

# LEANNE D. STUNKEL

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## CURRENT POSITION

### Pre-Doctoral Fellow

Department of Bioethics, The Clinical Center, National Institutes of Health, Fall 2008-present

- Two-year research fellowship that also includes classes on Bioethics and human subjects research, shadowing physicians, observing Institutional Review Boards, and participation in the NIH Clinical Center ethical consultation service.
- Attended the annual meeting of the American Society for Bioethics and the Humanities for 2008, and have submitted a proposal to present at the annual meeting in 2009.
- Past projects include:
  - A brochure on the ethics of human subjects research for distribution at high school science fairs.
  - Research contributions to a project that attempts to quantify the risks of human subjects research.
- Current projects include:
  - Systematic review of papers examining the motivations of research participants.
  - Empirical study to assess the motivations of health research participants in Phase I clinical trials.
  - Empirical study to improve the informed consent process by comparing comprehension levels that result from the use of different levels of detail in informed consent forms.
- Currently designing a poster on the informed consent study for the NIH 2009 Post-Baccalaureate Poster Day.

## EDUCATION

**Johns Hopkins University**, Baltimore, MD

**Bachelor of Arts, Double Major in Biophysics and Philosophy**, Graduated May 2008

- Graduated with General University Honors
- Graduated with T.C. Jenkins Department of Biophysics Departmental Honors
- Earned recognition on the JHU Dean's List 5 out of 8 semesters.

## RESEARCH AND TEACHING EXPERIENCE

### Teaching Assistant

Johns Hopkins University T.C. Jenkins Department of Biophysics, Fall 2007, Spring 2008

- TA for "Topics in Biophysics Research" class of 30 freshmen and sophomores during the fall of 2007.
- Organized class projects, acted as student liaison, and maintained the class website.
- TA for "Introduction to Biomedical Research and Careers" class of 50 students during the spring of 2008.
- Organized faculty speaker information, graded term papers, and maintained class website.

### Undergraduate Researcher

Karen Fleming Lab, Johns Hopkins T.C. Jenkins Department of Biophysics, Sept. 2005-December 2006

- Worked on independent project to elucidate the effects of point mutations on protein structure using x-ray crystallography.
- Used lab techniques such as chromatography, centrifugation, hanging drop crystallization technique, PCR, spectrophotometry, and FPLC.
- Worked full-time during Summer 2006 with National Science Foundation undergraduate stipend.

## LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

### Treasurer

Johns Hopkins Bioethics Society / Student Pugwash USA, March 2007-May 2008

- The Bioethics Society is interested in issues of ethics in science, medicine, and technology.
- As Treasurer, managed club finances and helped organize club events.
- Attended Student Pugwash USA's 14th National Conference on Science and Social Responsibility: Promoting the Integrity of Science

**Johns Hopkins Outdoors Club**, Fall 2004-May 2008

**Director/President**, Jan 2006-Jan 2007; **Historian**, Jan 2007-Jan 2008

**Freshman Officer**, Jan 2005-Jan 2006; **Trip Leader**, Jan 2005-May 2008

- Led and organized outdoors trips of 15 people open to all JHU students, faculty and staff.
- Organized events, coordinated leader responsibilities, and oversaw risk management.

### **Rock Climbing Instructor**

Johns Hopkins Outdoor Pursuits Program, Fall 2004-August 2008

- Organized and led professional outdoor rock climbing trips for groups of 15 students.
- Hopkins Outdoor Leadership Training Course Instructor: After completing leadership training course, instructed course for fellow leaders. Taught leadership, facilitation, outdoor skills, and risk-management.
- Pre-Orientation: Led groups of 8-10 incoming freshmen on week-long outdoor trips that teach outdoor skills and emphasize team-building.

## **CLINICAL EXPERIENCES AND VOLUNTEERING**

### **NIH Clinical Center Ethical Consultation Service**

Clinical Center Ethical Consultation Service, National Institutes of Health, September 2008-present

- Participate in ethics consults requested by clinicians, researchers, and other health care professionals at the NIH.
- Starting this summer, will act as "Fellow On-Call," carry a beeper and respond to emergency ethics consults.

### ***Patient Ambassador* Clinical Volunteer**

The Clinical Center, National Institutes of Health, Spring 2009-present

- Volunteer 4 hours per week in the Radiology Department at the Clinical Center (research hospital at the NIH).
- Responsible for patient transport in a wheelchair or in bed between their rooms and the Radiology Department.

### **Pain and Palliative Care Team Clinical Rounds**

Pain and Palliative Care Service, The Clinical Center, National Institutes of Health, February 2009-present

- Observe and follow on rounds with the pain team 3.5 hours per week.
- Gaining knowledge and understanding of how to practice medicine with compassion, as well as observing how spiritual and alternative treatments can be integrated into medical care.

### **Primary Care Clinical Observation**

Naval Medical Center, Bethesda, MD, September 2008-February 2009

- Observed a primary care physician 4 hours per week.
- Gained knowledge of some of the science of primary care medicine as well as a better awareness of the physician-patient relationship.

### **Anesthesia Intersession Clinical Tutorial**

Department of Anesthesia, Johns Hopkins Hospital, Intersession 2008

- Two week, 80 hour, intensive observation of the ICUs and operating rooms of Johns Hopkins Hospital.
- Joined medical students rotating through the Department of Anesthesia for lectures.
- Gained knowledge of the practices of surgery and the day-to-day operations of an ICU.

### **Post-Anesthesia Care Unit Volunteer**

Mercy Medical Center, Baltimore, MD, September 2006-May 2007

- Volunteered at nurses' station in Post-Anesthesia Care Unit.
- Performed various support duties, including answering and redirecting phone calls and directing patients' families.

### **HONORS** (not mentioned elsewhere)

- NSF Undergraduate Researcher Stipend (Summer 2006)
- IBM T.J. Watson Memorial Scholarship (4 years)
- National Merit Scholarship Commended Student
- Connecticut Governor's Scholar

### **SKILLS**

**Computer Skills:** Win XP Pro., MacOS, Unix, Microsoft Office (Word, Excel, Powerpoint), Mathematica, HTML

**Outdoor Leadership Certifications:** Wilderness First Responder (medical certification), American Heart Association certified CPR