

AUDREY ELISE CONWAY ROBERTS, Ph. D.

I. Academic Degrees

- 2019 Ph.D. Education Sciences-Educational Policy Studies and Evaluation
University of Kentucky
Dissertation: *Validation of a School Climate Instrument using a Rasch Rating Scale Model*
- 2015 M.S. Educational Psychology University of Kentucky
- 2012 B.S. Psychology Centre College

II. Academic Positions

A. Teaching Positions

- 2020– present Assistant Professor, Educational Foundations, Leadership & Policy
Bowling Green State University
- 2019-2020 Assistant Teaching Professor, Educational Foundations, Leadership &
Policy
Bowling Green State University
- 2015-2016 Teaching Assistant, Educational Policy Studies and Evaluation
University of Kentucky
- 2014-2015 Instructor, Education, School, and Counseling Psychology
University of Kentucky

B. Administrative Positions

III. Non-Academic Positions

- 2016-2019 Research Assistant, Educational Policy Studies and Evaluation,
University of Kentucky
- 2016-2015 Research Assistant, Evaluation Center, University of Kentucky
- 2014-2013 Research Assistant, Department of Special Education, University of
Kentucky

IV. Teaching Experience of Academic Services

A. Teaching Experiences

1. Undergraduate Courses

EDP 202: Human Development and Learning, University of Kentucky (UK)

EDFI 3020: Educational Psychology, BGSU

2. Undergraduate-Graduate Courses

EDFI 4020/5020: Assessment and Evaluation in Education, BGSU

3. Graduate Courses

EDP/EPE 660: Research Design and Analysis in Education, UK

EDFI 6420: Research in Education, BGSU

EDFI 6450: Using K-12 Assessment Data to Improve Practice, BGSU

4. Other Teaching

2012-2013 Teacher, McCracken County Public Schools, Kentucky

5. Thesis and Dissertation Students:

<u>Name</u>	<u>Degree</u>	<u>Year</u>	<u>University</u>
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6. Membership on Dissertation Committees:

<u>Name</u>	<u>Degree</u>	<u>Year</u>	<u>University</u>
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Morgan McDougall	Ph.D.	2022	BGSU
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Emily Creamer	Ph.D.	2021	BGSU
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7. Membership on Thesis Committees:

<u>Name</u>	<u>Degree</u>	<u>Year</u>	<u>University</u>
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Abayomi Abodunrin	M.S	2021	BGSU
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V. Curriculum Development

A. Course & Programs of Study

EDFI 6550 Applied Educational and Psychological Measurement-In approval process

B. Workshops

None

C. Educational Materials

None

VI. Professional Development

Spring 2021	Modern Meta-Analysis Research, American Educational Research Association Inter-University Consortium for Political and Social Research
Fall 2020	Creating Engaging Micro-Learning Videos, Center for Faculty Excellence, Bowling Green State University
Fall 2020	Introduction to Open Textbooks Workshop, University Libraries, Bowling Green State University
Fall 2020	Formative Assessment for Classroom Teachers (FACT) Webinar, National Council for Measurement in Education Classroom Assessment Task Force
Summer 2020	edTPA Task 3 Deep Dive Webinar, American Association of Colleges for Teacher Education
Spring 2020	Learning Experience Design Workshop, Bowling Green State University
Spring 2020	Teaching & Learning Certificate, Center for Faculty Excellence, Bowling Green State University
Fall 2019	Active Learning Certificate, Bowling Green State University

VII. Academic Advising

A. Undergraduate

<u>Year</u>	<u>Number of Students</u>
2016	###

B. Graduate

<u>Year</u>	<u>Number of Students</u>
2016	###

VIII. Research Interests

School Effectiveness, School & Classroom Climate, Self-Determination Theory, Quantitative methodologies, Instrument validation

IX. Research Projects and Grants

Co-Principal Investigator, Racial Equity in Higher Education During Times of Crisis, Spencer Foundation Research Grants on Education: Racial Equity Special Grant Program, PI: Margaret Booth, Bowling Green State University, Co-PIs: Julie Matuga, Chloe Koscheva. \$75,000, 2020-2022. Unfunded.

Co-Principal Investigator, Academic Achievement from Adolescence to Young Adulthood: The Implications of Self-Efficacy, Ethnic Identity, and Stereotype Threat. Spencer Foundation Research Grants on Education, PI: Margaret Booth, Bowling Green State University, Co-PIs: Jean Gerard, Wendy Manning. \$60,000, 2020-2022. Unfunded.

Co-Principal Investigator, Educating University Students during a Pandemic: The Link between Learning Environments and Academic Achievement, Spencer Foundation Research Grants on Education: COVID-19 Related Special Grant Program, PI: Margaret Booth, Bowling Green State University, Co-PIs: Julie Matuga, Savilla Banister, Andy Alt, & Mitch Miller. \$50,000, 2020-2022. Unfunded.

Co-Principal Investigator, Academic Achievement from Adolescence to Young Adulthood: Implications of Self-Efficacy, Ethnic Identity, and Stereotype Threat. Spencer Foundation Research Grants on Education, PI: Margaret Booth, Bowling Green State University, Co-PIs: Jean Gerard, Wendy Manning. \$50,000, 2020-2022. Unfunded.

X. Publications or Equivalencies

A. Publications

1. Books

(a) Textbooks

None

(b) Scholarly books

None

(c) Anthologies

None

(d) Chapters of books

None

(e) Indexes and other bibliographic texts

None

2. Journal Articles

(a) Refereed articles

(1) Journals

Roberts, A.C., Waddington, R. J., Sampson, S. (In progress). Differential item functioning in a school climate instrument: Does a one-size instrument fit all schools? *Educational and Psychological Measurement*

Berends, M., Waddington, R. J., Roberts, A. C., & Fitzpatrick, B. (In progress). Understanding the variation in school achievement across public, charter, and voucher-participating private schools using school effectiveness indicators. *American Educational Research Journal*.

Booth, M. Z., Roberts, A. C., Gerard, J. M., Gilfillan, E. H. (2021). Adolescent perceptions of school climate, attitude toward school, and self-efficacy: The intersectionality of race and gender. (Under review). *Contemporary Educational Psychology*

LaVenía, K., Roberts, A. C., Johnson, P. (Under review). Predicting levy success. *Journal of Education Finance*

Roberts, T., Maiorca, C., & **Roberts, A. C.** (2019). Positively influencing preservice elementary teachers' mathematics conceptions and content knowledge. *Ohio Journal of Teacher Education*, 33(2), 20-34.

(2) Proceedings

Matuga, J. M., Booth, M. Z., Roberts, A. E., & Koscheva, C. (2021). Perceptions of metacognitive and self-regulation strategy use of undergraduate students during the COVID-19 pandemic. *International Technology, Education and Development Conference*. <https://doi.org/10.21125/inted.2021>

(b) Non-refereed articles

(1) Journals

None

(2) Newsletters

None

(3) Miscellaneous

Roberts, A. C. (2019). Validation of a school climate instrument using a Rasch rating scale model. *Theses and Dissertations--Education Science*. 49. https://uknowledge.uky.edu/edsc_etds/49

(c) Editorship of journals

None

3. Book Reviews

None

4. Abstracts

None

5. Reports

(a) Published

None

(b) Unpublished

None

XI. Papers Read to Professional Societies

A. Invited Papers

None

B. Refereed Papers

Roberts, A. C., LaVenja, K. & Johnson, P. (2021). Predicting Ohio school levy success. Paper presented at the American Educational Research Association Conference, Virtual.

Roberts, T., Maiorca, C., & **Roberts, A. C.** (2021). A mixed methods exploration of first year inclusive preservice teachers' conceptions of teaching mathematics. Paper presentet at the American Educational Research Association Conference, Virtual.

Booth, M. Z., **Roberts, A. C.**, Gerard, J. M., Gilfillan, E. H. (2021). Adolescent perceptions of school climate, attitude toward school, and self-efficacy: The intersectionality of race and gender. Paper presented at the Eastern Educational Research Association Annual Conference, Virtual.

Roberts, A. C. (2019). Filling in the gaps: Descriptive analysis of teachers' school climate perceptions. Paper presented at the Midwestern Educational Research Association Conference, Cincinnati, OH.

Waddington, R. J., **Roberts, A. C.**, Berends, M., & Dallavis, J. (2019). Understanding the moderating impacts of "Effective Schools" characteristics on voucher program-participating students' achievement in Indiana. Paper presented at the Association for Education Finance and Policy Annual Conference, Kansas City, MO.

Roberts, A. C., & Sampson, S. (2018). *Validation and DIF analysis of a school climate measure*. Paper presented at the Midwestern Educational Research Association Conference, Cincinnati, OH.

Conway, A. E., & Sampson, S. (2018). *Appropriate for all? Rasch analysis of a scale for teachers' perceived challenges*. Paper presented at the American Educational Research Association Conference, New York City, NY.

Conway, A. E., & Bradley, K. (2017). *A review of higher education evaluation centers: Similarities, differences and a framework for success*. Poster presented at the American Educational Research Association Conference, San Antonio, TX.

Conway, A. E. (2016). *Autonomy support in a postsecondary classroom*. Paper presented for roundtable presentation at the Eastern Educational Research Association Conference, Hilton Head, SC.

Dias, J. R., **Conway, A. E.**, Hall, A. G., Husk, R. M., Butz, A. R., & Usher, E. L. (2015) *What's stopping you? College barriers among rural Appalachian students*. Poster presented at the Association for Psychological Science Convention, New York City, NY.

C. Non-refereed Papers

None

XII. Service

A. School

2020-Present Adolescent to Young Adult Education Liaison

2020-Present Curriculum Committee

2019-2020 Inclusive Early Childhood Education Liaison

B. College

2019-2020 Ad-hoc CAEP Assessment Committee

2020-Present Scholarship Committee

C. University

2020-Present Senate Committee on Professional Affairs

2019 Reviewer, Panhellenic Scholarship

2019-Present Judge for Center for Undergraduate Research and Scholarship Conference

D. Professional

2021-Present Program Chair, Rasch Measurement Special Interest Group, American Educational Research Association

2021 Chair for 2 sessions, American Education Research Association Annual Conference

2019-Present Program Chair, Division H, Midwestern Educational Research Association

2019-Present Proposal Reviewer, American Educational Research Association Conference

2020-Present Manuscript Review, Investigations in Mathematics Learning

2020-Present Manuscript Review, Mid-Western Educational Researcher

2020-Present Manuscript Review, Cogent Education

2020 Book Chapter Review, SAGE Publications

XIII. Research or Professional Consultantships

2018 Quantitative Data Analyst, Center for Assessment and Evaluation Services, Bowling Green State University

2018 External Evaluator, Office of Strategic Planning and Institutional Effectiveness, University of Kentucky

XIV. Membership in Professional Organizations

Mid-Western Educational Research Association

American Educational Research Association

Eastern Educational Research Association

XV. Honors and Awards

A. Memberships in Honor Societies

None

B. Awards

None