

## EDUCATION

1994 – 1999 BS/MS, Tulane University, Biomedical Engineering, New Orleans, LA  
1999 – 2002 MS, Computer Science, Johns Hopkins University, Baltimore, MD  
2006 – 2010 MD, Louisiana State University Health Sciences Center, New Orleans, LA

## POSTGRADUATE TRAINING

2010 – 2014 Resident in Medicine/Pediatrics, Louisiana State University, New Orleans, LA  
2014 – 2016 Fellow in Allergy/Immunology, Tulane University, New Orleans, LA  
2016 – 2022 HLA Lab Director-in-Training, Tulane University, New Orleans, LA

## FACULTY POSITIONS HELD

2016 – Present Assistant Professor of Medicine, Tulane University, New Orleans, LA  
2022 – Present HLA Laboratory Director, Tulane University, New Orleans, LA

## HOSPITAL POSITIONS HELD

2016 – Present Attending Physician, Tulane University, New Orleans, LA  
2016 – Present Attending Physician, VHA-SLVHCS, New Orleans, LA

## HONORS

2009 Alpha Omega Alpha (Chapter President)  
2010 Stephen Osofsky Memorial Award (Pediatrics Department)  
2010 George Sam Bel Memorial Award (School of Medicine)  
2011 Medicine/Pediatrics Intern of the Year  
2012 – 2014 Medicine/Pediatrics Resident of the Year  
2013 – 2014 Medicine/Pediatrics Chief Resident

## BOARD CERTIFICATION

2014 Diplomate, American Board of Pediatrics  
2014 Diplomate, American Board of Internal Medicine  
2016 Diplomate, American Board of Allergy & Immunology  
2021 Diplomate, American College of Histocompatibility & Immunogenetics

## LICENSURE

2012 – Present MD, Louisiana State Board of Medical Examiners

## PROFESSIONAL ORGANIZATIONS

2014 – Present American Academy of Allergy, Asthma & Immunology (Fellow)  
2014 – Present American College of Allergy, Asthma & Immunology (Fellow)  
2017 – Present American Society for Histocompatibility & Immunogenetics

## TEACHING RESPONSIBILITIES

2016 – 2019 Clinical Teaching, Tulane University Allergy/Immunology Clinic  
2016 – Present Clinical Teaching, VA-SLVHCS Allergy/immunology Clinic

- 2016 – Present Allergy/Immunology Fellow Weekly Journal Club
- 2016 – Present Invited Talks for Medical Students, Residents, and Fellows
- 2020 – 2020 Online A/I Course for T4 Students (COVID-19), Lecturer

## INVITED TALKS

- 2016 (05.JUN) “Penicillin allergy: a gift that keeps on Giving”, Tulane Medicine Grand Rounds
- 2016 (28.JUL) “Allergic bronchopulmonary aspergillosis”, VA Medicine Grand Rounds
- 2017 (24.FEB) “Primary immunodeficiency”, New Orleans Citywide ID Conference
- 2017 (08.APR) “Anaphylaxis! and other emergencies”, Critical Concepts Emergency Medicine
- 2017 (20.APR) “Allergy potpourri: anaphylaxis, angioedema, ...”, VA Primary Care Conference
- 2018 (11.JAN) “mAbs for the treatment of allergic disease”, VA Primary Care Conference
- 2018 (25.OCT) “Beta-lactam allergy”, VA Medicine Grand Rounds
- 2018 (07.DEC) “Drug hypersensitivity”, Tulane/VA Pulmonary Fellow Conference
- 2019 (07.JAN) “Drug hypersensitivity”, Tulane Internal Medicine Resident Conference
- 2019 (25.FEB) “Telemedicine: contemplation to implementation [moderator]”, AAAAI 2019
- 2019 (13.JUN) “Beta-lactam allergy”, VA Primary Care Conference
- 2019 (10.JUL) “Beta-lactam allergy”, Tulane Infectious Disease Fellow Conference
- 2021 (30.APR) “Chronic rhinitis”, Tulane/VA Pulmonary Fellow Conference
- 2021 (20.OCT) “Beta-lactam allergy”, Tulane Infectious Disease Fellow Conference

## SPECIAL NATIONAL RESPONSIBILITIES

- 2017 – Present AAAAI Committee Member – Veterans Health Administration Allergists
- 2017 – Present AAAAI Committee Member – Health Informatics, Technology & Education
- 2019 – 2021 AAAAI Committee Co-Chair – Veterans Health Administration Allergists
- 2021 – Present AAAAI Committee Chair – Veterans Health Administration Allergists
- 2020 – Present VHA Field Advisory Board for Allergy/Immunology, Member
- 2022 – Present VHA Integrated Care Community for VISN16, Subject-Matter Expert

## SPECIAL LOCAL RESPONSIBILITIES

- 2009 – 2010 Alpha Omega Alpha Louisiana Beta Chapter, President
- 2016 – 2021 Tulane Department of Medicine Peer Review/Quality Committee
- 2018 – Present Tulane University Senate Subcommittee on Assessment, Member
- 2021 – Present Tulane School of Medicine Professionalism Program, Peer Messenger
- 2022 – Present Louisiana Society for Allergy, Asthma & Immunology, Vice-President

## RESEARCH ACTIVITIES

- 2017 – Present Aeroallergen Rush Immunotherapy Chart Review
- 2019 – Present Aeroallergen Rapid Buildup for Fresh/Refill Vials
- 2019 – 2021 COVID-19 PEP Using Hydroxychloroquine (patient enrollment)
- 2019 – 2021 COVID-19 Treatment Using HCQ and Azithromycin (patient enrollment)

## PUBLICATIONS – REFEREED JOURNALS

- Atkinson EM, Trayanova NA. Contact probes for MAP recording: a computational study. *J Biol Syst*, 11(2):139-160, June 2003.
- Atkinson E, Miklowski M, Lopez F, Klibert D. A 23-year-old man with fever and malaise. *J La State Med Soc*, 164(3):164-75, May/June 2012. [PMID: 22866358]
- Atkinson EM, Martin DH, England AR, Haman TC, Hanemann MS, Lopez FA. A 63-year-old woman with lumbago. *J La State Med Soc*, 165(6):347-51, Nov/Dec 2013. [PMID: 25073264]

## PUBLICATIONS – BOOK CHAPTERS

- Trayanova NA, Malden L, Atkinson EM. Computer model of MAP genesis. In *Monophasic Action Potentials: Bridging Cell and Bedside*, pp 47-69. MR Franz (editor). Futura, 2000.

## PUBLICATIONS – ABSTRACTS

- Atkinson EM, Hescocock GC, Bégué RE. Bonjour vieil amie, Lemierre [poster]. *Southern Society for Clinical Investigation's Southern Regional Meeting (SSCI-SRM)*, 21-Feb 2013.
- Atkinson EM, England AR, McAuliffe MB, Duet JN, Haman TC, Martin DH, Hanemann MS, Lopez FA. Fascinatingly fastidious case of *Eikenella* facetitis [poster]. *SSCI-SRM*, 21-Feb 2013.
- Atkinson EM, McKay MA, Engel LS. One order of acute pancreatitis, please ... hold the enzymes [oral presentation for gastroenterology session]. *SSCI-SRM*, 23-Feb 2013.
- Spinks K, Atkinson E, Levy J, Siwik E. Myopericarditis in a type-1 diabetic with hyperglycemia [poster]. *Louisiana Chapter of American Academy of Pediatrics, Annual Meeting*, Sep 2013.
- Atkinson EM, Wild LG. Eosinophilic chronic rhinosinusitis and adult-onset non-allergic asthma [poster]. *Ann Allergy Asthma Immunol* 115(5-S1):A83, Nov 2015.
- Atkinson EM, Davis WE, Wild LG. Chronic mucocutaneous candidiasis presenting as food impaction in an adolescent [poster]. *Ann Allergy Asthma Immunol* 115(5-S1):A84, Nov 2015.
- Atkinson EM, Wild LG. Allergic bronchopulmonary mycosis in a 71-year-old otherwise healthy smoker [poster]. *Ann Allergy Asthma Immunol* 115(5-S1):A76, Nov 2015.
- Atkinson EM, Savjani PM, Wild LG. Recurrent septic arthritis with CVID and MGUS: a chicken and egg conundrum [poster]. *J Allergy Clin Immunol* 137(2):AB21, Mar 2016.
- Nowak P, Atkinson E, Heneghan J, Crowe D. On call drama: DR-DQ associations strike back [poster]! *Human Immunology* 78:245, Sep 2017.
- Devlin VP, Udemgba C, Atkinson EM. Drug-induced liver injury in the setting of previously undiagnosed primary biliary cirrhosis [poster]. (AAAAI/WAO 2018 – Orlando FL)
- Huntwork MP, Atkinson EM, Carlson JC. Systemic reactions occurring with rapid induction of aeroallergen immunotherapy at a single academic center [poster]. *J Allergy Clin Immunol* 141(2 Suppl):AB862, Feb 2018.
- Nowak P, Atkinson E, Crowe D. Unusual DP alleles are being found on a regular basis and may not be “unusual” [poster]. *Human Immunology* 79(Suppl), 2018.
- Grieb A, Karasov M, Wild L, Atkinson E. Eosinophilic mastitis: a diagnostic and therapeutic conundrum [oral presentation]. (AAAAI 2019 – San Francisco CA)
- Devlin V, Cheng H, Maleki S, Udemgba C, Atkinson E, Wild L. Airborne supplement anaphylaxis: exploring allergy to a nutritional supplement [poster]. (AAAAI 2019 – San Fran CA)

- Grieb A, Atkinson E. Diagnostic hesitancy: a serious case of hives [poster]. (AAAAI 2020 – Philadelphia, PA), accepted but unable to present, conference canceled due to COVID-19.
- Oberhelman K, Sutherland A, Atkinson E. Dosing aeroallergen immunotherapy from freshly prepared maintenance vials: to adjust or not [poster]? *JACI* 147(2):AB129, Feb 2021.
- Grieb A, Chastant A, Atkinson E. Don't rush to judgement: systemic reactions during rapid desensitization to multiple aeroallergens [poster]. *JACI* 147(2):AB129, Feb 2021.
- Finley A, Atkinson E. Subcutaneous immunotherapy for pollen food allergy syndrome: a systematic review [poster]. *JACI* 147(2):AB107, Feb 2021.
- Chastant A, Le M, Atkinson E. A case of chronic lymphocytic leukemia unveiled in a patient presenting with eosinophilia [poster]. *Ann Allergy Asthma Immunol* 127(5):S77, Nov 2021.

## **PUBLICATIONS – RESEARCH SUPPORT**

- Barnabas RV, Brown ER, Bershteyn A, et al. Hydroxychloroquine as postexposure prophylaxis to prevent severe acute respiratory syndrome coronavirus 2 infection: a randomized trial. *Ann Intern Med* 174(3):344-52, 2021. [study team member]

## **PRIOR CAREER & OTHER SKILLS**

Prior to studying medicine, I worked as a systems engineer and software engineer. I began my career at the Johns Hopkins University Applied Physics Laboratory. Driven by a strong interest in software development, I honed this skill and obtained an advanced degree in computer science. While no longer a software developer by trade, I leverage this skill to benefit my current career. Currently, I am nearing completion of a histocompatibility lab management system.