

# JOHN D. SMITH

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## EDUCATION

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**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

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**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

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

## RESEARCH

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**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

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American Medical Association *2005 - Present*

American Medical Student Association *2006 - Present*

## **EXTRA-CURRICULAR ACTIVITIES**

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### **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**

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### **Publications**

Sappington RM, Sidorova T, **Smith JD**, Calkins DJ. TRPV1: contribution to retinal ganglion cell apoptosis and increased intracellular Ca<sup>2+</sup> 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**

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Avid golfer.

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

Reading with a preference for mysteries.

Pen and ink drawing.