**David H. Gainer**

4405 Highway 1 PO Box VVV | Hometown, TN 31111 | 615-123-4567 | student.name@gmail.com

**Profile**

* **United States Fulbright Scholar to Spain and entry-level Biochemist.** Uses key strengths in strategic thinking and idea generation to resolve unanswered questions about the mechanisms, prevention, and treatment of disease and healthcare delivery. Experience includes 2 years of undergraduate research in synthesis, peptidomimetics, Hepatitis C Virus, and basic pharmacophore design.
* **Strong Leader and future Medical Student.** Encourages a team-oriented approach to health maintenance and disease prevention in the individual patient, as well as both the immediate and global communities using multidisciplinary experience in Leadership Studies and over 3 months of full culture immersion experience.
* **Experienced Promoter for International Education.** Utilize skills in public speaking and presentation design to create workshops covering study abroad and international education, cross-cultural communication, and how to present skills acquired from global experiences in the job market. Articles featured in MTSU Honor’s Edition and spotlighted in national study abroad program catalogs.

**Education**

**Middle Tennessee State University Murfreesboro, TN**

*Bachelor of Science in Biochemistry Class of May 2018*

*Bachelor of Science in Foreign Language GPA: 3.78/4.0*

* Thesis: “Synthesis of Peptidomimetic Inhibitor of Hepatitis C Virus (HCV) NS#-$a Protease with Cyclopropyl Core”
* University Honors College Graduate with magna cum laude distinction.
* Pre-medical and Spanish Language concentrations.
* Minors in Business Administration and Leadership Studies.
* Phi Kappa Phi and Omicron Delta Kappa national honors societies. May 2010 – Present
* Selected as 1 of 6 Paul W. Martin Sr. Honors Scholarship recipients out of total Honors student body. 2009 – 2011

**Pontifical Catholic University of Valparaíso Valparaíso, Chile**

*Study abroad and cultural immersion experience May 2010 – August 2010*

* Acquired written and spoken Spanish proficiency and skills in cultural responsiveness, adaptation, and cross-culture communication.

**Research Experience**

**Graduate Fulbright Fellow in Computational Biology Barcelona, Spain**

*Institute for Research in Biomedicine September 2012 – Present*

* Selected as 1 of 26 post-baccalaureate research fellowship recipients in the United States.
* Research effects of synthetic, non-natural cytosines when inserted into DNA on DNA, chromatin structure, and protein-protein interactions.
* Utilize various molecular modeling programs such as VMD and NAMD to characterize molecular dynamic interactions.

**Research Assistant, Drug Design and Synthesis Murfreesboro, TN**

*Middle Tennessee State University August 2010 – May 2012*

* Presented poster at ACS national meeting in March 2012 San Diego, CA.
* 1st place poster at Tennessee Academy of Science 121st annual meeting October 2011.
* Listed as author on “Three Step Synthesis of Cyclopropyl Peptidomimetics,” *Org. Lett*., 2011, 13 (18), pp 4879–4881.
* 1st place undergraduate poster for College of Basic and Applied Sciences at 2011 MTSU Scholar’s Day.

***Laboratory Skills and Techniques***

|  |  |  |
| --- | --- | --- |
| NMR Spectroscopy | HPLC | Optical Rotation |
| Flash Column Chromatography | Thin Layer Chromatography | Gas Chromatography |
| Mass Spectroscopy | Gel Electrophoresis | Western Blotting |
| PCR Analysis | Microscopy | Immunofluorescence Assay |

**Additional Experience**

**Peer Career Advisor/Intern Murfreesboro, TN**

*MTSU Career Development Center August 2011 – June 2012*

* Collaborate in team of 5 to critique resumes for all Colleges and advise students during walk-in hours.
* Develop public relations and marketing campaigns for Career Development Center including monthly newsletter features.
* Present Career Development topics such as interview skills and resume writing to classrooms and student organizations.

**MTSU Global Ambassador Intern Murfreesboro, TN**

*International Studies Abroad (ISA), Inc. January 2011 – May 2012*

* Promoted international education with interactive and informative presentations and other student engagement campaigns to campus of over 24,000 students.
* Featured in 2011-2012 ISA national program catalogs as Student Spotlight for programs in Chile.
* Recognized as Outstanding Student of the Year in International Affairs for being the most globally minded student citizen.

**Tutor and Mentor Murfreesboro, TN**

*MTSU Student Athlete Enhancement Center February 2009 – May 2011*

* Gained skills in interpersonal communication through teaching study techniques and time management to at-risk students.
* Assisted over 40 student athletes with additional instruction in general education, natural sciences, business and Spanish.
* Consistently have had students improve by 3 letter grades within a single semester.

**Leadership Studies and Involvements**

Leadership Development program that utilizes an interdisciplinary curriculum of leadership theory and experiential learning to cultivate outstanding leaders possessing knowledge and skills who promote success in both individual and group environments.

***Selected Coursework and Areas of Expertise***

|  |  |  |
| --- | --- | --- |
| Interpersonal Communication | Organizational Communication | Conflict Resolution |
| Cross-Cultural Communication | Strategic Thinking and Planning | Idea Generation and Achieving |
| Goal Setting and Achieving | Team Building | Organizational Structure |

**MTSU Charter Member Murfreesboro, TN**

*Omicron Delta Kappa National Leadership Honors Society August 2009 – May 2012*

* Contributed to key service activities and recruitment endeavors to cultivate initial leader group image to obtain University Charter and establish the Chapter.

**Natural Sciences Editor Murfreesboro, TN**

*Scientia et Humanitas Journal of Student Research August 2009 – January 2012*

* Utilized marketing techniques such as establishing social media presence to market and promote journal submissions.
* Reviewed and critiqued scientific research papers submitted in Natural Sciences for publishing.
* Participated in editorial team development of the Journal’s inaugural issue of May 2011.

**President Murfreesboro, TN**

*MTSU Honors Student Association August 2008 – May 2011*

* Organized developmental workshops and events with Honors College staff for Honors College students.
* Established annual team building retreat to recruit new members and improve group dynamics that resulted in > 200% membership growth over a 3-year period.
* Redeveloped organization structure to improve group dynamics by writing Constitution and defining officer capacities.

**Rank Leader Murfreesboro, TN**

*MTSU Band of Blue August 2008 – August 2010*

* Instructed Alto Saxophone section in developing marching skills and assisted leadership team with music technique.
* Encouraged increase in size of section over two seasons from 33 to 52 members.