

Kaitlyn M. “Kat” Barrett

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Education

Master of Science in Applied Psychology, *in progress*
Clemson University, Health Psychology Concentration

Bachelor of Science in Psychology, 2024
Clemson University, *Magna Cum Laude*

Certified Pharmacy Technician, 2012
Pickens County Career and Technology Center, *Honors Distinction*

Research Experience

Study for Healthy Aging and Applied Research Programs (SHAARP) research assistant,
August 2024-present
Clemson University, Department of Psychology
Primary Investigator: Lesley Ross, Ph.D.

Drugs and Crime Research Laboratory research assistant
December 2023-September 2024
Clemson University, Department of Sociology, Anthropology, and Criminal Justice
Primary Investigators: Bryan Lee Miller, Ph.D. & Thomas Sharkey, Ph.D.

- Conducted interviews and focus groups with local, state, and federal law enforcement officials to collect qualitative data on the formation of new illicit synthetic opioid trafficking networks and how they are effectively disrupted at differing geographic scales.
- Coded qualitative data for thematic relevance and data triangulation.
- Teamed with the Clemson University Industrial Engineering Department to transform qualitative data into a prescriptive network analytics program via interdiction algorithms aimed at informing law enforcement decision-making regarding the disruption of nascent drug distribution networks, supported by grants from the Department of Homeland Security and National Science Foundation.

Honors independent research *May 2023-Present*
Clemson University, Department of Psychology
Advisors: Robert Sinclair, Ph.D., Baylor Graham, Ph. D.

- Thoroughly reviewed the occupational health psychology literature on relationship between employees perceived economic security, attitudes towards cues of mortality, and various healthcare adherence behaviors.

- Wrote a proposal that models employee perceived income adequacy and objective measures of economic variables as moderators for the healthfulness of death awareness processing, informed by generativity theory, the scarcity-abundance mindset model and cognitive resource theory.
- Using SPSS to perform multivariate multiple regression analysis of death reflection scale scores with measures of economic conditions, self-reported by Mechanical Turk participants, as predictive variables.
- Planning to submit results to a regional conference in the coming months.

Occupational health psychology team research *August 2023-December 2024*

Clemson University, Department of Psychology

Primary Investigator: Robert Sinclair, Ph.D.

- Read and codified occupational health psychology articles for their relevance to the highly cited, yet poorly defined, construct of well-being.
- Gained experience in the process of retroactive construct definition, as well as team-based research through the systematic review of over 2,200 scholarly articles.

Pathology research internship *May-August 2014; February-May 2015*

Greenville Memorial Hospital, Department of Pathology

Primary Investigator: Christine Schammel, Ph.D.

- Read patient's medical histories and physician's unstructured chart notes and coded them into HIPAA compliant spreadsheets of quantitative data for subsequent statistical analysis. This required detail-oriented focus and medical knowledge of treatment modalities, medical terminology, and domain-specific information related to cancer, diabetes, and other diseases.
- Conducted literature reviews and collaborated on abstracts, introductions, and conclusions for publications on hyperglycemic neonates and metabolic syndrome in adulthood, sentinel lymph node biopsies and molecular melanoma outcomes, rare gynecological cancers, breast cancer in Hispanic females, acoustic neuromas, and preoperative pediatric anxiety prevention methods.
- Observed physicians and researchers in conferences, forensic pathology, gross pathology, and histopathology labs, as well as the clinic, and the operating room.

Postoperative pain prevention research internship *February-June 2013*

Presbyterian College School of Pharmacy, Department of Pharmaceutical Sciences

Primary Investigator: Edgar Alfonso Romero-Sandoval, M.D., Ph.D.

- Reviewed the literature relevant to P.I.'s proposed novel therapy, which aimed to promote efficient wound healing following major surgery via gene transfection at the incision site to prevent the development of chronic postoperative pain.
- Wrote an independent proposal based on this research, which was approved by the P.I.
- Transfected M1 macrophages with the ED2/CD163 gene via nanoparticles to induce an M2 macrophage phenotype in vitro and documented results.

Work Experience

Manager and Sommelier *October 2020-November 2023*

Halls Chophouse Greenville

Direct supervisor: Katie DeHart

- One of ten managers who oversaw a team of over 100 employees in a three story, multimillion-dollar, fine dining restaurant that serves approximately 500 guests per night.
- Instructed staff on wine tasting, sales techniques, and service standards in a manner conducive to guest satisfaction, employee professional growth, and company profit.
- Led events such as wine tastings and dinners, requiring collaborative planning, logistics management, public speaking, networking, and problem solving, with a smile.
- Consistently motivated staff, praised individual growth and team effort, coached constructively, and reprimanded as needed with growth-oriented measures.

Additional management experience

- Tupelo Honey *2020*
- Barley's Taproom *2019*
- Husk *2019-2020*
- Trappe Door *2015-2019*
- Leopard Forest Coffeehouse *2015-2016*

Standardized Medical Actor *2015-2018*

Greenville Health System, Simulation Center

Direct supervisor: Sharon Youkey, RN

- Accurately and consistently portrayed the personal history, symptom presentation, and affect scripted for standardized patient encounters to aid in the evaluation and training of medical students.
- Provided written and face-to-face feedback relevant to improving medical student's clinical skills, such as palpation technique and bedside manner, in conjunction with medical doctors.

Volunteer Service

Vigil volunteer *2023-Present*

Bon Secours Hosipital

- Visiting individuals in hospice, the hospital, and in home for prayer and support.

Soup kitchen volunteer *2019-2023*

Project Host, NPO

- Prepared and served food to individuals in food crisis in Greenville, SC.

Youth Engagement Program "Big Sister" *2012-2013*

Thornwell Home for Children

- “Big sister” to two brothers in foster care, ages 7 and 13 at the time.

Pharmacy volunteer *2012-2013*

Good Shepard Free Medical Clinic of Laurens County

- Documented and organized prescription orders for community members in need.

Community Membership

- St. Mary’s Catholic Church member and volunteer
- Society for Health Psychology student affiliate
- Clemson Society of Industrial Organizational Psychology chapter member
- Clemson Catholic Campus Ministry member