

NORTH TEXAS ALLERGY & ASTHMA ASSOCIATES

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Nastaran Safdarian, M.D.

MEDICAL TRAINING

July 2009 – June 2011	Fellowship – University of Michigan Allergy/Immunology
July 2006 – June 2008	Residency – University of Pittsburgh Medical Center Internal Medicine
June 2005 – June 2006	Internship – University of Pittsburgh Medical Center Internal Medicine

EDUCATION

August 2001 – May 2005	Texas Tech University Health Science Center - School of Medicine Doctor of Medicine
August 1999 – May 2001	University of North Texas Bachelor of Science – Biology Cum Laude
August 1997 – May 1999	University of North Texas Texas Academy of Mathematics and Science

EMPLOYMENT HISTORY

August 2011 – Present	North Texas Allergy & Asthma Associates Private Practice
July 2008 – June 2009	University of Michigan, University Health Service Faculty & Employee Health Physician

BOARD CERTIFICATION

Board Certification:	American Board of Internal Medicine American Board of Allergy & Immunology
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HONORS & AWARDS

Residency & Fellowship:	Resident Housestaff Council Allergy and Immunology Residency Review Committee, Resident Member ACGME Committee for Review Committee Residents
Medical School:	Community Outreach Award Gold Cord Award
Undergraduate:	Cum Laude Dean's List (1998, 1999) President's List (1997, 2000, 2001) Golden Key National Honor Society Alpha Epsilon Delta Pre-Medical Honor Society Officer, 1999-2001

PROFESSIONAL ASSOCIATIONS

American Academy of Allergy Asthma & Immunology
American College of Allergy, Asthma & Immunology

CURRENT HOSPITAL AFFILIATIONS

September 2011 – Present	Baylor Regional Medical Center at Plano
September 2011 – Present	Presbyterian Hospital of Dallas

RESEARCH

July 2009 – July 2011	University of Michigan <u>Mentor:</u> Emily Wang, MD, Department of Allergy and Immunology Ex vivo identification of eosinophils in gastric mucosa through two photon excitation and the development of an endoscope-compatible two photon imaging instrument.
October 2008 – July 2011	University of Michigan <u>Mentor:</u> Emily Wang, MD, Department of Allergy and Immunology Validated eosinophils can be detected via autofluorescence in allergic rhinitis patients with a novel, non-invasive two-photon imaging device.
June 2006 – July 2008	University of Pittsburgh Medical Center <u>Mentor:</u> Berrylin Ferguson, MD, Department of Otolaryngology Frequency and pattern of immunodeficiency in patients with acute and recurrent sinusitis.
May 1998- August 1998	University of North Texas <u>Mentor:</u> Ruthann Masaracchia, PhD, Department of Cell Biology Characterized the p21-activated kinase (PAK) family enzyme PAK's morphological and biochemical effect on intact endothelial cells utilizing microinjection of constitutively active PAK2.

ABSTRACTS & PUBLICATIONS

Abstracts	<ul style="list-style-type: none">• Liu Z, Safdarian N, Wang TD, Wang ET. "Two photon excited fluorescence for in vivo detection of eosinophilic esophagitis." Accepted for presentation. Digestive Disorders Week, Annual Meeting, Chicago, IL. May 2011.• Safdarian N, Liu Z, Wang TD, Wang ET. "Two-photon Excited Fluorescence is Equivalent to Routine Hansel Stain for Identification of Nasal Eosinophils." Accepted for presentation. American Academy of Allergy, Asthma, and Immunology, Annual Meeting, San Francisco, CA. March 2011.• Safdarian N, Liu Z, Wang TD, Wang ET. "Identification of nasal eosinophils using two-photon excited fluorescence." Poster presentation. American College of Allergy, Asthma, and Immunology, Annual Meeting, Phoenix, AZ. November 2010.• Safdarian N, Kovalszki A. "Successful Treatment of a Child with Familial Cold Autoinflammatory Syndrome with IL-1 Receptor Blocker Riloncept." Poster presentation. American College of Allergy, Asthma, and Immunology, Annual Meeting, Miami, FL. November 2009.• Safdarian N, Ferguson BJ. "Frequency and Pattern of Immunodeficiency in Patients with Recurrent Acute Rhinosinusitis or Acute Exacerbations of Chronic Rhinosinusitis." Poster presentation. American Academy of Allergy Asthma and Immunology Annual Meeting, Philadelphia, PA. March 2008.
Publications	<ul style="list-style-type: none">• Safdarian N, Liu Z, Zhou X, Appelman H, Nostrant TT, Wang TD, Wang ET. Quantifying Human Eosinophils using 3-Dimensional Volumetric Images collected with multiphoton fluorescence microscopy. <i>Gastroenterology</i>. 2012 Jan;142(1):15-20.e1.• Safdarian N, Liu Z, Wang TD, Wang ET. Identification of nasal eosinophils using two-photon excited fluorescence. <i>Annals of Allergy, Asthma, and Immunology</i>. May 2011 (Vol. 106, Issue 5, Pages 394-400).