

Kailee Zingler
Curriculum Vitae
kvzingler.me
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Education

Masters of Science in Biomedical Informatics
University of Chicago, Chicago, IL
September 2017 - 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

Research Manager University of Chicago Medicine BSD
Digestive Diseases Research Core Center
January 2019 - Present

Financial Analyst University of Chicago BSD Office of Clinical Research
August 2016 - January 2019

- 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. Teach courses on Drug Development to the research community. Creation and negotiation of clinical trial budgets.

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

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

Patents

US Patent Number: 9834514 “Antibiotic sensitivity-restoring and photosensitive agents”

Publications

“Photoactivated 2,3-Distyrylindoles Kill Multi-Drug Resistant Bacteria”, Bioorganic & Medicinal Chemistry Letters, <https://doi.org/10.1016/j.bmcl.2018.04.001>.

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)

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: melissa.byrn@chicagobooth.edu