

Kailee Zingler, MS

Curriculum Vitae

kvzingler.me

kaileevzingler@gmail.com

Education

*Masters
Science:
Biomedical
Informatics* University of Chicago, Chicago, IL
September 2017 - December 2018
Summa Cum Laude (equivalent)

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

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

Experience

*Senior
Compliance
Administrator* University of Chicago
University Research Administration, Conflict of Interest (COI) Team
February 2020 - present

- Improved COI Disclosure submission from 65% to 91%.
- Professional relationships with diverse group of 3.000+ investigators.
- Own scientific review of COI and foreign influence relating to funded research.

*Research
Program
Manager* University of Chicago Medicine Gastroenterology
Digestive Diseases Research Core Center (DDRCC)
January 2019 - April 2020

- Achieved renewal of competitive NIH center grants.
- Created, edited, and submitted T32, RO1, P30, DOD, and foundation grants.
- Improved daily research operations, conflict management, and personnel organization.
- Updated Chang Lab and DDRCC websites.

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

- Owned Epic research functionality, improved charge submission 40% in two years.
- Managed clinical research teams, reviewing studies for billing compliance.
- Taught Drug Development to the research community with 100% passage.

*Student
Research
Assistant* Biology and Chemistry Department of NMT
Center for Leadership in Technology Commercialization at NMT
January 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. Started successful patent and licensing process.
- Worked on a multidisciplinary team to start successful patent and licensing process.

Skills

- Leadership
- Financial/Commitment Conflicts of Interest
- Research Compliance
- Federal rules and regulations
- Project Management
- NIH, government, and foundation grants
- Epic/EHRs
- Revenue Cycle Transformation Process
- Insurance billing and coding
- Budgeting
- Medical terminology
- QA/QC
- FDA regulations
- Standard Operating Procedures
- Interpersonal communication
- Team Player
- Independent
- Organized
- Python, R
- SAS/SQL
- LaTeX
- Proficient in Microsoft Office

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: [49ers Poster Competition (Nov 2014), 249th ACS Conference (March 2015)]
- Nocturnin: A Night Acting Protein in Modulated by a High Fat Diet in Rats: [Student Research Symposium (April 2016)]

Accomplishments Awards

- NIH Gastrointestinal T32 grant achieved a score of 17
- NIH Digestive Diseases Research Core Center grant achieved a score of 18
- New Mexico Tech Honor Roll: May 2013, 2014, 2015
- Tech Scholar: May 2015
- Student Appreciation Award: April 2015, 2016
- David K Shortess Award: May 2016

References

- Undergraduate Advisor: Dr. Snezna Rogelj (snezna.rogelj@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)
- Past Supervisor: Dr. Eugene B Chang (echang@medicine.bsd.uchicago.edu)
- Current Supervisor: Mallory Snyder (mallorysnyder@uchicago.edu)