

Nicholas R Powell, PharmD

Curriculum Vitae – September, 2022

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Education

Doctor of Pharmacy, Research Track - May 2013
Butler University College of Pharmacy, Indianapolis IN
Alexandre Erkine Lab
GPA: 3.308 / 4.0

September 2009 – May 2013

Professional Experience

Assistant Research Professor of Medicine - IU Department of Medicine, Division of Clinical Pharmacology

May 2022 – Present

- Translational research aimed at identifying and addressing inter-patient variability in drug response, with a special focus on pharmacogenomics.

<https://medicine.iu.edu/faculty/43949/powell-nick>

- o Associate member IU Comprehensive Cancer Center, Cancer Prevention and Control program.
- o Review Editor, Frontiers in Pharmacology – Pharmacogenetics and Pharmacogenomics

Post-Doctoral (T32) Research Fellow, Clinical Pharmacology – IU Department of Medicine, Indianapolis IN, (Todd Skaar Lab)

May 2019 – May 2022

- Translational research aimed at identifying and addressing inter-patient variability in drug response, with a special focus on pharmacogenomics
 - o Established high-throughput bioassays for identification of microRNA target sites using cross-linking, immunoprecipitation, ligation, and NGS sequencing, followed by high-throughput functional testing of variants in identified binding sites
 - o Linux and R based bioinformatic pipeline development for NGS and functional screening data analysis

Consultant Regulatory Scientist, Chemistry Manufacturing and Control Global Regulatory Affairs – Eli Lilly & Company, Indianapolis IN

April 2016 – March 2019

- Responsible for writing and submitting comparability data packages to FDA and Global Health Agencies to support manufacturing changes
 - o Cross-functional collaboration with technical scientists, quality assurance, quality control, supply chain, and global affiliate departments to assemble submission strategy and content for product comparability after manufacturing changes
 - o Technical authoring of dossier sections and responses to questions from health authorities in over 100 countries

Associate Consultant Scientist, Tech Services/Manufacturing Science – Eli Lilly & Company, Indianapolis IN

July 2013 – March 2016

- Laboratory and pilot scale design and execution of purification models to demonstrate acceptability of manufacturing changes
 - o Homogenization, centrifugation, chromatography, filtration, crystallization, and modification reaction studies.

- Analytical method development and execution (HPLC, UPLC, GC, SDS-PAGE, Enzyme Kinetic Assays, Capillary Electrophoresis, Spectrophotometry etc.

Molecular Biology Researcher – Butler University Research Laboratory, Indianapolis IN	May 2010 – May 2013
Staff Pharmacist (Weekends) – CVS/Caremark, Indianapolis IN	July 2015 – January 2017
Medication Reconciliation Technician – IU Health Methodist Hospital, Indianapolis IN	August 2011 – May 2013
Advanced Pharmacy Practice Experience – Industrial Research (Henry Bryant/Keith Stayrook), Drug Discovery (Alexandre Erkine), Infectious Disease (David Smith), Infectious Disease (Jarrett Amsden), General Medicine (Kevin Tuohy), Pediatrics (Dennis Gardner), Community Practice and Spanish-speaking Clinic	August 2012 – April 2013

Awards/Grants

ASCPT Jason Morrow Trainee Award for 2nd highest scoring abstract ASCPT Presidential Trainee Award ASCPT Top Poster for top 15% of all abstracts submitted	2021 Conference
PGRN-ASHG Top Trainee Award	2022 Conference
Winner of the Indiana CTSI Postdoctoral Challenge (\$ 5000 research proposal competition among postdocs at IUPUI, IU Bloomington, Purdue, and Notre Dame)	July 2020 - July 2021
T32 Postdoctoral Fellowship	Spring 2019 - Present
Undergraduate Research Excellence Award	2013
Horizon League Academic Honor Roll	2008 - 2010

Publications /Abstracts:

<https://orcid.org/0000-0003-4572-0733>

Athletics / Memberships

Varsity Soccer Goalkeeper – Butler University Men’s Soccer team, Indianapolis IN	Fall 2007 – Spring 2011
American Society for Clinical Pharmacology & Therapeutics (ASCPT)	2019-Present
American College of Clinical Pharmacy (ACCP)	2020-Present
Pharmacogenomics Research Network (PGRN)	Nov 2020-Present
Toastmasters International Member – LTC North Campus, Indianapolis IN	2015

Licensures and Certifications

Indiana Pharmacy License (26025324A)	Active Status
Colorado Pharmacy License (PHA.0021160)	Inactive Status
Immunization Delivery Certified – American Pharmacists Association	August 2015
AHA CPR Certified – Red Cross	March 2017
MTM Training Completion	Summer 2012

Volunteer Service

Morning Dove – Therapeutic Horseback Riding for Disabled Patients, Indianapolis IN	Summer 2015
A Caring Place Nursing Home, Indianapolis IN	Fall 2008
Kingsway Clinic, Avon IN	Spring 2009
Eli Lilly Day of Service Volunteer Member	2013-2018

References

References are available upon request.