

**Kailee Zingler**  
Curriculum Vitae  
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505-610-2907

**Research Interests** Drug resistant bacteria, chronic gastrointestinal diseases, rare endocrine diseases, infectious disease, and pathogenesis

**Research Experience**      **Student Research Assistant** Antimicrobial Drug Discovery in Biology Department of NMT  
January 2015 - May 2016

- Utilizing common microbiology techniques to test potential drug candidates on common and pathogenic bacterial cell lines

**Student Research Assistant** Medicinal Chemistry in Chemistry Department of NMT  
February 2014 - May 2016

- Conducting novel metalorganic chemistry for anticancer and antibacterial drug discovery
- Three publications to follow from two different projects

**Student Research Assistant** Center for Leadership in Technology Commercialization at NMT  
January 2014 - Present

- Working on a multidisciplinary team to customize plans for patenting, licensing, and selling inventions utilizing market research
- One project entering into animal testing and licensing stage

**Education**      Bachelors of Science in Biology  
New Mexico Institute of Mining and Technology (NMT), Socorro, NM  
Graduation Date May 2016  
Magna Cum Laude

**Awards**      New Mexico Tech Honor Roll: May 2013  
New Mexico Tech Honor Roll: May 2014  
Student Appreciation Award: April 2015  
Tech Scholar: May 2015  
Student Appreciation Award: April 2016  
David K Shortess Award: May 2016

**Patents**      1 provisional patent filed  
**Publications**      3 publications pending  
**Posters**      Novel Anticancer Drugs on the Basis of Diversely Functionalized N-Containing Heterocycles: NMT 49ers Poster Competition (Nov 2014)  
Novel Anticancer Drugs on the Basis of Diversely Functionalized N-Containing Heterocycles: 249th ACS Conference (March 2015)  
Novel Anticancer Drugs: Student Research Symposium (April 2015)  
Nocturnin: A Night Acting Protein in Modulated by a High Fat Diet in Rats: Student Research Symposium (April 2016)

**Memberships**      American Chemical Society (ACS) 2015-present

**References**

Dr. Snezna Rogelj: snezna@nmt.edu  
Dr. Liliya Frolova: lilfrolova@gmail.com  
Dr. Peter Anselmo: anselmo@nmt.edu  
Sandra Licata: slicata@admin.nmt.edu