

Kailee Zingler
Curriculum Vitae
kvzingler.me
kaileevzingler@gmail.com

Education

Masters of Science in Biomedical Informatics
University of Chicago, Chicago, IL
Expected Graduation December 2018
4.0 / 4.0

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

Experience

Financial Analyst University of Chicago BSD Office of Clinical Research
August 2016 - Present

- Creation of billing documents for research charge review within Epic, pre-review new clinical research studies for billing compliance. Manage projects for confidential medical record numbers as well as keeping device studies compliant with National Government Services

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 and summarized data from assays to give drug statistics

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

- Conducted metalorganic chemistry for creation of novel pharmaceuticals for anticancer and antibacterial drug discovery pre-clinical testing. Acted as supervisor during time as senior member of lab group

Student Research Assistant Center for Leadership in Technology Commercialization at NMT
January 2014 - May 2016

- Worked as a manager on a multidisciplinary team to customize plans for patenting, licensing, and selling inventions utilizing market research

Senior Student Administrative Assistant Joseph R Skeen Library at NMT
August 2012 - February 2014

- Managed library orders, subscriptions, and budget. Developed new system for filing library circulation records, finances, and timesheets

Skills

- Epic/EHRs
- Clinical trial budgets
- ICD-9 and ICD-10 coding
- CPT coding
- NCT registration
- Medical terminology
- QA/QC
- Document harmonization
- FDA regulations
- SOP editing
- Multi-project management
- Type 60 wpm
- Python
- LaTeX
- Github
- Markdown
- Proficient in Microsoft Office
- Interpersonal communication
- Team work
- Organized
- Studious
- Independent
- Timely

Patents**Publications****Posters**

US Patent Number: 9834514 “Antibiotic sensitivity-restoring and photosensitive agents”
“Photoactivated 2,3-Distyrylindoles Kill Multi-Drug Resistant Bacteria”, Bioorganic & Medicinal Chemistry Letters, <https://doi.org/10.1016/j.bmcl.2018.04.001>.
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)

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

References

Dr. Snezna Rogelj: snezna@nmt.edu
Dr. Liliya Frolova: lilfrolova@gmail.com
Dr. Peter Anselmo: anselmo@nmt.edu
Melissa Byrn: mbyrn@bsd.uchicago.edu