

## **CURRICULUM VITAE**

### **MICHAEL SCOTT-SOON EATON**

#### OFFICE ADDRESS

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#### POST GRADUATE TRAINING

Residency	University of Southern California Los Angeles, California Radiation Oncology July 2006 – June 2010
Internship	Beth Israel Medical Center New York, New York Preliminary Internal Medicine July 2005 – June 2006

#### UNDERGRADUATE TRAINING

Graduate School	Albert Einstein College of Medicine Bronx, New York Ph.D Microbiology and Immunology
Medical School	Albert Einstein College of Medicine Bronx, New York Doctor of Medicine June 2005

Undergraduate

University of Michigan  
Ann Arbor, Michigan  
Bachelor of Science  
Chemical Engineering  
September 1993 – May 1997

STATE LICENSURE

State of Indiana – April 2010 – Present

CLINICAL TRAINING

**University of Southern California, Radiation Oncology Residency**

1100 N. State Street  
Department of Radiation Oncology Room  
Clinic Tower Room A1B  
Los Angeles, CA 90033  
323-409-5019  
July 1, 2006- Present

**Beth Israel Medical Center, Preliminary Internal Medicine**

350east 17<sup>th</sup> Street, New York, NY 10003  
Department of Internal Medicine  
Baird Hall Suite 20BH50  
212-420-3363  
July 1, 2005 – June 30, 2006

AWARDS

Suma Cum Laude – University of Michigan  
American Society of Microbiology Student Travel Grant Award  
U of M Regents and Alumni Scholarship  
U of M Alumni Club of Grand Rapids Scholarship  
Michigan's Society of Professional Engineers Scholarship  
Procter and Gamble Scholarship  
Midwest Korean Association Scholarship  
Angell Scholar  
Class Honors

CLINICAL CERTIFICATIONS

Accuray Technical Certification for CyberKnife®  
Completed Accuray Technical Training Dec 10-13, 2007  
Accuray Inc.  
1310 Chesapeake Terrace  
Sunnyvale, CA 94089

## WORK EXPERIENCE

### **2000-2003 MCAT Instructor and Private Tutor**

The Princeton Review, New York NY

### **1997-1996 Resident Advisor**

University of Michigan, Ann Arbor MI

I was responsible for residential educational programs, community living standards, and peer mentoring.

### **1996 Internship**

Exxon Production Research Company, Houston TX

Fluid Flow and Thermodynamics Department

Using a model pipeline system, I collected data to create a computer simulation program to design and improve the modeling of new off shore oil platforms, pumps, pipelines, etc. I developed a software application for modeling multiphase-multicomponent fluid flow in pipes. This software is a proprietary programs used at Exxon Production Research Company.

### **1996 Tutor/Peer Mentor**

Engineering Learning and Resource Center

University of Michigan, Ann Arbor MI

I tutored the following courses Chemistry, Calculus, Physics, and Fluid Dynamics to undergraduate students.

### **1995 Academic Facilitator**

Summer Engineering Academy and the Minority Engineering Programs Office

University of Michigan, Ann Arbor MI

I was a classroom instructor and tutor for this summer program. The Summer Engineering Academy recruited disadvantaged minority students to the University of Michigan School of Engineering.

## LEADERSHIP EXPERIENCE

**2001-2003 President of the Einstein Athletic Club** - I was responsible for organizing club activities and the club budget.

**2001-2002 Co-Founder and President of the Einstein Korean American Student Association** - I helped found and organize the Einstein Korean American Student Association. I was responsible for club activities and funding.

**2000-2001 Co-Director of the MD/PhD Continuity Clinic** - The MD/PhD clinic is an outpatient internal medicine clinic that is run by MD/PhD students under the supervision of attending physicians. As a co-director I was responsible for orientation for joining staff, scheduling, and organizing of guest lecturers.

**1998-1997 Albert Einstein Hepatitis B Vaccination Program** - Member of the Board of Directors - This was the first medical student initiated and run vaccination project in the country. I was the co-chair for fundraising for the project. I also was responsible for helping to organize the logistics for the vaccination site. The AECOM Hepatitis B Project has received national acclaim as an innovative and well-organized community service program. The Project was recognized at a American Medical Association (AMA) Conference by winning the National AMA-MSS Poster Competition (1999). It was integral in Einstein's AMA Chapter success in winning the AMA Chapter of the Month in April of 1998. Press acclaim for this project included front-page editorial coverage in the Metro Section of the *New York Times* and *Infectious Diseases in Children* (1997).

### ORGANIZATIONS

American Society for Therapeutic Radiology and Oncology Junior Member  
American Society of Clinical Oncology Junior Member  
Phi Kappa Phi National Honor Society  
Tau Beta Pi National Engineering Honor Society

### RESEARCH

**1999-2003: Thesis Research with Dr. Kami Kim.** Albert Einstein College of Medicine, Microbiology and Immunology I studied the life cycle of *Toxoplasma gondii* and particularly the signal transduction pathway that allows for parasite differentiation. I used both genetic and biochemical tools in order to elucidate this signal transduction pathway. My work was focused on cAMP dependent protein kinase.

**Summer of 1999: National Science Foundation Fellowship with Dr. Rho** Korea Summer Institute Sponsored by Korea Science's and Engineering Foundation along with the National Science Foundation, Seoul National University, Department of Cell Biology I studied Hepatitis B's Protein X and its possible role in hepatocellular carcinoma. I studied the possible interactions of this protein with known transcription regulators such as Rb and p53.

**1997: Research with Dr. Anna Kadish.** Albert Einstein College of Medicine, Pathology I studied the human immune response to Human papillomavirus epitopes in order to determine if there is a cell mediated or humoral response. I used FACS analysis to identify which type of white blood cells was dominant and to determine if the immune response was proliferative.

**1995-1996: Research Assistant with Dr. David Kohn.** University of Michigan, Biologic and Material Sciences I helped to develop novel drug delivery systems. I worked on developing a polymer resin that could coat a drug. This resin would delivery the biological agent in a pH dependent manner.

PUBLICATIONS

**Eaton MS, Weiss. LM., and Kim K (2006)** Cyclic nucleotide kinases and tachyzoite-bradyzoite transition in *Toxoplasma gondii*. *Int J Parasitol.* **1**, 107-14.

**Kim, K., Eaton, M. S., Schubert, W., Wu, S. & Tang, J. (2001).** Optimized expression of green fluorescent protein in *Toxoplasma gondii* using thermostable green fluorescent protein mutants. *Mol Biochem Parasitol* **113**, 309-313.

PRESENTATIONS

Jan. 27, 2009. Los Angeles Radiological Society Midwinter Radiation Oncology Conference, Universal City, California. Adaptive Radiotherapy: USC experience with this new ART of adaptive treatment planning. Eaton M., Jiang H., Pagnini P., Streeter O. (Poster).

Dec. 1, 2008. 94<sup>th</sup> Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, Illinois. Comprehensive Hyperfractionated (HFx) Re-Irradiation (Re-RT) of Recurrent Head and Neck (H/N) Cancer is Feasible: A Retrospective Review of the University of Southern California (USC) Experience. M Eaton, M Kovas, U Sinha, P Kumar (Oral Presentation).

Nov. 5-9, 2006. ASTRO 48<sup>th</sup> Annual Meeting, Philadelphia, PA. Single Institution Experience with Accelerated Fractionated Radiation by Concomitant Boost (AFX-CB) and Concurrent Chemotherapy for Advanced Larynx Carcinoma. Eaton MS, Hu K, Culliney B, Schantz S, Frank D, Malamud S, Persky M, Sessions R, Han P, Harrison L (Poster)

Dec. 15, 2003 43<sup>rd</sup> Annual Meeting of the American Society for Cell Biology, San Francisco, California. The two isoforms of cAMP dependent protein kinase in *Toxoplasma gondii* have divergent functions. Eaton MS, Tang J, Kim K (Poster)

May 24, 2003 The 7<sup>th</sup> International Congress on Toxoplasmosis, Tarrytown, New York. Cloning of two isoforms of cAMP dependent protein kinase in *Toxoplasma gondii*. Eaton Ms, Tang J, Kim K (Oral Presentation)

Sept 23, 2002 13<sup>th</sup> Molecular Parasitology Meeting, Woods Hole, Massachusetts. cAMP protein kinase in *Toxoplasma gondii*: A possible mechanism for signaling differentiation. Eaton MS, Tang J, Weiss L, Kim K (Poster)

May 21, 2002 American Society for Microbiology 102<sup>nd</sup> General Meeting, Salt Lake City, Utah. Signaling the Tachyzoite-Bradyzoite conversion in *Toxoplasma gondii*. Eaton Ms, Tang J, Kim K (Poster, Student Travel Grant Award Winner).

Feb. 8, 2002 The New York Apicomplexan Society, New York, New York.  
Characterization of the cAMP dependent protein kinase and its role in *T.gondii*  
differentiation. Eaton MS, Tang J, Kim K (Poster)

Oct 5, 1996 1<sup>st</sup> International Symposium Molecular Control of Organogenesis,  
The University of Michigan Center for Organogenesis, Ann Arbor, Michigan.  
“SMART” release on demand biomaterials for delivery of biological agents.  
Kohn DH, Renier ML, Eaton MS, Carter BF (Poster)