

# Isaac K. Baca

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## Education

### Bachelor of Science in Psychology & Sociology (Magna Cum Laude)

Middle Tennessee State University

May, 2020

Murfreesboro, Tennessee

3.81 GPA

### Master of Education

Vanderbilt University – Peabody college

May, 2023

Nashville, Tennessee

3.93 GPA

### Relevant Course Work:

- Statistical Inference
- Correlation and Regression
- Psychological Measurement
- Factor Analysis
- Multilevel Modeling
- ANOVA
- Structural Equation Modeling
- Multivariate Statistics
- Item Response Theory

### Software Experience:

- SAS
- Python
- R
- Excel
- SQL
- SPSS
- LISREL

### Research Projects:

- Baca, I. K., & Dye, M. H. (2018). *Sources of news consumption among MTSU students*.
- Baca, I. K., & Pennington, J. T. (2019). *Scarcity and the value of chocolate*.
- Pennington, J. T., Baca, I. K., Bradley, E. J., & Carroll, B. M. (2019). *The context and dynamics of law enforcement officers' lethal force decisions*.
- Baca, I. K., Lowe, A., & Sepehri, L. (2020). *Exposure to evidence increases belief in pyramid power*.
- Baca, I. K. (2020). *Moral reframing: A perspective-taking approach to political arguments*.

### Research Presentations:

- Pennington, J. T., Baca, I. K., Bradley, E. J., & Carroll, B. M. (2019). *The context and dynamics of law enforcement officers' lethal force decisions*. Presented at the Society for Judgment and Decision Making Conference, Montreal, Canada.
- Baca, I. K., & Pennington, J. T. (2019). *Scarcity and the value of chocolate*. Presented at the Middle Tennessee Psychological Association Conference, Murfreesboro, Tennessee.
- Baca, I. K. (2020). *Moral reframing: A perspective-taking approach to political arguments*. Presented virtually at the Middle Tennessee Psychological Association Conference, Murfreesboro, Tennessee.

### Publications:

- Baca, I. (2021). Moral Reframing: A Perspective-Taking Approach to Political Arguments. *Scientia et Humanitas*, 11, 39-58.

### Academic Awards:

- Dean's List (Fall 2016-Spring 2020)
- Psychology Senior Honor Student Award (2019, 2020)
- 1st place Undergraduate Social Science Symposium Paper Competition MTSU spring 2020 (*Moral reframing: A perspective-taking approach to political arguments*).

## Professional Experience

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### Phi Delta Theta Fraternity, TN Eta

Murfreesboro, Tennessee

- Community Service Committee Chair
- Scholarship Committee Chair
- Executive Officer

Jan, 2015 – Aug, 2015

Jan, 2017 – Dec, 2017

## Volunteer Experience

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### Peabody Honor Council Member

September 2022 – May 2023

Vanderbilt University

Nashville, Tennessee

- The Peabody Honor Council (PHC) implements the honor system for Peabody master's and Ed.D. Programs to aid in the development of creative thinking, intellectual maturity, personal accountability, and respect for honesty, integrity, and truth.
- Job responsibilities included:
  - Serving on hearings and meetings when honor cases arise.

## Work History

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### Graduate Statistical Consultant for Peabody College

January, 2022 – December, 2022

### Youth Development Professional

November, 2014 – June, 2021

Boys and Girls Club of Rutherford County

Murfreesboro, Tennessee

- 4th and 5th grade supervisor:
  - Managed a team of 2-4 staff and a group of 40-70 children.
  - Created lesson plans and ran programs specific to 4th and 5th graders with the goal of fostering development in the following areas: sports and recreation, education, arts, health and wellness, workforce readiness, character and leadership.
- 2nd and 3rd grade supervisor:
  - Managed a team of 2-4 staff and a group of 40-70 children.
  - Created lesson plans and ran programs specific to 2nd and 3rd graders with the goal of fostering development in the following areas: sports and recreation, education, arts, health and wellness, workforce readiness, character and leadership.
- Games room supervisor:
  - Provided instruction on how to play various table games such as ping-pong, foosball, air hockey, and carpetball for children ages 5-12.
  - Organized and supervised tournaments for children ages 5-12.
- Homework tutor:
  - Provided after school homework tutoring services for children ages 5-12 in a variety of subjects including: Math, History, English, Geography, and Science.
- Field trip supervisor:
  - Managed a team of 2-3 field trip staff
  - Supervised a schedule of 10-15 fieldtrips per week during the summer program, each trip involving 5-10 staff members and 50-90 children ranging in age from 5-17.
  - Responsibilities included:
    - Scheduling staff members for fieldtrips
    - Communicating with managers and owners of venues to ensure the proper preparations are made for the trip
    - Maintaining lines of communication with parents to ensure that the special needs of each child is met during the trip (e.g. dietary restrictions, medicine...etc).

- Maintaining lines of communication with bus drivers to ensure a timely departure and arrival.
- Bus driver:
  - Studied for and passed a commercial driving exam to obtain a commercial driver's license (valid until April, 2027).
  - Transported children age 5-17 from their school to the Boys and Girls club.
  - Transported children age 5-17 to and from fieldtrips during the summer program. Recipient of the National
- Recipient of the Boys and Girls Club National Service to Youth Award (2020)