

Adam M. Stewart
678 Lorida Drive
Pittsburgh, PA 15209

OBJECTIVE:

Seeking a position as a laboratory assistant that will allow me to further develop my research skills

PROFILE AND SKILL SET:

- Dedicated researcher, skilled in various methods of protein isolation and purification, cell culture preparation, immunoassays, PCR and DNA amplification, agarose gel electrophoresis, and site-directed mutagenesis
- Adept in biophysics techniques including infrared spectroscopy, nuclear magnetic resonance (NMR) spectroscopy, and fluorometer utilization

EDUCATION:

Grove City College
B.S. in Molecular Biology
B.A. in Political Science

Graduated May, 2008

GCC has been ranked by Barron's as one of the top sixty-five most competitive colleges in the nation.
www.gcc.edu

Tulane University
M.S. in Neuroscience

Expected graduation: May, 2010

WORK EXPERIENCE:

Clinical Research Associate

Novum Pharmaceutical Research Services, Pittsburgh, PA June 2008 – July 2009

- Monitor and work with physicians in order to provide quality assurance of clinical trials
- Observe physicians and nurses to ensure that patients are well informed, treated ethically, and are safely participating in the clinical trial
- Research and analyze clinical trial protocols for intelligibility, accuracy, and efficacy

Teacher's Assistant / Tutor

Urban League Charter School, Pittsburgh, PA Aug. 2004 – Jan. 2005

- Effectively instructed elementary school classes under teacher's supervision
- Developed and coordinated lesson plans to facilitate structured learning
- Provided additional tutoring for children with learning difficulty

UNDERGRADUATE RESEARCH:

Aug. 2007 – May 2008

- Used site-directed mutagenesis to alter the gene sequence of green fluorescent protein (GFP) from the jellyfish *Aequorea Victoria* for improved expression and conformational stability
- Structural analysis of the protein structure of GFP (pdb code 1GFP) was performed, including, but not limited to, the analysis of hydrogen bonding, accessible surface area, and beta turn geometry.
- Experimental design and expression of the engineered product after mutagenesis was analyzed via plasmid insertion into a host strain of *E. coli* and subsequently monitored.

POST-SECONDARY HONORS:

- Member of Tri-Beta National Biological Honors Society
- Graduated with High Honors in Political Science