Kevin D. Smith

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Education

Stanford University '12
Bachelor's of Science: Biology with Honors
Notable Courses: Programming Methodology (Java), Programming Abstractions (C++)

Experience

Research/Clinical Experience

Clinical Research Coordinator **10/12-Present**
Stanford School of Medicine
- Coordinate investigator-initiated clinical trials for Radiation Oncology staff: consenting patients, collecting and delivering study blood, and tissue samples, and maintaining study databases.
- Monitor the status of multiple cancer clinical trials to ensure compliance with federal, IRB, and the Stanford Scientific Review Committee (SRC) regulations.
- Compile information to submit funding and IRB proposals, and assistant physician staff with dissemination of research and educational materials including websites, presentations, and research manuals.

Fernald Lab **12/10-06/12**
Biology Researcher
- Completed self-directed research aimed at determining the role that microRNAs have in regulating the brain and phenotypic plasticity of the African cichlid *Astatotilapia burtoni* fish
- Experience with RT-PCR (0.5 yrs), Immunohistorchemistry (1.5yrs), *in situ* hybridization (0.5 yrs), and DNA/RNA isolation Protocols (1 yr)
- Trained incoming lab interns on proper lab etiquette and techniques

Stanford EMT Program Teaching Assistant **6/11-06/12**
- Engaged and challenged students to learned basic life support skills including; spinal immobilization, Automated External Defibrillator use, bleeding control, CPR, oxygen administration, and fracture treatment according to regulations.
- Assisted students in learning the principles of patient assessment and emergency medical treatment by creating and acting out simulated medical and trauma scenarios
- CPR and BLS Certified for Health Care Professionals

SCOPE Intern **12/09-9/10**
Student Clinical Opportunities for Premedical Experience
- Increased efficiency within the Emergency Room at Santa Clara Valley Medical Center by working with ED Physicians.
- Completed 66 hours of shadowing ER physicians at Santa Clara Valley Medical
- Worked on a research team focused on designing a website that provides high school students and college students interested in medicine a source to gain information.

Research Assistant **12/09-12/10**
Center for Interdisciplinary Brain Research
- Examined activation patterns during rest of fMRI images (most often studied by examining resting state connectivity)
- Gain valuable experience in Neuroimaging Analysis with Statistical Parametric Mapping techniques (normalization, realignment, and smoothing neuroimages)
- Database and Server organization/management using Linux

Mentoring/Student Affairs Experience

Resident Assistant **09/11-06/12**
Stanford Residential Education
- Provided mentoring and advising for a hall of 30 students (24 first year, 6 upperclassmen)
- Enforced and upheld Stanford's Fundamental Standard policies
- Utilized organizational and public speaking skills to create and conduct hall programs intended to educate about community standards and recreational programs
- Implemented mediation and conflict resolution skills

Resident Computer Consultant **09/09-06/10**
Stanford Residential Computing
- Responsible for supporting the network connections & hardware/software applications for over 50 residents
- Held educational seminars as a preventative measure to reduce crisis consulting

Technology Camp Counselor **06/09-09/09**
TIC Summer Camp Inc McLean, VA
- Assisted elementary and middle school students in designing and coding their own games in LOGO and Java programming languages.
- Completed a counselor training course that taught problem solving techniques, good communication skills with parents, and teamwork

Math Tutor **09/08-09/09**
Foundations for Education Inc.
- Prepared lesson plans for various levels of math to tutor elementary school students at different schools in Palo Alto.
- Gained experience tutoring, on average, 4 students at one time and gave detailed feedback of students progress to parents after each tutoring session.

Activities

- NAACP Freshman Intern Coordinator ('09)
- LGBT-CRC Orientation Volunteer ('09)
- Black and Queer at Stanford Member ('09-'12)
- DV8 Hip Hop Dance Group- Director ('12)