

# Benjamin **F E R G U S O N**

1550 S. Indiana, 604 Chicago IL 60605

**E** [bdf@uchicago.edu](mailto:bdf@uchicago.edu)

**P** 630.567.5259

**W** [nosugrefneb.com](http://nosugrefneb.com)

## EDUCATION

### University of Chicago

PhD Cancer Biology (in progress)

Advisor: Ravi Salgia, MD, PhD

Thesis Topic: The role of EphB4 in lung cancer

### University of Chicago Pritzker School of Medicine

MD (in progress)

### University of Illinois at Urbana-Champaign

BS Molecular & Integrative Physiology (Minor, Chemistry), May 2004

## RESEARCH EXPERIENCE

Graduate Research Assistant, Salgia Lab, **University of Chicago**  
Medical Center

June 2006 – current

Research Topic: Characterization of EphB4 mutations, expression, and function in the development, maintenance, and progression of lung cancer

Medical Student Researcher, Salgia Lab, **University of Chicago**  
Hospitals

June – September 2005

Research Topic: Effects of modulating Hsp27 expression on non-small cell lung cancer cell viability and induction of apoptosis

Undergraduate Researcher, Greenough Lab, **University of Illinois**  
August 2002 – October 2003

Research Topic: Neural angiogenesis following aerobic exercise in cynomolgus monkeys

## PUBLICATIONS

1. Rhyu IJ, Boklewski J, **Ferguson B**, Lee K, Lange H, Bytheway J et al. Exercise training associated with increased cortical vascularization in adult female cynomolgus monkeys. Abstract. Soc Neurosci Abstracts. 2003;29:920-1.
2. **Ferguson B**. Heat shock protein modulation in non-small cell lung cancer. Final paper submitted for Summer Research Program, Pritzker School of Medicine, University of Chicago. August 2005.
3. Seiwert TY, Bracht L, **Ferguson B**, Janamanchi V, Ramasamy J, Husain A, et al. Hsp27: A novel prognostic marker and therapeutic target for non-small cell lung cancer. Abstract. Proc AACR. 2006;47:1282.

# Benjamin **F E R G U S O N**

## **PRESENTATIONS**

“Everything You Ever Wanted to Know About EphB4, Informatically-Speaking.” **University of Chicago**. July 30, 2007.

“microRNAs and Lung Cancer.” **University of Chicago**. July 7, 2007.

“Heat Shock Protein Modulation in Non-Small Cell Lung Cancer.” Final presentation for 2005 Summer Research Program, Pritzker School of Medicine, **University of Chicago**. August 24, 2005.

## **CONFERENCES AND WORKSHOPS ATTENDED**

Ephs/Ephrins and Cancer. Winston-Salem, North Carolina. June 25-26, 2008. (upcoming)

Chicago Biomedical Consortium Proteomics and Informatics Workshop. Chicago, Illinois. August 27-28, 2007.

## **TEACHING**

Teaching Assistant, Frontiers in Cancer Research (Spring 2008), **University of Chicago** Committee on Cancer Biology

Teaching Assistant, The Doctor-Patient Relationship (Winter 2006), **University of Chicago** Pritzker School of Medicine

Teaching Assistant, Human Morphology I (Autumn 2005), **University of Chicago** Pritzker School of Medicine

## **AWARDS AND GRANTS**

MD/PhD Trainee, “Graduate Training in Growth and Development” Federal Training Grant (T32 HD007009), NIH/NICHD; 1 July 2006–

Honorable Mention for Scientific Excellence, University of Chicago Pritzker School of Medicine Summer Research Program, 9/2005

University of Illinois at Urbana-Champaign Dean’s List (Spring 2002, Fall 2002, Spring 2003, Spring 2004)

Theta Xi Academic Scholarships (Fall 2002, Spring 2003)

National Scholars Honor Society (February 2002)

## **PERSONAL**

Editor, The Learning Curve (student and resident section of the Medscape Journal of Medicine); April 2008–

Creator and producer of the Pritzker Podcast, a show dedicated to prospective and current applicants and incoming students that focuses on Pritzker-specific and general medical school admissions, application, and lifestyle topics ([nosugrefneb.com/podcast.html](http://nosugrefneb.com/podcast.html))

## Benjamin FERGUSON

### PERSONAL

**(continued)** Volunteer writing instructor, teaching assistant, and tutor at 826 Chicago, a non-profit tutoring and writing center for local Chicago students

Tenor, founding member, and webmaster of Invoxication ([invoxchicago.com](http://invoxchicago.com)), a pop/rock a cappella group in Chicago

Former president and business manager of No Strings Attached, an award-winning seven-person collegiate jazz a cappella group at the University of Illinois

Tour Guide, City Segway Tours–Chicago, 2005-2006

Nominator and Judge for 2006-8 Contemporary A Cappella Recording Awards (Jazz, Contemporary Pop/Rock, Barbershop, Male Collegiate, Mixed Collegiate, Female Collegiate, Doo-Wop, Holiday, and High School categories)

Amateur photographer [[nosugrefneb.com/photography](http://nosugrefneb.com/photography); featured on Chi-Town Daily News ([chitowndailynews.org](http://chitowndailynews.org)) and Schmap Guides to Chicago and Madrid ([schmap.com](http://schmap.com))]

Active science and medicine blogger ([nosugrefneb.com/weblog](http://nosugrefneb.com/weblog))

Professional blogger for Medscape's group medical student blog, The Differential ([medscape.typepad.com](http://medscape.typepad.com))

Personal interests in smoking cessation and prevention, open access research and publishing, non-fiction reading, Medicine 2.0, science and technology, writing, medical school admissions, graphic design