

JOHN D. SMITH

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EDUCATION

- Vanderbilt University School of Medicine**, Nashville, TN *2005 - Present*
Doctorate of Medicine, May 2009.
- Vanderbilt University**, Nashville, TN *2001 - 2005*
Bachelor of Engineering, *Summa Cum Laude*, May 2005.
Major: Biomedical Engineering. Class rank: 2/301.

HONORS AND AWARDS

- Merck Manual Award** *5/06*
• Awarded to three students for academic excellence, leadership, and service in the first year class.
- Microbes and Defense Academic Society Inductee** *5/06*
• Induction based on superior performance in the microbiology and immunology course.
- Top Achievement in Physiology Award** *5/06*
• Awarded for best performance in the first year physiology course.
- Banner Bearer for the Vanderbilt School of Engineering** *5/05*
• Awarded to the student graduating second in the senior engineering class.

WORK EXPERIENCE

- Chart Room Assistant**, Vanderbilt Student Health Center, Nashville, TN *9/01 - 4/03*
• Filed patients' charts, worked closely with the health center staff.

RESEARCH

- Ophthalmology Research – Vanderbilt Emphasis Project** *1/06 - 5/07*
• Studied calcium channel mediated nerve degenerative in glaucoma.
• Mentor: David Calkins, Ph.D.
- Medical Education Research** *6/06 - Present*
• Studied the effects of a web-based shadowing course on specialty choice.
• Mentor: Scott Rodgers, M.D.

PROFESSIONAL SOCIETY MEMBERSHIPS

- American Medical Association *2005 - Present*
American Medical Student Association *2006 - Present*

EXTRA-CURRICULAR ACTIVITIES

Shade Tree Clinic Volunteer

1/06 - Present

- Assisted at Vanderbilt's student-run clinic that benefits the uninsured Nashville population.
- Member of the clinic operations and web services committees.

Vanderbilt Careers in Medicine Web Development Chair

6/06 - Present

- Developed web-based tool to assist Vanderbilt medical students with their career decision.
- Helped to improve and maintain the program's elective course for first and second year students.

Music City Marathon Medical Station Volunteer

4/06, 4/07

PUBLICATIONS AND PRESENTATIONS

Publications

Sappington RM, Sidorova T, **Smith JD**, Calkins DJ. TRPV1: contribution to retinal ganglion cell apoptosis and increased intracellular Ca²⁺ with exposure to hydrostatic pressure. *Invest Ophthalmol Vis Sci*. 2009 Feb;50(2):717-28.

Smith JD, Patel SG, Rosenbaum BP, Rodgers SM. Easing specialty selection with a web-based shadowing programme. *Med Educ*. 2007 Nov;41(11):1090-1.

Presentations

Smith JD, Rymer JA, Fortinsky PM, Rodgers SM. Effects of elective course shadowing experiences on specialty choice. AAMC Combined Central/Southern Regional Group on Student Affairs Meeting, Destin, FL. April 12, 2008.

Smith JD, Walkowski CA, Patel SG, Landis BJ, Rosenbaum BP, Mukherjee AB, Rodgers SM. Improving specialty choice through a web-based physician shadowing course. Careers in Medicine Professional Development Conference: Peaks of Excellence, Salt Lake City, UT. June 11, 2007.

Smith JD, Sappington RM, Calkins DJ. Pressure-induced retraction of RGC axons in an *ex vivo* preparation of rat retina. Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL. May 7, 2007.

PERSONAL INTERESTS

Avid golfer.

Piano: 13 years of study with a preference for ragtime.

Reading with a preference for mysteries.

Pen and ink drawing.