



# NORTH TEXAS ALLERGY & ASTHMA ASSOCIATES

Locations throughout Dallas – Specializing in personalized care since 1927

Main: (214) 369-1901 ~ Fax: (214) 369-1905

Web: [www.texasallergy.com](http://www.texasallergy.com)

E-mail: [general@texasallergyonline.com](mailto:general@texasallergyonline.com)

Portal: [portal.texasallergyonline.com](http://portal.texasallergyonline.com)

## About Your Physician – Nastaran Safdarian, M.D.

### MEDICAL TRAINING

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

### EDUCATION

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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

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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

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

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Residency & Fellowship:	Resident Housestaff Council Allergy and Immunology Residency Review Committee, Residency 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, 20001) Golden Key National Honor Society Alpha Epsilon Delta Pre-Medical Honor Society Officer, 1999-2001



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## PROFESSIONAL ASSOCIATIONS (Includes date joined)

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

## CURRENT HOSPITAL AFFILIATIONS

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September 2011 – Present

Baylor Regional Medical Center at Plano

September 2011 – Present

Presbyterian Hospital of Dallas

## RESEARCH

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July 2009 – July 2011

University of Michigan

Mentor: 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

Mentor: 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

Mentor: 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

Mentor: 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

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### Abstracts

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 Rilonacept." 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

Safdarian N, Liu Z, Xiaoming Z, Appelman H, Nostrant TT, Wang TD, Wang ET. Quantifying Human Eosinophils using 3-Dimensional Volumetric Images Collected with TwoPhoton Excited Fluorescence. Gastroenterology. Currently in submission.

Safdarian N, Liu Z, Wang TD, Wang ET. Identification of nasal eosinophils using two-photon excited fluorescence. Annals of Allergy, Asthma, and Immunology. May 2011 (Vol. 106, Issue 5, Pages 394-400).