

## **Kailee Zingler, MS**

Curriculum Vitae

kvzingler.me

kaileevzingler@gmail.com

### **Education**

#### **Masters of Science in Biomedical Informatics**

Thesis: The Feasibility of Utilizing EHR Data to Supplant Survey Data Collection

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 Program Manager** University of Chicago Medicine Gastroenterology

Digestive Diseases Research Core Center (DDRCC)

January 2019 - Present

- Create ways to improve and expand daily research operations. Manage Chang Lab and DDRCC websites. Aid and edit in creating and submitting T32, RO1, and P30 grants.

#### **Financial Analyst** University of Chicago BSD Office of Clinical Research

August 2016 - January 2019

- Carried out charge review in Epic and reviewed new clinical research studies for billing compliance. Managed confidential medical records and maintained NGS compliance for device studies. Taught courses on Drug Development to the research community.

#### **Student Research Assistant** Drug Discover in Biology and Chemistry Department of NMT

February 2014 - May 2016

- Conducted metalorganic chemistry for creation of novel pharmaceuticals with anticancer and antibacterial properties.
- Tested potential drug candidates on common and pathogenic bacterial cell lines.

#### **Student Research Assistant** Center for Leadership in Technology Commercialization at NMT

January 2014 - May 2016

- Worked on a multidisciplinary team to customize plans for patenting and selling University inventions

#### **Senior Student Administrative Assistant** Joseph R Skeen Library at NMT

August 2012 - February 2014

- Managed, and developed system, for library finances, subscriptions, and timesheets.

**Skills**

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

**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), 249th ACS Conference (March 2015), NMT 49ers Poster Competition (Nov 2014)

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**

Undergraduate Advisor: Dr. Snezna Rogelj (snezna@nmt.edu)

Undergraduate Reserach Advisor: Dr. Liliya Frolova (lilfrolova@gmail.com)

Past Supervisor: Melissa Byrn (melissa.byrn@chicagobooth.edu)

Graduate Professor: Dr. Nicholas Soulakis (nicholas.soulakis@northwestern.edu)

Graduate Writing Advisor: Dr. Vojislav Pejovic (vojislav.pejovic@gmail.com)