- 2010
 Chair, 2010- 2016

International Food Allergy Symposium
 Chair and organizer, 2009, 2012 and 2015 (yearly attendees: around 500)

Nominating Committee, (appointed by ACAAI President),
 Member, March 2004

Delegate to the NIH Expert Panel on Food Allergy Research 2006
Delegate to the NIH Expert Panel on Food Allergy and member of Coordinating Committee representing ACAAI, 2008-11 and 2015

CME committee, 2010-2015
Program Directors Committee, 2010-
Annual Meeting Program Committee, 2015

World Allergy Organization Leadership

Committee on Eosinophils, Mast Cells and Basophils
 Member, 2012-

American Partnership for Eosinophilic Disorders (APFED)

 Member, Medical Board, 2001-

Cincinnati Children's Hospital Medical Center Leadership

Executive Committee of the Department of Pediatrics Women Faculty Association:

 Secretary 1997-99
 President-elect 1999-2000
 President 2000-01
 Past-President 2001-02

Women Faculty Association Grand Rounds Subcommittee, 2003-

United Way Steering Committee,
Physician Leader, 2008 and 2009

Community Leadership

Cincinnati Allergy and Asthma Society Executive Committee
Secretary/Treasurer, 2004-06.

President, 2007-09

Past-President, 2009-2011

Promoted the specialty in the community and arranged CME talks by national speakers.

National Institute of Health and EPA Panels:

EPA panel on genetically modified foods,

Member, 2007

National Institute of Allergy and Infectious Diseases (NIAID) Special Emphasis Panel, Exploratory
Investigation in Food Allergy,

Reviewer, 2008

NIAID Food Allergy Clinical Guideline Expert Panel,

Member and Section Chair, 2008-2011

NIAID Allergy, Immunology, and transplantation Research Committee (AITC),

Reviewer 2009

NIAID Asthma and Allergic Diseases Cooperative Research Centers (AADCRC),

Reviewer, October 2012

Atopic Dermatitis Research Network (ADRN) (U19) and NIAID Clinical Trial Implementation
Cooperative Agreement (U01),

Reviewer, November 2014

NIAID Food Allergy Clinical Guideline Expert Panel,

Member of Expert Panel and of Coordinating Committee, 2015- 2016

Food and Drug Administration (FDA) advisory committee(s): Allergenic Products Advisory Committee,

Member, 2015-

Service and Citizenship:

Wright State University, Dayton, Ohio:

Internal Medicine/Pediatrics Faculty Committee, Promotion Committee, Residency Appointment
Committee, Pediatrics Education Committee. 1991-1992

Cincinnati Children's Hospital Medical Center:

Latex Utilization Committee, 1997

IVIG Utilization Committee, 1998

Asthma Clinical Effectiveness Committee, 1998-

Acute Sinusitis Guidelines Committee, 2000-

Graduate Medical Education Committee, 1998-2012

Reappointment, Promotion and Tenure Nominating Committee, 2000

Risk management- removing the risk of allergic reactions to foods in hospitalized patients, 2002-

Family Life Committee, 2003

Advanced Access Committee, 2005-

Allergy/Immunology EPIC Design Committee, 2008-

United Way Steering Committee, Physician Leader, 2008 and 2009

Advanced Improvement Leadership System (AILS) collaborative, Anderson Center, CCHMC, 2013-2014

Chronic Care Organization (CCO) collaborative, Anderson Center, CCHMC, 2013-

National Activities/Presentations:

1. ACAAI Annual Meeting, Atlanta, Georgia, November, 1993
Moderator, Food Allergy and Immunodeficiency session (CME)
2. ACAAI Annual Meeting, San Francisco, California, November, 1994
Moderator, Immunodeficiency session (CME)
3. AAAAI International Meeting, San Francisco, California, February, 1997
Presenter, Meet the Professor Breakfast: "Chronic Cough in Children," (CME)
4. ACAAI Annual Meeting, Philadelphia, Pennsylvania, November, 1998
Moderator, 11th Annual Literature Review (CME)
5. AAAAI Annual Meeting, Orlando, Florida, February, 1999
Presenter, Middle East & Africa Workshop (CME)
6. ACAAI, Chicago, Illinois, November, 1999
Moderator, Tenth International Food Allergy Symposium (CME)
7. AAAAI Annual Meeting, San Diego, California, March, 2000
Presenter, Lunch Seminar: "Food Allergy: Cause of Upper Airways Symptoms" (CME)
8. AAAAI Annual Meeting, New Orleans, Louisiana, March, 2001
Presenter, Meet the Professor Breakfast Seminar: "Food Allergy: Cause of Upper Airways Symptoms" (CME)
9. AAAAI Annual Meeting, Denver, Colorado, March, 2003
Moderator, Seminar: "Eosinophilic Gastrointestinal Disorders: The New Epidemic" (CME)
10. ACAAI National Meeting, New Orleans, October, 2003
Moderator, International Food Allergy Symposium (CME)
11. AAAAI Annual Meeting, San Francisco, 2004
Presenter, Seminar: "Cross Reactivity of Food Allergens" (CME)
12. Dayton Children's Hospital, May, 2004
Presenter, Pediatric Grand Rounds: "Food Allergy: From Art to Science" (CME)
13. Virginia Allergy Society, Virginia Beach, Virginia, June, 2004
 - a. Presenter, Seminar: "Diagnosis of Food Allergy" (CEU)
 - b. Plenary Session: "Eosinophilic Esophagitis" (CME)
14. ACAAI Annual Meeting, Boston, MA, November, 2004
Moderator, Plenary Session: "Food Allergy: Prevention, Sensitization and Treatment- What Do We Do Now?" (CME)
15. AAAAI Annual Meeting, San Antonio, TX, March, 2005
 - a. Presenter, Seminar: "Cross Reactivity in Food Allergy- Clinical Relevance" (CME)
 - b. Presenter, Seminar: "Eosinophilic Esophagitis" (CME)
 - c. Panelist, Workshop: "Clinical Relevance of Food Cross-Reactivity" (CME)
16. AAAAI Annual Meeting, Miami, FL, March, 2006
 - a. Presenter, Seminar: "Eosinophilic Esophagitis" (CME)
 - b. Presenter: "Pro/Con Debate Eosinophilic Esophagitis: An Epidemic or An Over-Diagnosis" (CME)
 - c. Presenter: "Pro/Con Debate: In Vitro Testing Obviates the Need for in Vivo Testing in Food Allergy Skin Testing is All We Need" (CME)
 - d. Moderator: "Complex Gastrointestinal Food Allergy: Managing the Mystery" (CME)
17. American Academy of Pediatrics (AAP) National Exhibition, Atlanta, GA, October, 2006
Allergy Section Symposium Presenter, "Hypereosinophilic Syndromes in Children" (CME)
18. New England Allergy Society, Mystique, CT, October, 2007
Plenary Speaker: "Eosinophilic Syndromes," (CME)
19. ACAAI Annual Meeting and Food Allergy and Anaphylaxis Network /ACAAI conference,

- Dallas, TX, November, 2007 (CME)
- a. Plenary Speaker: “Eosinophilic Syndromes in Children”
 - b. Workshop Presenter: “Food Allergy for School Nurses”
20. AAAAI Annual Meeting, Philadelphia, 2008
Seminar Presenter: “Failure to Thrive and Immunologic Causes” (CME)
 21. AAAAI Annual Meeting and TIGERS, Philadelphia, PA, 2008
 - a. Moderator: “Food Allergy: Bench to Bedside and Back” (CME)
 - b. TIGERS: Discussant, “Allergy and Eosinophilic Esophagitis” (CME)
 22. North East Allergy Society, Naples, FL, May, 2008
Plenary Session Speaker: “Eosinophilic Esophagitis” (CME)
 23. Virginia Allergy Society, Virginia Beach, VA, June, 2008
 - a. Plenary Session Speaker: “Food Allergies”
 - b. Workshop Presenter: “Food Allergies: Hands On” (CME)
 24. Cincinnati Children’s Hospital Dysphagia Conference, September, 2008
Plenary Speaker: “Allergies...Testing and Impact on Feeding” (CME)
 25. Cincinnati Children’s Hospital Pediatric Updates, Cincinnati, OH, October, 2008
Workshop Presenter: “Food Allergies” (CME)
 26. AAP National Conference and Exhibition, Boston, MA, October, 2008
Presenter Selected Short Subjects: “Is It Really GERD?” (CME)
 27. ACAAI Annual Meeting, Seattle, WA, November, 2008
Plenary Session Speaker: “Patch Test for Foods: Pro/Con Debate” (CME)
 28. AAAAI Annual Meeting – Washington, DC, March, 2009
 - a. Seminar: “Natural History of Eosinophilic Esophagitis” (CME)
 - b. Session Organizer and Moderator: “Food Allergy: Bench to Bedside” (CME)
 29. New York Allergy Society, May, 2009
Presenter: “To Patch or Not to Patch for Foods: That’s the Question”
 30. ACAAI Annual Meeting – Miami, FL, and XIII International Food Allergy Symposium, November, 2009
 - a. Plenary Presenter: “Allergic Gastrointestinal Diseases” (CME)
 - b. Workshop Presenter: “Food Allergy Prevention and Treatment” (CME)
 31. Cardinal Glennon St. Louis University and ACAAI, Visiting Professorship in Allergy & Immunology, St. Louis, MO, January, 2010
 - a. Pediatric Grand Rounds: “Eosinophilic Esophagitis” (CME)
 - b. Divisional Research Conference
 32. AAAAI Annual Meeting – New Orleans, LA, February, 2010
 - a. Moderator and Session Designer: From FITs to Faculty: Meet Your Future Breakfast: Networking with Prominent A/I Professors and Researchers
 - b. Presenter: “Tales from Academia: How Research is Conceived, Born and Raised?”
 - c. Plenary Seminar Presenter: “Established and Novel Treatments for Eosinophilic Esophagitis in Children and Adults: The Road to Resolution” (CME)
 - d. Pro-con-debate Presenter: “Double-Blind Placebo Controlled Oral Food Challenges Should Be Done in the Office: The Challenger (pro)” (CME)
 33. Louisiana Allergy Society, New Orleans, LA, June, 2010
Plenary Session Speaker: “Eosinophilic Gastrointestinal Disorders: Strategies for Diagnosis and Management” (CME)
 34. ACAAI Annual Meeting, Phoenix, AZ, November, 2010
 - a. Plenary Presenter: Update on Eosinophilic Gastrointestinal Diseases (CME)
 - b. Plenary Moderator: “Dancing with the Allergy Stars: Pro-con-debate” (CME)
 - c. Meet the Professor: “Eosinophilic Gastrointestinal Disorders” (CME)
 - d. Workshop: “Eosinophilic Gastrointestinal Disorders” (CME)
 35. AAAAI/TIGERS Annual Meeting: San Francisco, CA, March, 2011 (CME)

- Plenary Moderator: “Management of Eosinophilic Esophagitis”
36. Ohio Allergy Society, Columbus, Ohio, May, 2011 (CME)
 - a. Plenary Speaker: “Eosinophilic Esophagitis: An Update”
 - b. Plenary speaker: “Food Allergy Guidelines: What Is In It For Me?”
 37. A/I Program Director’s Assembly, Chicago, Illinois, January, 2012
 - a. Plenary Session: Update on ERAS and NRMP
 - b. Workshop: Resident survey questions, “Where Do They Come From”
 38. AAAAI Annual Meeting, Orlando, Florida, February, 2012
Meet-The-Professor Breakfast, Case-based Learning: “An Unknown Case of Food Allergy” (CME)
 39. Tennessee Allergy Society, Nashville, Tennessee, July, 2012 (CME)
Plenary Speaker: “Hands on Management of Eosinophilic Disorders”
 40. National Dysphagia Conference Cincinnati Children’s Hospital, October, 2012
“Food Allergy Guidelines: What Is In It For Me?”
 41. ACAAI Annual Meeting and International Food Allergy Symposium, Anaheim, California, November, 2012 (CME)
 - a. Plenary Speaker: “Natural History of Food Allergy”
 - b. Meet the Professor Symposium: “Eosinophilic Gastrointestinal Disease”
 - c. World Allergy Organization (WAO) Symposium: “Eosinophilic Disorders, Eosinophilic Esophagitis: Current Insights”
 - d. Workshop Presenter: “Food Allergy, What’s New”
 42. Genesys Congdon Lecture Series - Pediatrics: Flint, Michigan, July, 2013
“Food Allergy, What’s In It for me?” (CME)
 43. Toledo Pediatric Society, Toledo, OH, September, 2013
“Food Allergy, What’s New?” (CME)
 44. Louisiana State University, Shreveport, LA, October, 2013
The Donald Fournier Lectureship and Visiting Professor: Hot Topics in Food Allergy (CME)
 45. ACAAI Annual Meeting: Baltimore, Maryland, November, 2013 (CME)
 - a. Plenary Speaker: “Exciting Timely Issues in Food Allergy – Can Food Allergy Be Prevented”
 - b. Food Allergies: “What’s New: Eosinophilic Gastrointestinal Disease”
 46. AAAAI Annual Meeting: San Diego, CA, March, 2014 (CME)
Workshop: “Allergic Inflammation: New Advances in Chemokines and Cell Signaling,”
“Eosinophilic Esophagitis: The Role of Eotaxins and Other Chemokines”
 47. California Allergy Society: Midsummer’s Night Wheeze, San Francisco, CA, July, 2014 (CME)
 - a. “Food Allergy & Intolerance – Challenge Test & Induction of Tolerance”
 - b. “Eosinophilic Esophagitis Adult and Children”
 48. ACAAI Annual Meeting, Atlanta, Georgia, November, 2014 (CME)
 - a. Meet the Professor: “Eosinophilic Disorders”
 - b. Workshop: “Food Allergy Prevention, Diagnosis and Management”
 49. A/I Program Director’s Assembly, Chicago, Illinois, January, 2015
Presenter: ERAS/NRMP Task Force Update
 50. Kaiser Permanente Symposium, September, 2015 (CME)
 - a. “Can We Prevent Food Allergies? The Debate”
 - b. “Non- IgE Mediated Food Allergies”
 51. North East Pediatric Allergy and Immunology Update, Akron Children’s Hospital, Akron, Ohio, October, 2015 (CME)
 - a. Pediatric Grand Rounds Asthma: “Admission, Discharge and Everything in Between”
 - b. Plenary Session: “Food Allergy: Prohibition to Permission”
 52. ACAAI and International Food Allergy Symposium, San Antonio, TX, November, 2015
 - a. Plenary Speaker: “Diagnostic Tests for Food Allergy”

- b. Plenary Speaker: The Great Raft Debate: Hot Topics in Eosinophilic Esophagitis, Etiology and Pathogenesis (winner of the debate among 4 presenters)
- 53. World Allergy Symposium on Allergy and the Microbiome, Miami, FL, December, 2015
Symposium: “Eosinophilic Esophagitis”
- 54. AAAAI Annual Meeting, Los Angeles, CA, March 2016
Symposium: Biologics in Eosinophilic Esophagitis
- 55. American College of Allergy Asthma and Immunology National Meeting 2016 (CME)
 - a. Pro-Con Debate
The LEAP Study Results Should Be Applied to Foods Other Than Peanut: Con, Katrina Allen, MD, PHD: Pro
 - b. Plenary session organizer and moderator:
Speakers Katrina Allen (Australia), Kirsten Beyers, (Germany) and Alkis Togias (NIH):
Life and Diet for Infants After LEAP
 - c. Workshop presenter: Diagnostic Testing for Food Allergy: Old and New, delivered a 2-hour workshop
 - d. Meet the Professor Breakfast presenter: Assessment of Food-specific Quality of Life in Patients with Food Allergies
- 56. Southeastern Allergy Society, Destin, FL Sep 2016 (CME)
Eosinophilic Esophagitis
- 57. Winthrop Allergy Grand Rounds, New York, NY, Oct 2016 (CME)
Eosinophilic Esophagitis
- 58. Michigan Medical Society Yearly Meeting, Detroit, MI, Oct 2016 (CME)
LEAP, LEAP-on and EAT

International Activities/Conferences:

1. First National Congress of Pediatric Respiratory Tract Diseases, Istanbul, Turkey, May 10-12, 2000
Invited speaker: “Food Allergy”
2. Second National Congress of Pediatric Respiratory Tract Diseases, Istanbul, Turkey, May, 2002
Invited Speaker: “Eosinophilic Gastrointestinal Disorders” and “Congenital Immunodeficiencies”
3. Al-Azhar University Medical School, El Hussein University Hospital and The Allergy and Immunology Center, Cairo, Egypt, August, 2004
Visiting Professor and Invited Speaker: “Food allergy” and “Primary Immunodeficiencies”, Egyptian National Television, Medical Commentator, “Good Morning Cairo”, August, 2004
4. International Eosinophil Society Meeting, Bern, Switzerland, May, 2005
Invited Speaker: “Novel Immunomodulators in Hypereosinophilic Syndromes”
5. Food Allergy Symposium, Monterrey, Mexico, June, 2006
Invited Speaker: Plenary Session: “Cross Reactivity of Food Allergens” and “Eosinophilic Gastrointestinal Disorders” (Mexican CME)
6. LXI Congreso Nacional de Inmunologia Clinica y Alergia, Cancun, Mexico, July, 2007
Invited Speaker:
 - a. Plenary Session “Reacciones Cruzadas: Bases Moleculares y Relevancia Clinica” (Mexican CME)
 - b. Workshop: “Manifestaciones Gastrointestinales de la Alergia a Alimentos” (Mexican CME)
7. Visiting Professor, Shanghai Children’s Hospital, Children’s Hospital of Fudan University, Peking Union Hospital, Hospitals in Liuzhou, Guilin, Chengdu, Chongqing and Guangzhou, China, September, 2007
8. Visiting Professor, Medical School, Ain Shams University, Cairo, Egypt, December, 2007
Presentations to university faculty, trainees and students:

- a. “Cow Milk Allergy: From Art to Science”
- b. “A Practical Approach to the Diagnosis and Management of Immunodeficiencies”
- c. The New Asthma Guidelines
9. World Allergy Organization, International Food Symposium Bangkok, Thailand, December, 2007
Plenary Speaker: “Eosinophilic Disorders”
10. Egyptian Society of Pediatric Allergy and Immunology (ESPAI) – Giza, Egypt, February 18-19, 2008
Plenary Speaker: “Oral Food Challenges”
11. XXVIII EAACI Congress - European Allergy Conference – Warszawa, June, 2009
Plenary Speaker: “Eosinophilic Gastrointestinal Disorders in Children” (European CME)
12. European Allergy Asthma and Clinical Immunology (EAACI) Pediatric Allergy & Asthma Meeting – Venice, Italy, November 12-14, 2009
Plenary Speaker: “Eosinophilic Esophagitis: An Emerging Problem” (European CME)
13. Arab Health Conference, Pediatric Conference, Dubai, January, 2010
“Recurrent Pneumonia, a Systematic Approach”
“Abdominal Pain”
14. The 2nd Milan International Meeting, Adverse Reactions to Bovine Proteins, Milan, Italy, February, 2010
Plenary Speaker: “Adverse Reactions to Bovine Proteins” (European CME)
Plenary Speaker: “Non-IgE Mediated Food Allergy to Cow Milk: Formulating a Treatment” (European CME)
15. Congreso Nacional de Alergia e Inmunología Clínica Pediátrica, Monterrey, Julio, 2010
 - a. Plenary Speaker: “Diagnóstico y Tratamiento de las Enfermedades Eosinofílicas Gastrointestinales,” (Mexican CME)
 - b. Plenary Speaker: “IL-5 y Eotaxina-3 en Esofagitis Eosinofílica y Alergia a Alimentos” (Mexican CME)
16. World Allergy Organization, Cancun, Mexico, December, 2011
 - a. Symposium: American College of Allergy, Asthma and Immunology: “When Food Allergies Are Unusual, Unexpected, and Potentially Fatal: Atypical Manifestations of Food Allergy”
 - b. Breakfast Symposium: “Milk Induced Disorders”
 - c. Symposium: “Genetically Modified Foods: Are They a Problem? A Pro-con Debate”
17. First Israeli Food Allergy Meeting: Infant Feeding, Tel Aviv, Israel, January, 2012
Plenary Speaker: “Endocrine Effects of Infant Feeding”
18. Cow Milk Allergy, “Not Everyone’s Cup of Tea”, Milan, Italy, February, 2012
Plenary Speaker: “Unusual Manifestations of Cow Milk Allergy” (European CME)
19. XIX Congreso Nacional del Colegio Mexicano de Pediatras Especialistas en Inmunología Clínica y Alergia, Chiappas, Mexico
 - a. Plenary Speaker: Food Allergy Guidelines
 - b. Plenary Speaker: Eosinophilic Esophagitis
20. Allergists for Israel, Jerusalem, November, 2012
Plenary Speaker: Food Allergy Guidelines (Delivered through a recorded presentation)
21. World Allergy Organization WISC, Hyderabad, India, December, 2012
 - a. Symposium: Life Altering Food Allergies
 - b. Symposium: Eosinophilic Gastrointestinal Disorders
22. Academy of Pediatric Allergy and Asthma Association Tenth International Congress Izmir, Turkey, April 2013
 - a. Barrier Function in Atopic Dermatitis
 - b. Gastrointestinal Eosinophilic Disorders
23. Monterrey Allergy Society, Monterrey, Mexico, October, 2013

- Food Allergy Diagnosis and Management
24. World Allergy Organization, WISC, Rio de Janeiro, Brazil, December, 2014
Chair, Food Allergy Abstract sesión
 25. World Allergy Organization Evidence Based Medicine: “Prevention and Management of Pediatric Allergy.” Mitto O Realita, Rome, January, 2015-
NAID and EAACI Guidelines
 26. Congress of Academy of Pediatric Allergy and Asthma, Istanbul, Turkey, April, 2015
 - a. Food Related Eosinophilic Disorders
 - b. Natural History of Food Allergy: Can We Change It?
 27. World Allergy Organization 3rd Middle East - Asia Allergy Asthma Immunology Congress (MEAAAIC 2015), Dubai, December, 2015
 - a. Workshop: Food Allergy in Children:
 1. Diagnostics
 2. Prevention
 - b. Symposium: Update on Eosinophilic Esophagitis
 28. Egyptian Society for Allergy and Immunology 51st Congress, Alexandria, Egypt, February 2016 (AAAAI Delegate)
 - a. Food Allergy around the World
 - b. Eosinophilic esophagitis
 29. Egyptian Society for Allergy and Immunology 52nd Congress, Alexandria, Egypt, February 2017
 - a. Eosinophilic esophagitis: Use of Biologics
 - b. Hereditary Angioedema in Children

Editorial Boards and reviews:

Reviewer, Journal of Pediatrics, July 1995-
 Reviewer, Journal of Allergy and Clinical Immunology, January, 1998-
 Reviewer, Annals of Allergy, Asthma and Immunology, January, 2000-
 Reviewer, Journal of Pediatric Hematology/Oncology, December, 2002
 Reviewer, Allergy, 2008
 Reviewer, Clinical and Molecular Allergy, 2008
 Reviewer, Immunological Investigation, 2008
 Grant Reviewer, Biology and Medicine, Austrian Science Fund, 2008
 Reviewer, Journal of American Medical Association, 2011-
 Member, Editorial Board, Annals of Allergy, Asthma and Immunology, 2012-2016

Editor:

Guest Editor, Pediatric Annals, Pediatric Allergy, Asthma and Immunology, April, 2011
Guest Editor, Pediatric Annals, Pediatric Allergy, Asthma and Immunology, August, 2014
Guest Editor, Annals of Allergy, Asthma and Immunology, May 2016
Guest Editor, Clinical Reviews in Allergy and Immunology, July 2017

Department recruiting activities:

Direct the selection and interview process for fellowship applicants for the A/I fellowship program, 1996-2012
 Participate in the interview and selection of fellowship candidates for the A/I fellowship program, 2013-
 Participate in the interview and selection of faculty candidates for the Division of Allergy and Immunology and for Dermatology.
 Participate in interviews for resident applicants for the pediatric residency program

Community Activities:

Attending physician, Camp Superkids (summer camp for asthmatic children), Co-sponsored by Children's Hospital Medical Center and the American Lung Association of Ohio, Southwestern Branch, 1993- 2011.

Lecturer, Emergency Department of Brown County General Hospital, "Management of Childhood Asthma in the Acute Care Setting." Georgetown, Ohio, May, 1993.

Lecturer, Tri-County Area Families of Children with Asthma, American Lung Association of Ohio, Southwestern Branch. "A Family Approach to the Child with Asthma." May, 1994.

Lecturer, Family Asthma Management Program, American Lung Association of Ohio, Southwestern Branch, Fairfield, Ohio, January, 1995.

Medical advisor and member of the executive board of the Food Allergy Awareness, Support and Training (FAAST), Cincinnati, Ohio 1996-present.

Presenter, CHMC Junior Cooperative Society. "The Role of the Allergy Division," March, 1998.

Lecturer: Allergy section CME program: "Sneezing, Wheezing and Bees: Food Allergy," CHMC Outpatient North, Cincinnati, Ohio, May, 2000 (CME).

Lecturer, FAAST: Food Allergy and Anaphylaxis Research in Cincinnati and Beyond, January, 2001.

Lecturer, FAAST: Food Allergy Research: updates, February 2004, January 2005, January 2006, April 2007, January 2009

Guest speaker on allergies and asthma, Your Child's Health, WVXU radio program, Cincinnati, Ohio, June, 2004.

Cincinnati Allergy and Asthma Society, Secretary/Treasurer, 2004-06, President, 2007-09, Past-President, 2009-2011. In this role, I promoted the specialty in the community and arranged CME talks by national speakers for the members.

Teaching and Mentoring:

Medical Students, Residents and Fellows:

Medical students:

- Lecturer, University of Cincinnati Medical Student Pediatric Clerkship, "Primary Immunodeficiency". Presented every six weeks. July 1995- 99
- Medical student ward attending: September 1998, April 1999, January 2000, May 2000, July 2000, July 2001, July 2002, August 2003, August 2005
- Preceptor for medical students on allergy electives: October 2001, August 2002 and 2004, 3 medical students from outside medical schools spent a 4-week elective with me in allergy and immunology clinics.
- Medical student didactic sessions: October 2001, October 2002, September 2003, October 2004, September 2005, October 2006, October 2007, August 2008: Responsibilities towards four to eight medical students include: twice a week one hour didactic session and case discussions, review and discussion of written history and physical examination, bed-side attendance of a

complete history and physical examination, with feedback and discussion, attendance of medical student oral presentation, written evaluations and discussion of evaluations and participation in grading sessions

- Medical student advisor: Kim Truong, UC College of Medicine, 8/2010- 6/2014
Shadowing Experience: Jennifer Sun, UC College of Medicine, 8/2012- 6/2016
Nour Aly, UC College of Medicine, 8/2012- 6/2016
Medical Student Lectureship:
Immunodeficiencies, cases and questions, April 2013, 2014, 2016

Residents:

Allergy/Immunology elective:

Preceptor for pediatric residents during elective rotations on the allergy and clinical immunology service.

July 1995 - June 2000	58 pediatric residents and 3 family practice residents
July 2000 - June 2001	6 pediatric and internal medicine/pediatric residents
July 2001 - June 2002	7 pediatric and internal medicine/pediatric residents
July 2002 - June 2003	10 pediatric and internal medicine/pediatric residents
July 2003 - June 2004	10 pediatric and internal medicine/pediatric residents
July 2004 - June 2005	13 pediatric and internal medicine/pediatric residents
July 2005 - June 2006	13 pediatric and internal medicine/pediatric residents
July 2006 - June 2007	14 pediatric and internal medicine/pediatric residents
July 2007 - June 2008	15 pediatric and internal medicine/pediatric residents
July 2008 - June 2009	16 pediatric and internal medicine/pediatric residents
July 2009 - June 2010	15 pediatric and internal medicine/pediatric residents
July 2010 - June 2011	19 pediatric and internal medicine/pediatric residents
July 2011 - June 2012	15 pediatric and internal medicine/pediatric residents
July 2012 - June 2013	8 pediatric and internal medicine/pediatric residents
July 2013 - June 2014	8 pediatric and internal medicine/pediatric residents
July 2014- Present	12 pediatric and internal medicine/pediatric residents

I precept each resident for 2-4 weeks elective. Residents are CCHMC residents or from outside institutions: Dayton's and Columbus Children's, University of Missouri, University of Iowa, University of Michigan, Meharry Medical College, Atlanta, GA, University of Kansas, Kansas City, Akron Children's and other residency programs. Residents attend three half-day allergy/immunology outpatient clinics a week and daily hospital rounds on inpatients and consultations. I give them individualized didactic lectures, and have them participate in teaching sessions with the allergy/immunology fellows. Residents with interest in a career in allergy and immunology are assigned research activities which resulted in multiple poster presentations in national meetings and in publications in peer reviewed journals.

Resident Specialty Clinic:

1998-2003, second and third year pediatric residents chose a subspecialty physician as a preceptor for a second continuity clinic. Eight pediatric residents chose me as their preceptor and spent a total of 25 months each with me attending one afternoon a week in the CHMC or the Group Health Associates (GHA) outpatient Allergy/Immunology clinics.

Outpatient clinics:

I precept pediatric and internal medicine/pediatric residents and medical students, who are on their month of outpatient rotation and who are assigned to the allergy/immunology outpatient clinics, 1996-

Pediatric in-patient service:

I attend on the pediatric in-service for one month per year. Attending duties are in-patient rounds and bedside teaching, review of laboratory and radiological evaluations of patients, discussion of patient treatment. Teaching duties include didactic sessions with the pediatric residents and review and critique of their medical presentations and notes. At the conclusion of the rotation I meet with each resident to give a formal evaluation of performance and career mentoring.

Green Team	September, 1999
Purple Team	April, 1999
Purple Team	January, 2000
Purple Team	May, 2000
Green Team	July, 2000
Green Team	July, 2001
Green Team	July, 2002
Blue Team	August, 2003
Purple Team	August 2005

Activity stopped due to inpatient service being covered by hospitalists

Resident Advisor:

Joyce Sharp, MD, PGY1-2, 2002-04
Daphne Hosinskie, MD, PGY1-2, 2003-04
Talia Monteverde, MD, PGY1, 2007- 2010
Jennifer Porter, MD, PGY 1 2010-2013

Fellows:

Director, University of Cincinnati Allergy/Immunology fellowship program, July 1995-August 2012:

The program received full accreditation for 5 years by the ACGME on 10/2000 and on 10/2005, and 2 year accreditation on 10/2011.

I graduated 57 fellows in allergy and immunology and 1 fellow combined allergy/immunology and pediatric Pulmonology

Responsibilities included: teaching fellows on the pediatric track through one year of clinical allergy and immunology and fellows on the adult track during their cross-training on the pediatric track, supervising the fellows on the inpatient and the consultation service and in outpatient clinics; organizing and conducting four one hour teaching conferences and journal clubs weekly; supervising the fellows clinical research projects, preparing documents for review of the fellowship program by the ACGME and mentoring fellows in academic activities and career choices and applications for intra- and extra-mural funding.

In-patient allergy/immunology attending:

Teaching of the residents and the A/I fellows occurs mostly during bed-side evaluations of patients on the in-patient allergy/immunology service or patients seen in consultation. I attended on the

allergy/immunology service for five to six months per year till 2010. Currently, I attend for 6-8 weeks per year. I teach the residents and fellows the medical basis and the clinical practice of allergy/immunology as applied to patient care. The teaching encompasses asthma, food allergy, drug allergy, eosinophilia, immunodeficiencies, and many other topics. The teaching includes identifying cases for presentations and discussions and further research and publication in allergy/immunology national meetings and peer reviewed journals.

International trainees:

Adriana Vidal Schmidt, MD, Brazil, three months rotation, 1997, two weeks rotation, 1998
El Desouki Foda, MD, Professor, Cairo, Egypt, two weeks rotation, 1998
Mehtap Yazicioglu, MD, Turkey, three months rotation, 2000, two weeks rotation, 2001
Ulker Ones, MD, Professor, Istanbul, Turkey, one week rotation, 2001
Nermin Guler, MD, Professor, Istanbul, Turkey, one week rotation, 2001
Mirjana Turkalj, MD, M.Sc, Ph D, Zagreb, Croatia, three months rotation, 2002
Anastasio Tassos, MD, Cypress, Amideast fellow, three weeks, 2002
Srdjan Banac, MD, University Hospital, Rijeka, Croatia, four weeks, 2004
Nahla Heshmat, MD, Ain Shams Medical School, Cairo, Egypt, six months, 2006-7
Jihong Dai, MD (Daniel), Bang Bao scholar, China, March-Dec, 2006
Irina Bezruk, MD, Khazakhstan, a medical exchange program by Grace Anatomy, and Project Sunshine, one week, November, 2006.
Suzan Khater, MD, Mcmaster University, Canada, July-August, 2007
Marisol Trevino, MD, Monterray, Mexico, April-December, 2008
Zhihong wen, MD, China, April 2008-April, 2009
Vanthanee Apiwattanasawee, Thailand, March-April, 2009,
Yan Hu, MD, China, May 2009- May 2010
Michael Abuelyazeed, MD, Egypt, February-May, 2011
Omar Sausedo, MD, Mexico, July-December, 2011
Lorena Nunes, MD, Brazil, April 2012
Shireen Othman Mreish, United Arab Emerates, March, 2014
Ahmed Ackcay, Turkey, Aug-Sept, 2014
Hadeel Mourad, Egypt, Aug-Sept, 2016
Nianrong Wang, China, Sept-Nov 2016
Somboon Chansakulporn, MD, Thailand, Aug 2017- July 2018

Lectures, Grand Rounds and CME Courses (National and international CME listed above):

1. "Measles, a Pediatric Disease in an Adult Population." Combined Medicine/Pediatrics Grand Rounds, Hurley Medical Center, Flint, Michigan, August, 1990. (CME)
2. "Food for Thought." Pulmonary Conference, Children's Hospital Medical Center, Cincinnati, Ohio, March, 1993.
3. "Alternative Therapy in Steroid Resistant Asthma." Pulmonary Conference, Children's Hospital Medical Center, Cincinnati, Ohio, March, 1994.
4. "Asthma, What We Know, and What We Need to Know." Pulmonary Conference, Children's Hospital Medical Center, Cincinnati, Ohio, July, 1995.
5. "Outpatient Management of Pediatric Asthma." Discussant, Pediatric Professor Rounds, Children's Hospital Medical Center, Cincinnati, Ohio, August, 1995
6. "Pediatric Asthma Management." Lecture, National Association of Pediatric Nurse Associates and Practitioners, Ohio Chapter, Anatomy of the Child. Centerville, Ohio, September, 1995.
7. "Allergies and Food Intolerance." Lecture, given yearly, University Affiliated Cincinnati Center for Developmental Disorders. October, 1995-1996, November 1997- 2001.

8. "Food Intolerance." Pediatric Residents Lecture Series, CHMC, November, 1995.
9. "Natural Killer Cell Deficiency." Pediatric Firms, CHMC, March, 1996.
10. "Leukotriene Antagonists in Asthma." Pulmonary Conference, CHMC, March, 1996.
11. "Food Allergy." Pediatric Grand Rounds, CHMC, June, 1996. (CME)
12. "Outpatient Management of Asthma." Pediatric Residents Lecture Series, CHMC, December, 1996.
13. "IL-1 Receptor Antagonist in Asthma." University of Cincinnati Division of Immunology Journal Club, Cincinnati, Ohio, July, 1996.
14. "A Case of Pediatric HIV." Allergy/Immunology Division Meeting, CHMC, October, 1996.
15. "Allergic Rhinitis." Moderator, Pediatric Professor Rounds, CHMC, May, 1997.
16. "Role of Allergen Immunotherapy in Asthma." Discussant, Pediatrics Journal Club, CHMC, May, 1997.
17. "Antigen Processing and Presentation" University of Cincinnati Division of Immunology Journal Club, Cincinnati, Ohio, June, 1997.
18. "Itchy Rashes of Pregnancy." Allergy/Immunology Division Meeting, CHMC, August, 1997.
19. "Idiopathic Anaphylaxis." Allergy/Immunology Division Meeting, CHMC, December, 1997.
20. "Fas Ligand Deficiency." University of Cincinnati Division of Immunology Journal Club, Cincinnati, Ohio, December, 1997.
21. "Common Variable Immunodeficiency." University of Cincinnati Division of Immunology Journal Club, Cincinnati, Ohio, March, 1998.
22. Case discussions in primary immunodeficiencies. Pediatric Residents Lecture Series, CHMC, March, 1998.
23. "The Role of the CD40 Ligand in Liver Disease in Patients with Hyper IgM Syndrome." University of Cincinnati Division of Immunology Journal Club, Cincinnati, Ohio, September, 1998.
24. "Asthma, Something Old, Something New, Nothing Blue." Pediatric Grand Rounds, CHMC, October, 1998. (CME)
25. "Food Allergy." Ohio Department of Health, Bureau of Children with Medical Handicaps Conference: "1999 More than Nutrition: A Second Helping," Dayton, Ohio, March, 1999 (CME)
26. "Food Allergy and Constipation." Discussant, Pediatric Resident Journal Club, CHMC, April, 1999.
27. "Pediatric Allergy." University of Cincinnati Family Practice Resident's Physician Seminars, Cincinnati, Ohio, August, 1999.
28. "Senior Rounds." Discussant, CHMC, February and October 1999, April and July 2000, March 2001, October 2002, April and May 2003.
29. "Food Allergy: Nutritional Course." Division of Gastroenterology, CHMC, April, 2000.
30. "Anaphylaxis." Pediatric Resident Conference, CHMC, April, 2000.
31. "Peanuts and Tree Nut Allergy: New Answers to Old Questions." Workshop, Pediatrics in the Pines, Nemaquin Resort, Pennsylvania, August, 2001. (CME)
32. "Diagnosis and Management of Asthma in the Primary Care Office." Workshop, Pediatrics in the Pines, Nemaquin Resort, Pennsylvania, August, 2001. (CME)
33. "Hidden Food Allergies and Eosinophilic Disorders." Video Conference of the American Partnership for Eosinophilic Disorders (APFED) and Kids Infiltrated with Eosinophilic Enteritis (KIWEE) (UK), February, 2002.
34. "Food Allergy and Eosinophilic Gastro-intestinal Diseases: The Hidden Link." First National Conference of the American Partnership for Eosinophilic Disorders (APFED), Cincinnati, Ohio, August, 2002.
35. Food Allergy: A three-course workshop, "Building on the Past...Building for the Future", Cincinnati Children's Hospital conference, Cincinnati, Ohio, September, 2002. (CME)
36. "Food Allergy in Hospitalized Patients: Risk Management." Pediatric Resident Noon Conference, CCHMC, November, 2002.

37. "Food Allergy Awareness." Cincinnati Children's Hospital Nursing Educational Council Series, May, 2003. (CEU)
38. "Pediatric Allergic and Immunologic Disorders," "Nutrition For Children With Special Health Care Needs In Managed Care Highlighting Obesity/Treatment," and "An Interdisciplinary Nutrition Short Course (National conference)." CCHMC, September, 2003. (CEU)
39. "Food Allergy." Pediatric Resident Noon Conference, CCHMC, December, 2003.
40. "Anaphylaxis." Morning Report, May 2004. (Received Golden Spoon Teaching Award)
41. "Food Allergy: From Art to Science." Pediatric Grand Rounds, CCHMC, May, 2004. (CME)
42. "Hypereosinophilic Syndromes." Morning Report, April 2005. (Received Golden Spoon Teaching Award)
43. "Food Allergy: Cases and questions." Pediatric Grand Rounds, CCHMC, May, 2007. (CME)
44. "Food Allergies..Testing." Gastroenterology Lecture Series, Division of Gastroenterology, Hepatology and Nutrition, Cincinnati, Ohio, September, 2008.
45. "Neutrophil Oxidative Burst: The Cheer Leader and the Football Player." Pediatric Grand Rounds, Clinico-Pathological Conference (CPC) Cincinnati Children's Hospital, Cincinnati, Ohio, February, 2009. (CME)
46. Ghory Lecturer, "Food Allergy Guidelines: What If I Was There?" Pediatric Grand Rounds, CCHMC, November, 2011. (CME)
47. "Chronic Granulomatous Disease: Can the Football Player Help the Cheerleader?" Cincinnati Allergy Society, September, 2015.

Master's, PhD, Junior Faculty and K Awards Committee Membership:

Master's thesis: Advisory committee for Steve Sutton, MD, master's thesis and molecular training in epidemiology in children's environmental health, University of Cincinnati, Cincinnati, OH, 2003-2006

Doctorate thesis: Advisory committee for Jay Gupta, MD, Division of Asthma research, University of Cincinnati, Cincinnati, OH, 2004-2007

K-23 advisory board member: Nielson Fernandez Becker, MD, Division of Allergy and Immunology, Stanford, CA, 2010-

Scientific Oversight Committee, Anil Mishra, PhD, Division of Allergy and Immunology, CCHMC, Cincinnati, OH, 2006-2011

Doctorate Thesis Advisor: Yehia Ahmed, Ain Shams University, 2017

Research and Scholarly Activities:

Grants and Contracts/ Clinical Trials:

A multi-center, double-blind, placebo-controlled, parallel group study to evaluate the safety and efficacy of oral twice- daily administration of SB 205312 in pediatric patients with mild to moderate asthma. (SmithKline Beecham Protocol No 205312/084) - PI 1996-97

A multi-center, open label, long term study of the safety, tolerability and efficacy of oral SB 205312 in pediatric patients with mild to moderate asthma. (SmithKline Beecham Protocol No 205312/087) – PI 1997-98.

A double-blind, placebo controlled group study to compare the onset of efficacy (effect on pulmonary function) of oral SB 205312 300 mg bid and inhaled *Vanceril* (84 mcg q.i.d.) in patients with mild to

moderate asthma. SmithKline Beecham Protocol No. 205312/074- PI 1997-98.

DBPC study to evaluate the effects of treatment of seasonal allergic rhinitis in subjects with co-morbid asthma and a history of seasonal exacerbations of asthma on medical resources utilization. (P97-293-0072). Schering-Plough- PI (CCHMC) 1998-99

Filipovich A, Assa'ad AH: A randomized, double-blind, multicenter, parallel group trial comparing the safety and efficacy of IGIV- chromatography, 10% (experimental) with IGIV-solvent detergent treated, 10% (Control) in patients with primary immune deficiency. (Bayer Corporation- Bay 41-1000). Co-PI (PI-Alexandra Filipovich, MD). 1999-2002

A safety and efficacy study of two dosage levels of Pulmicort respules (budesonide inhalation suspension, 0.5 or 1.0 mg/day) versus placebo in infants between the ages of six and twelve months with mild to moderate asthma. AstraZeneca LP, PI (GHA) 1997-2001

An observational study of the epidemiology and natural history of asthma: outcomes and treatment regimens (TENOR). Genentech, Inc, PI (CCHMC) 1999-2004

A randomized, 2-period, multicenter, double-blind, parallel-group study comparing the effects of 2 doses of montelukast granules and placebo in the treatment of respiratory symptoms associated with respiratory syncytial virus-induced bronchiolitis in children aged 6 to 18 months, Merck, PI (CHMC)- 2003-05

A multicenter, randomized, double-blind, placebo-controlled, parallel group phase III study to evaluate corticosteroids-reduction and –sparing effects of Mepolizumab 750 mg intravenous in subjects with hypereosinophilic syndromes (HES) and to evaluate the efficacy and safety of Mepolizumab in controlling the clinical signs and symptoms of HES over nine months. (MHE100185 GlaxoSmithKline) Co-PI (PI-Marc Rothenberg) – 2004-08

An open-label extension study to study 100185, to evaluate long-term safety, efficacy and optimal dosing frequency of 750 mg intravenous Mepolizumab in subjects with hypereosinophilic syndrome. (MHE100901 GlaxoSmithKline) Co-PI (PI-Marc Rothenberg) (CHMC IRB # 04-10-19) 2004-10

A Compassionate Use Open-Label Study of Anti IL-5(Mepolizumab) Treatment in Subjects with Hypereosinophilic Syndrome. (MHE104317 GlaxoSmithKline) Co-PI (PI- Marc Rothenberg, MD, PhD) 2004-

A phase II randomized, double-blind, parallel-group, placebo-controlled, oral food challenge trial of Xolair® (Omalizumab) in peanut allergy. Novartis/Genentech, PI- (CCHMC) 2004-05

A phase II multi-center blinded study of safety and efficacy of Mepolizumab 3 doses in pediatric patients with eosinophilic esophagitis. (MEE103219 GlaxoSmithKline) PI- (CCHMC) 2006-09

A phase III, randomized, double-blind, placebo controlled study to assess the efficacy and safety of Lebrikizumab in patients with uncontrolled asthma who are on inhaled corticosteroids and a second controller medication (VERSE study) (Genentech GB27864) PI- (CCHMC) 2012-13

A randomized, double-blind, placebo-controlled, parallel-group, multicenter study of mepolizumab adjunctive therapy to reduce steroid use in subjects with severe refractory asthma (GlaxoSmithKline MEA115575) PI- (CCHMC) 2012-13

A 16-Week, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Reslizumab (3.0 mg/kg) Treatment in Patients With Moderate to Severe Asthma, Phase 3 (Cephalon, then TEVA C38072/3084) PI- (CCHMC) 2012-14

A randomized, double-blind, double-dummy, placebo-controlled, parallel-group, multi-center study of the efficacy and safety of mepolizumab adjunctive therapy in subjects with severe uncontrolled refractory asthma. (GlaxoSmithKline MEA115588) PI- (CCHMC) 2013-14

A double-blind, placebo-controlled, randomized trial to study the Viaskin® peanut's efficacy and safety for treating peanut allergy in children and adults (VIPES Study) (DBV Technologies) PI (CCHMC) 2012-14

Oral desensitization to peanut in peanut-allergic children and adults using Characterized Peanut Allergen (CPNA) Oral Immunotherapy (OIT) Allergen Research Corporation (ARC 001), PI (CCHMC) 2013-15

A multi-centre, open-label, long-term safety study of mepolizumab in asthmatic subjects who participated in the MEA115588 or MEA115575 trials. (GlaxoSmithKline MEA115661), PI (CCHMC) 2013-14.

Open-label follow-up study of the VIPES study to evaluate long-term efficacy and safety of the Viaskin® peanut (OLFUS-VIPES STUDY) PI (CCHMC) 2013-2016

Oral desensitization to peanut in peanut-allergic children and adults using Characterized Peanut Allergen (CPNA) Peanut Oral Immunotherapy (OIT) safety follow-on study. Allergen Research Corporation (ARC002), PI (CCHMC) 2014-.

A 52-Week, Multicenter, Randomized, Double-Blind, Parallel Group, Placebo Controlled, Phase 3 Study to Evaluate the Efficacy and Safety of Tralokinumab in Adults and Adolescents with Asthma Inadequately Controlled on Inhaled Corticosteroid and Long-Acting B2-Agonist (STRATOS1) (Astra Zeneca D2210C00007) PI (CCHMC) 2015-16

Peanut allergy oral immunotherapy study of Ar101 for desensitization in children and adults (PALISADE), Aimmune, PI (CCHMC) 2016-

A Double-Blind, Placebo-Controlled, Randomized Phase III Pivotal Trial to Assess the Efficacy and Safety of Peanut Epicutaneous Immunotherapy with ViaSkin(R) Peanut in Peanut-Allergic Children (PEPITE study), DBV Technologies, PI (CCHMC) 2016-

A Phase I, Randomized, Placebo-Controlled Study to Evaluate Safety, Tolerability and Immune Response in Adults Allergic to Peanut after Receiving Intradermal or Intramuscular Administration of ASP0892 (ARA-LAMP-vax), a Single Multivalent Peanut (Ara h1, h2, h3) Lysosomal Associated Membrane Protein DNA Plasmid Vaccine-Matrix Peanut Vaccine- Astellas Pharma Global Development Inc (APGD) 2016-

Peanut Allergy Oral Immunotherapy Study of AR101 for Desensitization on Children and Adults (PALISADE) Follow-On Study-ARC004- Aimmune Therapeutics, 2017-

Open-label Follow-up Study of the PEPITES Study to Evaluate the Long-term Efficacy and Safety of Viaskin Peanut (PEOPLE Study)-DBV Technologies S.A., 2017-

Investigator initiated research and grants:

Assa'ad AH, Lierl MB. “Role of Oxygen Radicals in the Pathophysiology of Chronic Allergic Asthma in a Rabbit Model.” American College of Allergy and Immunology - Procter and Gamble Research Grant 1993-94. \$20,000.

Lepore MS, **Assa'ad, AH.** “The Effect of Specific Allergen Elimination Diets on the Severity of Asthma and the Bronchial Hyperresponsiveness in Children.” American College of Allergy, Asthma, and Immunology Research Grant 1996-97. \$20,000.

Eosinophils and Inflammation, Co-investigator (PI-Marc Rothenberg) 1996- (CHMC # 96-10-13).

Immunogenetics and Biomarkers of the Asthma Phenotype- Office of Translational Research, CCHMC, Cincinnati, Ohio, Co-PI (PI- Gurjit Khurana Hershey, MD, PhD) \$100,000 2001-02.

Retreat on Translational Research in Asthma: Office of Translational Research, CCHMC, Cincinnati, Ohio, 2001, PI- \$3,000.

Clinical and Immunological Evaluation of Eosinophil Associated Gastrointestinal Disorders (EGID), Co-PI (PI-Marc Rothenberg, MD, PhD) (CCHMC IRB # 2008-0098 01-3-15) 2001-13

A phase I/II study of the effect of Intravenous Anti-IL-5 (Mepolizumab) SB 240563 on the outcome and management of hypereosinophilic syndromes, Co-investigator (PI-Marc Rothenberg, MD, PhD) (CHMC IRB # 01-9-18) (IND # 10054) \$222,017- 2001-11

Generation of a DNA Database and EBV-transformed Cell Lines from Individuals with Atopic Diseases Co-PI (PI- Gurjit Khurana Hershey, MD, PhD) (CHMC IRB #2008-0538) 2002-12

Effect of swallowed fluticasone propionate on eosinophilic esophagitis; a prospective, randomized, placebo-controlled trial, Co-PI (PI-Marc Rothenberg) (CCHMC IRB #2008-0115 02-9-9) 2002-12

The Role of Infant Feeding in Childhood Allergy. Co-PI (PI- Ardythe Morrow) (CCHMC # 03-11-27) 2003-

Screening Protocol for Genetic Diseases of Lymphocyte Homeostasis and Programmed Cell Death, NIH/National Institute of Allergy and Infectious Diseases (NIAID) Co-PI (PI- Jack Bleesing) 2005-

Eosinophils and Inflammation, an Expanded Study, 2004- Co-investigator (PI-Marc Rothenberg) (CHMC # 04-13-08).

IL-9 and IgE Mediated Food Allergy. Food and Drug Reactions and Anaphylaxis, Dermatology and Drug Allergy (FADDA) Interest Section Grant, AAAAI, \$20,000. Co-PI (PI- Simon Hogan) 1-12/2007.

Treatment Adherence and Quality of Life in EGID (CCHMC IRB #: 2008-0782) Co-PI (PI Kevin Hommel, PhD) 2008-

Intestinal IL-9 and Mast Cells in Food-triggered Life-Threatening Anaphylaxis, Food Allergy and Anaphylaxis Network (FAAN) \$170,000 Co-PI (PI- Simon Hogan, PhD) 2009-2011.

Effect of Egg Allergy on Influenza Vaccination, PI and advisor to resident Co-PI Stephanie Logsdon, MD, 2009-2015

Myxomycete and fungal spores: unrecognized environmental allergens? Co-PI (PI- Michelle Lierl, MD)

(CCHMC IRB # 2009-0984) 2010-13

Hemodynamic Alterations during Food Allergy Reactions and Anaphylaxis, ARTrust Mini Grant, 2011, \$13,000 (PI).

Parental Reporting of Antigenic Food Introduction in Urban and Suburban Populations, PI and advisor to resident Co-PI Heather Beasley, MD, (CCHMC IRB# 2010-1609), 2011-2015

Pediatric Hereditary Angioneurotic Edema, PI and advisor to fellow Maya Nanda, MD and resident Shelby Ellenberg, MD, (CCHMC IRB# 2008-0756) 2013-15

Utility of microarrayed and individual component IgE analysis in the diagnosis of cow's milk, egg, and peanut allergy, Co-PI Advisor to fellow PI, Maya Nanda, MD (PI-Michelle Lierl, MD) -, (CCHMC IRB# 2012-0092) ThermoFischer Diagnostics \$20,000. 2013-

Detection of human IgG-mediated anaphylaxis, Co-PI (PI- Fred Finkelman, MD) 2013-

A phase II study- multi-oral immunotherapy in multi-food allergic patients to test tolerance (MTAX) CCHMC PI (Study PI- Kari Nadeau, MD, PhD) - (CCHMC IRB# 2014-2318) 2015-2016.

Factors Affecting Oral Food Challenge Outcomes in Children, PI and advisor to fellows Co-PIs, Andrew Dang, MD and Leilanie Perez, MD (CCHMC IRB #: 2015-4861) 2015-

Multicenter study of Racial Disparities in Food Allergy, (CCHMC IRB #: 2015-8984) 2016-

Food Allergy Management and Outcomes Related to White and African American Racial Differences (FORWARD). This is a multicenter grant with Northwestern (Chicago), Rush (Chicago), Children's National (Washington DC). R01 (CCHMC Center PI) (overall PI, Ruchi Gupta, MD, MPH) Reviewed, scored (7th percentile), funded.

COFAR (Consortium for Food Allergy Research)

A Breast Milk like Addition for Bottle Fed Infants for the Prevention of Food Allergy (the BABI study)- PI- Reviewed, scored, not funded

Educational Grants:

2004 AAAAI Clinical Fellowship in Allergy and Immunology- Program director (Funds for 2 year salary of Jennifer Bullock, MD, A/I fellow \$100,000).

National Research Service Award for fellowship in immunology and allergy, National Institute of Allergy and Infectious Diseases T32 AI60515-01, Co-PI (PI: David Bernstein, MD, co-PI, Amal Assa'ad, MD) - 2004-09 (Funds for 5 fellows salary, 2 years each fellow \$ 117,339) . Grant Renewed 2009-2014, (Funds for 2 fellows' salary per year, 2 years each fellow).

2005 American College of Allergy Asthma and Immunology Clinical Fellowship Award- (Funds for 1 year fellow salary \$50,000).

2008 Acorn Grant, American College of Allergy Asthma and Immunology Clinical Fellowship Award (Funds for 2 year fellow salary, \$100,000).

Clinical Grants:

Food Allergy Research Corporation (FARE) Center of Excellence in Food Allergy. PI- Grant includes support for director (myself) and a research coordinator. \$120K/year for five years.

Publications:

Peer reviewed papers:

1. Hagemann TL, **Assa'ad AH**, Kwan SP. "Mutation Analysis of the Gene Encoding Bruton Tyrosine Kinase in a Family with a Sporadic Case of X-linked Agammaglobulinemia Reveals Three Female Carriers." *American J Med Genetics*, 1995; 59:188-192.
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11. Noel RJ, Putnam PE, Collins MH, **Assa'ad AH**, Guajardo JR, Jameson SC, Rothenberg ME. "Clinical and Immunopathologic Effects of Swallowed Fluticasone for Eosinophilic Esophagitis." *Clin Gastroenterology Hepatology*, 2004; 2(7): 568-575.
12. Sutton SA, **Assa'ad AH**, Rothenberg ME. "Anti-IL-5 and Hypereosinophilic Syndromes." *Clin Immunol*, 2005; 115:51-60.
13. **Assa'ad, A**. "Detection of Causative Foods by Skin Prick and Atopy Patch Tests in Patients with Eosinophilic Esophagitis: Things Are Not What They Seem." *Ann Allergy Asthma Immunol*, 2005; 95 (4) 309-11.
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17. Fiocchi, A, **Assa'ad, A**, Bahna, S. "Food Allergy and the Introduction of Solid Foods to Infants: A Consensus Document." Adverse Reactions to Foods Committee, American College of Allergy, Asthma and Immunology. Reply to letter to the editor. *Ann Allergy Asthma Immunol* Annals of Allergy, Asthma and Immunology, 2006; 97(4): 561-562.
18. Stein, M.L., Collins, M. H., Villanueva, J. M., Kushner, J. P., Putnam, P. E., Buckmeier, B. K., Filipovich, A. H., **Assa'ad, A. H.**, Rothenberg, M. E. "Anti-IL-5 (Mepolizumab) Therapy for Eosinophilic Esophagitis." *J Allergy Clin Immunol*, 2006. **118**(6): p. 1312-9.
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22. **Assa'ad, A.** "Eosinophilic Esophagitis: Association with Allergic Disorders." *Gastrointest Endosc Clin N Am*, 2008. **18**(1): p. 119-32; x.
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62. Parental Timing of Allergenic Food Introduction in Urban and Suburban Populations
Hartman, H, Dodd, C, Rao, M, DeBlasio, D, Labowsky, C, D'Souza, S, Lenkauskas, S, Roeser, E, Heffernan, A, **Assa'ad, A** *Ann Allergy Asthma Immunol*, 2016; 117: 56-60
63. Assa'ad AH, Bahna S. Updating knowledge about food allergy: critical needs for the practicing clinician. *Ann Allergy Asthma Immunol*. 2016;117(5):451.
64. Logsdon S, Assa'ad A. What is new in food allergy diagnostics? A practice-based approach. *Ann Allergy Asthma Immunol*. 2016;117(5):462-464.
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66. Khorasanizadeh M, Eskian M, Assa'ad AH, Camargo CA, Jr., Rezaei N. Efficacy and Safety of Benralizumab, a Monoclonal Antibody against IL-5Ralpha, in Uncontrolled Eosinophilic Asthma. *Int Rev Immunol*. 2016;35(4):294-311.
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Acknowledged in Publications:

1. Rothenberg, M. E., A. D. Klion, F. E. Roufousse, J. E. Kahn, P. F. Weller, H. U. Simon, L. B. Schwartz, L. J. Rosenwasser, J. Ring, E. F. Griffin, A. E. Haig, P. I. Frewer, J. M. Parkin, and G. J. Gleich. For the **Mepolizumab HES Study Group** "Treatment of Patients with the Hypereosinophilic Syndrome with Mepolizumab." *N Engl J Med* 358, no. 12 (2008): 1215-28.
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Manuscripts in Preparation and under Review:

1. A Multicenter Randomized Clinical Trial of EPicutaneous ImmunoTherapy (EPIT) to treat Peanut Allergy. Sampson H.A., Agbotounou W.K., Thébault C., Ruban C., Martin L., Yang W.H., Sussman G.L., Brown- Whitehorn T.F., Nadeau K.C., Cheema A.S., Leonard S.A., Pongracic, J.A., Sauvage-Delebarre C., **Assa'ad A.H.**, De Blay F., Bird, J.A., Tilles S.A., Boralevi F., Bourrier T., Shreffler, W.G., Hébert J., Green T.D., Gerth van Wijk R., Knulst A.C., Kanny G., Schneider L.C., Kowalski M.L., Benhamou P.H., and Dupont C., submitted: *JAMA*

Book Chapters:

Amin RS and **Assa'ad AH**. "Anti-inflammatory Therapies for Chronic Lung Diseases in Children." *In Pediatric Lung*, Burkhäuser publishing LTD, Robert Wilmott, M.D., editor. 1997.

Assa'ad AH. "Clinical Methods and Challenge Procedures: In Food hypersensitivity and adverse reactions." Marcel Dekker, Inc., Marianne Friere, M.D. and Brett Kettlehut, M.D., editors. 1999.

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Sally Noone and **Amal Assa'ad**

"In Food Allergy: Practical Diagnosis and Management" Chapter 8.

"The Oral Food Challenge Procedure" P: 151-164. Editor: Scott Sicherer- Publisher: Taylor & Francis Group, CRC Press 2013, Routledge, Auerbach, Psychology Press, Productivity Press-2013, Print ISBN: 978-1-4665-1268-9, eBook ISBN: 978-1-4665-1269-6

Christina C. Lewis, PhD; Carol Henderson, PhD; **Amal H. Assa'ad, MD** Allergy and Immunological Disorders (Chapter 28) in: *Pediatric and Adult Nutrition in Standard, Chronic Diseases, and Intellectual and Developmental Disabilities*, Oxford University Press edited by Shirley W. Ekvall and Valli K. Ekvall 2016 (in print)

Abstracts:

Assa'ad AH, Soliman M. "The Value of Skin Tests in the Diagnosis of Food Allergy." *Ann Allergy*, 1993; 70:78.

Lierl MB, **Assa'ad AH**. "Anaphylactic Reaction to Hemophilus Influenzae Type B Conjugate Vaccine." *Ann Allergy Asthma Immunol*, 1995; 74:83.

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Alibrahim A, **Assa'ad AH**, Lierl MB. "A CT Demonstration of Pulmonary Aspergilloma in a Patient with Hyper IgE Syndrome." *Ann Allergy Asthma Immunol*. 1996; 76(1): 102A.

Lierl MB, **Assa'ad AH**, Bokulic R, Sebastian K. "Difficulties in Subject Recruitment for an Intervention Program for Urban Children with Poorly Controlled Asthma." *Ann Allergy Asthma Immunol*. 1997; 78(1):92A.

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“PK and PD of Mepolizumab in Pediatric Subjects with Eosinophilic Esophagitis: A Randomized, Double-blind Controlled Clinical Trial.” Sandeep Gupta, Christopher Justinich, Margaret Collins, **Amal Assa’ad**, Gregory Kobak, Benjamin Gold, Jatin Patel, Amy Heath, Teresa Perschy, Deborah Smith, Cynthia Jurgensen. Oral presentation. NASPGHAN Annual Meeting, National Harbor, MD, November, 2009.

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“Epicutaneous Immunotherapy (EPIT) is Effective and Safe to Treat Peanut Allergy: A Multi-National Double-Blind Placebo-Controlled Randomized Phase IIb Trial.” Sampson H.A., Agbotounou W.K.,

Thébault C., Ruban C., Martin L., Yang W.H., Sussman G.L., Brown-Whitehorn T.F., Nadeau K.C., Cheema A.S., Leonard S.A., Pongracic, J.A., Sauvage-Delebarre C., **Assa'ad A.H.**, De Blay F., Bird, J.A., Tilles S.A., Boralevi F., Bourrier T., Shreffler, W.G., Hébert J., Green T.D., Gerth Van Wijk R.20, Knulst A.C., Kanny G., Kowalski M.L., Schneider L.C., Benhamou P.H., and Dupont C. AAAAI Annual Meeting, Huston, TX, February, 2015.

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Distribution of Effort:

Indicate percent of time currently spent in:

- Leadership and Management - _____%
- Clinical Activities - _____%
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“I have reviewed the curriculum vita for completeness and accuracy and agree with its contents.”

Division Director Signature and Date

Individual Faculty Member Signature and Date