

# Kaeli Singer

Columbus, OH | Phone: 614-940-2963 • E-Mail: Kaeli.singer@gmail.edu  
www.linkedin.com/in/kaelisinger

## EDUCATION

<b>The Ohio State University College of Pharmacy</b> Doctor of Pharmacy	Projected May 2022
<b>Capella University</b> Master of Business Administration <i>Specialization: Project Management</i>	Oct. 2016 – Nov. 2017
<b>The Ohio State University</b> Bachelor of Science in Pharmaceutical Sciences <i>Cum Laude with Honors in Pharmaceutical Sciences</i>	Aug. 2012 – May 2016
<b>The Ohio State University</b> Bachelor of Arts in Chemistry <i>Cum Laude with Honors in Arts &amp; Sciences</i>	Aug. 2012 – May 2016

## PROFESSIONAL EMPLOYMENT

<b>SUN Behavioral Columbus – Columbus, Ohio</b> <b>Pharmacy Intern</b> Supervisor: Michelle Thompson, PharmD <ul style="list-style-type: none"><li>Develop a process for monitoring antimicrobial stewardship, PRN medication follow-up and inventory</li><li>Participate in transition from paper charts to WellSky EMR at SUN Houston site</li></ul>	Jun. 2019 – Present
<b>OhioHealth Berger Hospital – Circleville, Ohio</b> <b>Inpatient Pharmacy Intern</b> Supervisor: Michael Bandy, PharmD, MS; Pat Helman, PharmD, MS <ul style="list-style-type: none"><li>Perform all weekend batch and stat sterile compounding for 83-beds across ICU, Med Surg, OB and ED</li><li>Establish a systematic training process for new pharmacy technicians</li></ul>	Feb. 2019 – Present
<b>StudioTorch, LLC – Columbus, OH</b> <b>Group Fitness Instructor</b> <b>Customer Service Representative</b> <ul style="list-style-type: none"><li>Lead and coach group fitness classes of 35 participants at a local fitness studio</li></ul>	Jan. 2020 – Present Mar. 2021 – Present Jan. 2020 – Mar. 2021
<b>CVS Pharmacy – Grove City, Ohio</b> <b>Pharmacy Intern</b> <b>Lead Pharmacy Technician</b> <b>Pharmacy Technician</b> Supervisor: Kevin Elick, PharmD <ul style="list-style-type: none"><li>Performed non-sterile compounding consistent with USP797</li></ul>	Jul. 2013 – Jan. 2020 Mar. 2018 – Jan. 2020 May 2015 – Jul. 2016 Jul. 2013 – May 2014
<b>Mast Global, a division of L Brands</b> <b>Product Safety Specialist</b> <b>Product Safety Technician</b> <ul style="list-style-type: none"><li>Collaborated with clinical research organizations for safety and efficacy testing of personal care products</li></ul>	Jul. 2016 – Jul. 2018 Dec. 2017 – Jul. 2018 Jul. 2016 – Dec. 2017
<b>Navidea Biopharmaceuticals, LLC - Dublin, Ohio</b> <b>Senior Drug Development Intern</b> <ul style="list-style-type: none"><li>Performed data collection, analysis, and poster development for clinical trials for Lymphoseek®</li></ul>	Aug. 2014 – Jul. 2016

**ADVANCED PHARMACY PRACTICE EXPERIENCES**

**Longitudinal Behavioral Health and Service Development** May 2021 – Apr. 2022

Partner for Promotion at RiverVista Behavioral Hospital, Columbus, OH

*Preceptor: Jennifer Rodis, PharmD, BCPS, FAPhA*

- Developed the framework for and established the availability of Vivitrol® for initiation in the inpatient behavioral health setting

**Ambulatory Care** Apr. 2022

Community Health and Wellness Partners of Logan County, Bellfontaine, OH

*Preceptor: Jason Martinez, PharmD, BCACP*

- Independently managed the care of underserved patients with conditions in the primary care setting
- Assisted with the development of standardized protocols for pharmacy involvement in patients with hyperlipidemia and a new self-monitoring blood pressure program

**Emergency Medicine** Mar. 2022

The Ohio State University Wexner Medical Center, Columbus, OH

*Preceptor: Emma Stojova, PharmD, BCPS*

- Assisted in direct patient care during emergency responses under the pharmacist supervision
- Completed culture and discharge prescription review and contacted patients accordingly

**Inpatient Infectious Diseases** Nov. 2021

The Ohio State University Wexner Medical Center, Columbus, OH

*Preceptor: Jessica Smith, PharmD, MBA, BCIDP*

- Independently contributed to interdisciplinary rounds on a consult service with a census of 15-20 patients
- Led and participated in biweekly topic discussions on various infectious disease topics

**Hospital Health Systems Pharmacy – Benign Hematology** Oct. 2021

The James Cancer Hospital and Solove Research Institute, Columbus, OH

*Preceptor: Jacquelyn Williams, PharmD*

- Independently followed and rounded on 7 benign hematology patients and 4 patients with solid tumors
- Participated in mini topic discussion on 15 benign hematology topics and 6 malignant topics

**Hospital Administration** Sep. 2021

The James Cancer Hospital and Solove Research Institute, Columbus, OH

*Preceptor: Morgan Forshay, PharmD, MS, BCPS*

- Evaluated pharmacy residents and oncology specialists on code blue and stroke competencies
- Developed a tracker for tracking pharmacist privileging and suggested new code blue coverage strategies

**Community Pharmacy** Aug. 2021

Kroger Pharmacy #971, Columbus, OH

*Preceptor: Beth Balog, PharmD*

- Administered over 100 vaccines, discussed vaccine hesitancy, and completed employee health screenings

**Community Pharmacy** Jul. 2021

Lower Lights Christian Health Center, Columbus, OH

*Preceptor: John Ahler, RPh*

- Assisted physicians with the selection of appropriate antibiotics and the management of Type II Diabetes
- Contributed to workflow at a 340B pharmacy, including counseling of non-English speaking patients

**Inpatient Behavioral Health** Jun. 2021

RiverVista Behavioral Hospital, Columbus, OH

*Preceptor: Jon McClymont, PharmD*

- Completed topic discussions on Morgellons Disease, antipsychotics, and outpatient psychiatric treatment
- Participated in active discussions with Sales Representatives from pharmaceutical companies

<b>INTRODUCTORY PHARMACY PRACTICE EXPERIENCES</b>	
<b>Medical Intensive Care Unit</b> The James Cancer Hospital and Solove Research Institute, Columbus, OH <i>Preceptor: Josh Arnold, PharmD, BCCCP</i>	Jan. 2021 – Apr. 2021
<b>Emergency Medicine Elective</b> OhioHealth Westerville Emergency Care Center, Westerville, OH <i>Preceptor: Christopher Koster, PharmD</i>	Nov. 2020 – Dec. 2020
<b>Community Pharmacy and Immunization</b> Walgreens, Dublin, OH <i>Preceptor: Lauren Giffin, PharmD</i>	Oct. 2020 – Apr. 2021
<b>Hematology and Oncology Medication Reconciliation</b> The James Cancer Hospital and Solove Research Institute <i>Preceptor: Thomas Schultz, PharmD, BCOP</i>	Aug. 2020 – Sep. 2020
<b>General Inpatient Overnight Hospital Rotation</b> Ohio State East Hospital, Columbus, OH <i>Preceptor: Phung Nong, PharmD</i>	Aug. 2020
<b>Cardiology Medication Reconciliation</b> Richard M. Ross Heart Hospital, Columbus, OH <i>Preceptor: Fadwa Constandinidis, PharmD, MS</i>	Aug. 2019 – Sep. 2019
<b>Community Pharmacy</b> Kmart Pharmacy, Grove City, OH <i>Preceptor: Cheryl Nolte, RPh, BS</i>	Jan. 2019 – May 2019
<b>Geriatric Medication Therapy Management</b> Arthur Alvin Zebbs, Columbus, OH <i>Preceptor: Ruth Emptage, PharmD, BCGP</i>	Oct. 2018 – Nov. 2018

<b>SELECTED PRESENTATIONS</b>	
<b>The Mysterious Headache: A Case Presentation</b> <i>The Ohio State University Wexner Medical Center – Columbus, OH</i> <ul style="list-style-type: none"> <li>• Discussion of a patient with a headache of unknown origin and the subsequent infectious work-up</li> <li>• Audience included Clinical Pharmacists, Pharmacy Residents and Pharmacy Students</li> </ul>	Nov. 2021
<b>Delayed Hemolytic Transfusion Reaction in Sickle Cell Disease</b> <i>The Ohio State University Wexner Medical Center – Columbus, OH</i> <ul style="list-style-type: none"> <li>• Complex case presentation to Clinical Pharmacists, Pharmacy Residents and Pharmacy Students</li> </ul>	Oct. 2021
<b>A Novel Non-Opioid Protocol for Medically Supervised Opioid Withdrawal and Transition to Antagonist Treatment</b> <i>RiverVista Behavioral Hospital – Columbus, OH</i> <ul style="list-style-type: none"> <li>• Journal club presentation to Director of Pharmacy, Physicians and Advance Practice Nurses</li> </ul>	Sep. 2021

<b>PROJECT MANAGEMENT</b>	
<b>Xenleta™ (Lefamulin) Monograph</b> <ul style="list-style-type: none"> <li>• Completed a monograph and considered formulary addition for a novel antibiotic</li> </ul>	Nov. 2021
<b>Growth Factor Medication Use Evaluation</b> <ul style="list-style-type: none"> <li>• Evaluated inpatient use of filgrastim to determine appropriateness of adding pegfilgrastim to formulary</li> </ul>	Sep. 2021

<b>Preparation and Opening of Pediatric Behavioral Health Unit</b>	Mar. 2021
<ul style="list-style-type: none"> <li>Reflected on use of medications in an adolescent unit and their appropriateness for 18-bed pediatric unit</li> </ul>	
<b>Intravenous Drug Product Formulary Comparison</b>	Oct. 2019 – Mar. 2020
<ul style="list-style-type: none"> <li>Compared drug formulas and strengths to prepare for Berger Hospital conversion to Alaris Smart Pumps</li> </ul>	
<b>360 Pharmacy: OPA Innovative Pharmacy Business Plan Competition</b>	Aug. 2019 – Feb. 2020
<ul style="list-style-type: none"> <li>Recruited and led the National Community Pharmacists Association (NCPA) business plan team to evaluate the need for a pharmacist-led innovative healthcare hub for comprehensive health and wellness services</li> </ul>	
<b>Injection Connection: OPA Innovative Pharmacy Business Plan Competition</b>	Sep. 2018 – Feb. 2019
<ul style="list-style-type: none"> <li>Prepared the finance section of a business plan for implementation of a pharmacist-led long-acting injection service within a community pharmacy</li> </ul>	

<b>PROFESSIONAL POSTERS</b>	
<ul style="list-style-type: none"> <li><b>Singer K</b>, Forshay CM &amp; Kennerly-Shah J. <i>Evaluation of Cost Savings of Pegfilgrastim Biosimilars for Inpatient Prophylaxis of Febrile Neutropenia</i>. Poster session presented at the Midyear Clinical Meeting of the American Society of Health-System Pharmacists. December 10, 2021. Virtual.</li> <li><b>Parcel K</b>, Helman P, Clark A &amp; Williams J. <i>Evaluation of a pharmacy-led medication reconciliation process in the emergency department of a small community hospital</i>. Poster session presented at the Midyear meeting of the American Society of Health-System Pharmacists. December 10, 2019. Las Vegas, NV.</li> </ul>	

<b>PUBLICATIONS</b>	
Cope FO, Abbruzzese B, Sanders J, Metz W, Sturms K, Ralph D, Blue M, Zhang J, Bracci P, Bshara W, Behr S, Maurer T, Williams K, Walker J, Beverly A, Blay B, Damughatla A, Larsen M, Mountain C, Neylon E, <b>Parcel K</b> , Raghuraman K, Ricks K, Rose, L, Sivakumar A, Streck N, Wang B, Wasco C, Williams A, McGrath M. The Inextricable Axis of Targeted Diagnostic Imaging and Therapy: An Immunological Natural History Approach. Nucl Med Biol. 2015 Dec;43(3):215-225.	

<b>RESEARCH EXPERIENCE</b>	
<b>Familiarity and Comfort with Using Opioids in Patients with Sickle Cell Disease</b>	Oct. 2021 – Present
Advisors: Jacquelyn Williams, PharmD; Maureen Saphire, PharmD, BCGP, CDP	
Co-primary investigator, Research in Progress	
<ul style="list-style-type: none"> <li>Create a survey to query provider opinion on required elements of a tool to calculate OMEs in Sickle Cell</li> </ul>	
<b>OhioHealth COVID-19 Patient Registry</b>	Oct. 2021 – Present
Primary Investigator: Ashraf Kittaneh, PharmD	
Co-investigator, Research in Progress	
<ul style="list-style-type: none"> <li>Complete complex chart reviews to evaluate appropriateness of individual COVID-19 treatment</li> </ul>	
<b>Risk Factors for Recurrent Ventilator-Associated Pneumonia in a Surgical Critical Care Population</b>	Jun. 2021 – Present
Primary Investigator: Angad Sodhi, PharmD	
Co-investigator, Research in Progress	
<ul style="list-style-type: none"> <li>Assist with project and protocol development for a second-year pharmacy resident research study</li> <li>Supervise a P3 student with and assist in data collection using an integrated health information system</li> </ul>	
<b>Feasibility of the Abbreviated Induction of Vivitrol® for the Treatment of Opioid Use Disorder</b>	May 2021 – Oct. 2021
Advisors: Jennifer Rodis, PharmD, BCPS, FAPhA; Jon McClymont, PharmD	
Primary Investigator, Research Completed	
<ul style="list-style-type: none"> <li>Develop and conduct a survey study to investigate Provider experience and comfort with Vivitrol®</li> </ul>	

<b>Comparison of Nurse-Titrated versus Provider-Titrated Continuous Infusion Ketamine for ICU Sedation</b>	Nov. 2020 – May 2021
Primary Investigator: Angad Sodhi, PharmD Co-investigator, Completed	
<ul style="list-style-type: none"> <li>Utilized an integrated health information system and REDCap to collect data regarding utilization of ketamine for sedation in patients admitted to the medical ICU at a large academic medical center</li> </ul>	
<b>Evaluation of Pharmacist-Led Telehealth Smoking Cessation Services</b>	Nov. 2020 – Mar. 2021
Primary Investigator: Ariel McDuffie, PharmD Co-investigator, Completed	
<ul style="list-style-type: none"> <li>Assisted in the development of patient surveys related to smoking cessation services patients received from either their Primary Care Physician or an Ambulatory Care Pharmacist</li> <li>Contacted patients of a federally qualified health center and collected survey data utilizing REDCap</li> </ul>	
<b>Evaluation of a Pharmacy-led Medication Reconciliation Process in the Emergency Department of a Small Community Hospital</b>	May 2019 – Aug. 2019
Advisor: Patrick Helman, PharmD, MS Primary Investigator, Completed	
<ul style="list-style-type: none"> <li>Developed research topic, submitted concept to hospital leadership board and facilitated data collection</li> <li>Completed data analysis and interpretation and presented poster at ASHP Midyear Annual Meeting 2019</li> </ul>	

<b>TEACHING</b>	
<b>Inpatient Medication Reconciliation</b>	Sep. 2019 – Sep. 2021
The Ohio State University Wexner Medical Center The James Cancer Hospital and Solove Research Institute	
<ul style="list-style-type: none"> <li>Educated P2 and P3 students on proper medication reconciliation consistent with institution requirement</li> </ul>	
<b>Naloxone Administration and Overdose Recognition</b>	Jun. 2020 – Apr. 2021
SUN Behavioral Columbus	
<ul style="list-style-type: none"> <li>Demonstrate proper use of intranasal naloxone to nursing staff, mental health technicians and leadership</li> <li>Educated personnel on the process for identification and acute management of opioid overdose</li> </ul>	
<b>Generation Rx Lab at COSI</b>	Aug. 2014 – May 2015
<i>Science Education Outreach Volunteer</i>	
<ul style="list-style-type: none"> <li>Developed a science-centered live program for onsite education of elementary-aged children</li> </ul>	

<b>LEADERSHIP</b>	
<b>National Community Pharmacists Association</b>	
<ul style="list-style-type: none"> <li><i>President</i></li> <li><i>President-Elect</i></li> <li><i>P1 Liaison</i></li> </ul>	<p>May 2020 – May 2021</p> <p>Aug. 2019 – May 2020</p> <p>Sep. 2018 – May 2019</p>
<b>Interprofessional Council</b>	
<ul style="list-style-type: none"> <li><i>Vice-President for Intergovernmental Affairs</i></li> <li><i>Senator</i></li> </ul>	<p>May 2020 – May 2021</p> <p>Apr. 2019 – May 2020</p>

<b>PROFESSIONAL AFFILIATIONS AND MEETINGS</b>	
<b>Student Society of Health-System Pharmacists (SSHP)</b>	2019 – Present
<ul style="list-style-type: none"> <li>ASHP Midyear Clinical Meeting 2019, 2020 and 2021</li> </ul>	
<b>National Community Pharmacists Association (NCPA)</b>	2018 – 2021

<b>HONORS AND AWARDS</b>	
EXCEL Award	2022
Academy of Pharmacy of Central Ohio Student Award	2020
The Ohio State University Scholarship in Pharmacy	2019 – 2020
William Craig Orr and Mary Black Orr Scholarship	2019
Dean's List	2018 – 2021
The Ohio State University Maximus Scholarship	2012 – 2016
American Electric Power Educational Award Scholarship	2012 – 2016

<b>LICENSE AND CERTIFICATIONS</b>	
<b>Certified Group Fitness Instructor</b> , <i>American Council on Exercise</i>	May 2021
<b>Advanced Cardiovascular Life Support No. 206507667542</b> , <i>American Heart Association</i>	Dec. 2020
<b>Collaborative Institution Training Initiative</b>	Sep. 2019
<b>Immunization Delivery Certificate Program</b> , <i>American Pharmacists Association</i>	Apr. 2019
<b>Pharmacy-Based Travel Health Services Certificate Program</b> , <i>American Pharmacists Association</i>	Apr. 2019
<b>REACH Suicide Prevention Certification</b> , <i>The Ohio State University</i>	Sep. 2018
<b>Pharmacy Intern License No. 060000248</b> , <i>Ohio State Board of Pharmacy</i>	Aug. 2018
<b>Cardiopulmonary Resuscitation, Basic Life Support</b> , <i>American Red Cross</i>	Aug. 2018
<b>HIPAA Certification</b> , <i>The Ohio State University</i>	Aug. 2018
<b>Lean Six Sigma – Yellow Belt Training</b> , <i>International Association for Six Sigma Certification</i>	Apr. 2017

<b>VOLUNTEER ACTIVITIES</b>	
<b>Physician's CareConnection Clinic – Pharmacy Intern Volunteer</b>	Apr. 2019 – May 2020
<b>Charitable Pharmacy of Central Ohio – Pharmacy Intern Volunteer</b>	Oct. 2018 – May 2020
<b>The James Cancer Hospital and Solove Research Institute – Hospital Volunteer</b>	May 2013 – May 2014