

ANTHONY GIOVENGO136 W 1st St., Morgantown, West Virginia 26501, (304)-281-0606, AGiovang@mix.wvu.edu**EDUCATION****West Virginia University****August 2002 to Present**

- Graduate
 - PhD in Biology
 - Began May 2009
- Undergraduate
 - B.A. in Chemistry Emphasized Biochemistry (Spring 2009)
 - GPA of 3.45 (Cum Laude)

EXPERIENCE**Graduate Research Assistant**

- **Dr. Letha Sooter** **May, 2009 to Present**
Focused on *in vitro* selection utilizing DNA and peptide random pools and the assembly of required equipment, including a capillary electrophoresis instrument

Undergraduate Teaching Assistant

- **Dr. Ken Blemmings** **January, 2008 to May 2009**
Agricultural Biochemistry 410/411 with duties including: grading and management of problem based learning in dry lab
- **Dr. Bjorn Soderberg** **August, 2008 to December, 2008**
Organic Chemistry 235 Lab TA with duties including; grading, safety management and instruction of laboratory techniques
- **Dr. Betsy Ratcliff** **January, 2009 to May, 2009**
General Chemistry 116 Lab TA with duties including; test administration, grading, safety management and instruction of laboratory techniques

Undergraduate Research Assistant

- **Dr. Justin Legleiter** **January, 2009 to May, 2009**
Basic nanoscale physicochemical properties of cells, organelles, and membranes utilizing atomic force microscopy and scanning probe acceleration microscopy
- **Dr. Ken Blemmings** **January, 2008 to December, 2008**
Biochemical research focusing on lysine metabolism in human analogs
- **Dr. Keith Webber** **August, 2006 to April 2007**
Authority relationship theory creation, testing and statistical analysis of research

Academic Resource Center, P.O Box 6430, WVU**February, 2004 to Present**

- **Lead Tutor**
 - Assisted students in undergraduate level courses in Chemistry, Statistics, Physics, and Mathematics as well as graduate level Statistics
 - Performed on-site supervisor duties encompassing scheduling, training, conduct code creation

NIOSH, 1095 Willowdale Rd., Morgantown, WV 26505**April, 2005 to August, 2005**

- **Health Communications Clerk - Summer Student Work**
Required duties included: Data Organization and Clerical Duties

AWARDS

WVNANO graduate bridge award recipients (May, 2009 – April, 2010)

Promise scholarship (August, 2002 – May, 2006)

ABSTRACTS AND SYMPOSIA

WVNANO Fall retreat. “The Sooter Lab: Three Months Of Progress”. Anthony Gioveno, Letha J. Sooter. MeadWestvaco Natural Resources Center (MWNRC). October 3rd, 2009. One of three student oral presentations

Summer Undergraduate Research Symposium 2009, “Saving the Environment Two Steps at a Time: MRE for DEET and Biodiesel Analysis”, Saba Ashfaq, Anthony Gioveno, Letha J. Sooter. Mountainlair Ballroom. July 31st, 2009. Poster Session

CONFERENCES

2009 Nanoelectric Devices for Defense & Security (NANO-DDS 2009). Ft. Lauderdale, Fl. Attended September 28th through October 2nd

SKILLS

Undergraduate coursework including general, physical and organic chemistry introduced a set of basic laboratory skills. Advanced courses in organic synthesis and structural determination provided not only theoretical information on the function of NMR, IR, Mass Spec and GC but also the opportunity for extensive use of these instruments. Undergraduate research with offered in-depth usage of RNA extraction protocols, HPLC, RT-PCR and general biochemistry lab techniques. Atomic force microscopy and the use of MATLAB programming required for the analysis of acquired data was also incorporated. Other research opportunities introduced the use of SPSS for statistical analysis of student created surveys. Graduate research has provided mastery of advanced biochemistry lab techniques including the opportunity to construct a capillary electrophoresis instrument. A lifelong interest in technology has provided advanced computing power user skills including content creation, programming and troubleshooting.