

Wilson Brooks, MS

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Profile

- PA applicant with clinical, research and leadership experience from Wake Forest Baptist as a clinical research coordinator for solid tumors, specializing in melanoma and immunotherapeutic trials.
- Science and data-driven focus resulting from background in biochemistry: research focuses on novel drug discovery from fungi and quantitative measurement of compounds within complex mixtures.
- Arts-focused passion: involved in music community and use this to serve and enrich lives outside the healthcare environment.

Education

Master of Physician Assistant Studies <i>The University of South Carolina, Columbia</i>	Jan 2020 – Expected Graduation May 2022
Master of Science – Biochemistry <i>The University of North Carolina at Greensboro</i>	May 2016
Bachelor of Science – Biochemistry; Bachelor of Arts in Music – Vocal Concentration <i>The University of North Carolina at Greensboro</i>	May 2014

Clinical and Research Experience

Clinical Studies Coordinator III <i>Comprehensive Cancer Center, Wake Forest Baptist Health</i>	June 2016 – December 2019
<ul style="list-style-type: none">▪ Coordinated multi-disciplinary patient activities relating to industry and investigator-initiated clinical trials for solid-tumor oncology patients.▪ Published a retrospective review of melanoma staging procedures (see citations below).▪ Mentored coworkers and helped to train new employees.▪ Experience with:<ul style="list-style-type: none">○ Immunotherapy, PD-(L)1 inhibitors, CTLA-4 inhibitors, patient care coordination, EPIC, Medidata RAVE, REDCap, medical oncology, surgical oncology, radiation oncology	
Graduate research under Dr. Nicholas Oberlies <i>University Of North Carolina at Greensboro (UNCG) Department of Chemistry and Biochemistry</i>	December 2014 – May 2016
<ul style="list-style-type: none">▪ Developed method quantitative nuclear magnetic resonance spectroscopy (qNMR).▪ Explored fungi secondary metabolites for cancer drug candidates.▪ Published research on qNMR technique (see citations below).	
Undergraduate research under Dr. Gregory Raner <i>UNCG Department of Chem. And Biochem.</i>	2012-2013
<ul style="list-style-type: none">▪ Researched p450 enzymes and their catalytic mechanisms.	

Certifications and Training

AHA ACLS Certification	2021
AHA BLS Certification	2021
AHA PALS Certification	2021
Medication Assisted Therapy Training	2021
GCP and RCR Research Training	2019

Publications and Presentations

- Brooks WC, Votanopoulos KI, Russell GB, Shen P, Levine EA. Evaluation of Chest Radiographs and Laboratory Testing during Melanoma Staging Procedures. *The American Surgeon*. 2019;85(5):505-510. doi:[10.1177/000313481908500528](https://doi.org/10.1177/000313481908500528) May 2019
- Evaluation of Chest Radiographs and Laboratory Testing During Melanoma Staging Procedures – Poster Presentation at *Society of Surgical Oncology 2018* March 2018
- Brooks WC, Paguigan ND, Raja HA, et al. qNMR for profiling the production of fungal secondary metabolites. *Magnetic Resonance in Chemistry*. 2017;55(7):670-676. doi:[10.1002/mrc.4571](https://doi.org/10.1002/mrc.4571) March 2017
- qNMR for the Analysis of Fungal Isolates for Secondary Metabolite Production - Poster *ACS Poster Vendor Night at the Joint School of Nanoscience and Nanotechnology Triangle Chromatography Discussion Group* May 2016
- qNMR for the Evaluation of Fungal Secondary Metabolite Production – Seminar *UNCG Department of Chemistry and Biochemistry* May 2016

Academic Highlights

PA school rotations

Hematology and Oncology – Novant
Surgery – Presbyterian Medical Center, Novant
Hospitalist – Prisma Health
Internal Medicine – Dorn VA
Family Medicine – Lexington Health
Pediatrics – Carolina Pediatrics and Adolescent Medicine
Psychiatry – Carolina Complete Psychiatry
Emergency Medicine – Lexington Medical Center
Obstetrics and Gynecology – Prisma Health
Orthopedics – Prisma Health

Courses

Medical Terminology
Virology
Spectroscopy and Analysis of Biomolecules
Advanced Medicinal Chemistry
Quantitative Analysis
Biochemistry
Nucleic Acid Biochemistry
Enzyme Mechanisms
Advanced Organic Chemistry

Teaching Experience

- Clinical Studies Coordinator III June 2016 – December 2019
Comprehensive Cancer Center, Wake Forest Baptist Health
- Educated and consented patients on details of clinical trials.
 - Mentored coworkers and helped to train new employees.
- Teaching Assistant, *UNCG Department of Chemistry and Biochemistry* August 2014 – May 2016
- Taught second semester chemistry laboratory classes to undergraduate science majors.
- UNCG College of Arts and Science Outstanding Junior Graduate TA of the Year 2015-2016
- UNCG Department of Chemistry and Biochemistry Junior TA of the Year 2014-2015

Other Work, Awards and Experiences

Service Desk Technologist, *Technology Support Center at UNCG* August 2010 – December 2014

- Facilitated diagnosing and resolving computer issues at a walk-in help desk.

Resident Assistant for *UNCG Housing and Residence Life* August 2011 – May 2013

- Orchestrated academic and social programs to engage students and teach them study.

Member on the Quality Enhancement Plan Steering Committee at *UNCG* 2013

Gave input on direction and organization of university Quality Enhancement Plan as part of student and faculty panel during the 2013 university reaccreditation.

UNCG Alumni Scholarship Merit Award Recipient 2009–2013

Certified Nurse Aide 2010–2012

Certified in the state of North Carolina

Arts Involvement

Choral Section Leader at Centenary United Methodist Church August 2017 – December 2019

Winston-Salem, North Carolina

Baritone / Tenor - Hired Performer for Bel Canto Company August 2013 – May 2018

Professional choir from Greensboro, NC

Choral Section Leader at First Presbyterian Church - *Greensboro, NC* January 2013 – August 2017

Professional and Academic References

<p>Edward A. Levine, M.D. Professor of Surgery Chief, Surgical Oncology Associate Chair for Operations, General Surgery Wake Forest University Winston-Salem, North Carolina Email: elevine@wakehealth.edu Phone: 336-716-4276</p>	<p>Pierre L. Triozzi, M.D. Professor of Hematology and Oncology Professor of Cancer Biology Department of Hematology and Oncology Wake Forest University Winston-Salem, North Carolina Email: pltriozzi@wakehealth.edu Phone: 336-716-0257</p>
<p>Nicholas H. Oberlies, Ph.D. Patricia A. Sullivan Distinguished Professor of Chemistry Department of Chemistry and Biochemistry University of North Carolina at Greensboro Email: Nicholas_Oberlies@uncg.edu Phone: 336-334-5474</p>	<p>Rita Dixon, MSPAS, PA-C Program Director Clinical Assistant Professor Physician Assistant Program University of South Carolina Email: Rita.Dixon@uscmcd.sc.edu Phone: 803-216-3959</p>