

Curriculum Vitae

Amanda R. Baker, Ph.D.

Assistant Professor, Educational Psychology and Learning Sciences
School of Education, Iowa State University
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EDUCATION

Ph.D. in Educational Policy & Leadership 2017

Department of Educational Studies, The Ohio State University

Specialization: Educational Psychology

Committee: Lynley H. Anderman (Chair), Eric M. Anderman, Susan R. Jones, Ann A. O'Connell

Dissertation: Epistemic Profiles, Dissonance Negotiation, Postsecondary Service-Learning Outcomes

M.A. in Educational Policy & Leadership 2014

Department of Educational Studies, The Ohio State University

Specialization: Educational Psychology

Committee: Eric M. Anderman (Chair), Ann A. O'Connell

Thesis: Investigating the Connection between Task Value Beliefs and Engagement in a Sample of Graduate and Undergraduate Students

B.S. in Psychology 2011

Department of Psychology, The Ohio State University

Minor: English

Thesis Advisor: Hal A. Arkes

Thesis: Cue Usage in Conscious and Unconscious Thought

PROFESSIONAL EXPERIENCE

2017 – Present	Assistant Professor, School of Education, Iowa State University
2014 – 2017	Research Associate, Center for the Study of Student Life, The Ohio State University
2013 – 2014	Graduate Teaching Assistant, Department of Educational Studies, The Ohio State University
2012 - 2014	Graduate Research Assistant, Department of Educational Studies, The Ohio State University
2011 – 2012	Graduate Fellow, Department of Educational Studies, The Ohio State University

HONORS AND AWARDS

- 2018 American Psychological Association Division 15 Paul R. Pintrich Outstanding Dissertation Award
- 2016 American Psychological Association Division 15 Dissertation Research Award
- 2015 American Educational Research Association Motivation in Education SIG Travel Award
- 2011 Jules B. LaPidus Distinguished University Fellowship, The Ohio State University

PUBLICATIONS

Peer-Reviewed Journal Articles

5. **Baker, A. R.** (in press). Implications of financial concerns for college goal commitment among undergraduate students in the United States. *Social Psychology of Education*.
4. **Baker, A. R.**, & Montalto, C. P. (in press). Student loan debt and financial stress: Implications for academic performance (Research Brief). *Journal of College Student Development*.
3. **Baker, A. R.**, Lin, T-J., Chen, J., Paul, N., Anderson, R. C., Nguyen-Jahiel, K. T. (2017). Effects of teacher framing on student engagement during Collaborative Reasoning discussions. *Contemporary Educational Psychology*, 51, 253-266.
2. **Baker, A. R.**, McDaniel, A., & Andrews, B. (2017). The impact of student loans on college access, completion, and returns. *Sociology Compass*, 11(6), e12480. doi: 10.1111/soc4.12480
1. Lin, T-J., Jadallah, M., Anderson, R. C., **Baker, A. R.**, Nguyen-Jahiel, K. N., Kim, I-H.,..., Wu, X. (2015). Less is more: Teachers' influence during peer collaboration. *Journal of Educational Psychology*, 2, 609-629. doi: 10.1037/a0037758

Journal Articles under Review or in Revision

- Taylor, K. B. & **Baker, A. R.** (in revision). The role of discomfort in collegiate learning and development.
- Montalto, C. P., Phillips, E. L., McDaniel, A., & **Baker, A. R.** (in revision). College student financial wellness: Student loans and beyond.

Manuscripts in Preparation

- Baker, A. R.** (in preparation). Are epistemic profiles associated with differences in dissonance negotiation and conceptual change among service-learning participants?

Other Publications

Baker, A. R., Benici, S., Clancy, S., Dynia, J., Hans, A., Henry, B. A., Hill, H. B., Kovach, K. M., Schmitt, M. B., Way, D. P. (2013). Afterword to 50th Anniversary Special Edition. *Theory Into Practice*, 51, 1-4.

PRESENTATIONS

National and International Presentations

Baker, A. R. & (2018, August). *Individual and contextual differences in dissonance negotiation among service-learning participants*. Poster presented at the annual meeting of the American Psychological Association (Division 15), San Francisco, CA.

Baker, A. R. (2018, April). *Are epistemic profiles associated with differences in dissonance negotiation and belief change among service-learning participants?* Paper presented at the annual meeting of the American Educational Research Association, New York, NY.

Baker, A. R. (2017, August). *Individual differences in the epistemic profiles of postsecondary service-learning participants*. Poster presented at the annual meeting of the American Psychological Association (Division 15), Washington, D.C.

Baker, A. R., & Montalto, C. (2017, April). *Student loan debt and financial stress: Implications for academic performance*. Poster presented at the annual meeting of the American Educational Research Association, San Antonio, TX.

Phillips, E., **Baker, A. R.,** & McDaniel, A. (2017, March). *Financial wellness among students with dependent children*. Presentation at the annual meeting of College Student Educators International (ACPA), Columbus, OH.

Baker, A. R. & Taylor, K. B. (2016, November). *Examining the role of discomfort in collegiate learning and development*. Presentation at the annual meeting of the Association for the Study of Higher Education (ASHE), Columbus, OH.

Baker, A. R. (2016, November). *Exploring the relationships between student loan debt, financial stress, and students' goals for college*. Presentation at the annual meeting of the Association for the Study of Higher Education (ASHE), Columbus, OH.

Baker, A. R., Taylor, K. B., & Oaks, D. J. (2016, March). *Converting data into decisions: The interpretation, communication, and use of qualitative assessment*. Presentation at the annual meeting of Student Affairs Administrators in Higher Education (NASPA), Indianapolis, IN.

Baker, A. R. (2015, April). *Investigating the relations between task value beliefs, employment, and behavioral engagement in a sample of graduate and undergraduate students*. Poster presented at the annual meeting of the American Educational Research Association, Chicago, IL.

Baker, A. R., Janssen, B. W., & Zircher, A. (2015, March). *College student beliefs and first-year student engagement*. Poster presented at the annual meeting of College Student Educators International (ACPA), Tampa, FL.

Porter, L. M., **Baker, A. R.**, Love, R., & O'Connell, A. (2014, August). *Barriers to access and retention in care for HIV+ women in Ohio*. Poster presented at the annual meeting of the American Psychological Association, Washington, D.C.

Baker, A. R., Lin, T-J., Chen, J., Paul, N., & Anderson, R. C. (2014, April). *Effects of teacher framing on student engagement during collaborative reasoning*. Paper presented at the annual meeting of the American Educational Research Association, Philadelphia, PA.

Lin, T., Jadallah, M., Anderson, R. C., & **Baker, A. R.** (2013, April). *Less is more: Teachers' influence in peer collaboration*. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.

Baker, A. R. & Arkes, H. A. (2010, November). *Cue usage in conscious and unconscious thought*. Poster presented at annual meeting of the Society for Judgment and Decision Making, St. Louis, MO.

Regional and Local Presentations

Baker, A. R. (2018, June). *Can we change students' perspectives on inequality? A multi-method analysis of the student and program characteristics associated with service-learning outcomes*. Presentation presented at the Student Affairs Assessment and Research Conference, Columbus, OH.

Van Jura, M. & **Baker, A.R.** (2016, June). *It takes a nation and a village: Using national survey data to improve institutional practices in leadership education*. Presented at the Student Affairs Assessment and Research Conference, Columbus, OH.

McDaniel, A., **Baker, A.R.**, Shaulskiy, S. (2014, July). *Who considers dropping out of college because of debt? Gender, race and institutional differences*. Presented at the National Summit on Financial Wellness, Columbus, OH.

Baker, A. R. (2014, February). *Using values for college to predict student achievement and expectations for success*. Poster presented at the 28th Annual Edward F. Hayes Graduate Research Forum, Columbus, OH.

Baker, A. R. (2014, February). *Investigating the links between expectancies, values, and achievement in higher education*. Paper presented at the College of Education and Human Ecology Research Forum, Columbus, OH.

Baker, A. R., & Janssen, B. W. (2014, January). *Defining success in college: Exploring multiple definitions of student success*. Presentation at the annual meeting of the Ohio College Personnel Association/Ohio Association of Student Personnel Administrators, Worthington, OH.

Baker, A. R. & Janssen, B. W. (2013, June). *Exploring the link between scholarships, academic motivation, and involvement among students enrolled in the College of Education and Human Ecology*. Poster presented at the annual Student Affairs Assessment and Research Conference, Columbus, OH.

Baker, A. R., Porter, L. M., & O'Connell, A. A. (2013, May). *Barriers to access to and retention in care for HIV+ women in Ohio*. Poster presented at the annual meeting of the Ohio Public Health Association, Columbus, OH.

Baker, A. R., Porter, L. M., O'Connell, A. A. (2013, January). *Using motivation theory to understand the health care behaviors of HIV+ women*. Poster presented at the College of Education and Human Ecology Research Forum, Columbus, OH.

FUNDING

Grants Awarded

Dec. 2017 *Principal Investigator*. Promoting student engagement and productive group dynamics in team-based learning calculus courses. **Iowa State University Miller Faculty Fellowship**. Co-Investigator: Heather Bolles. (Awarded: \$14,986).

Grants Submitted

Nov. 2017 *Principal Investigator*. Using a flipped classroom to promote active learning in educational psychology courses. **Iowa State College of Human Sciences Innovative Teaching Initiatives Grant**. Co-Investigators: Heidi Doellinger, Lisa Woolery, & Jeanne Connelly. (Requested: \$20,000). Not awarded.

TEACHING EXPERIENCE

2018 – Present **CI 533: Educational Psychology of Learning and Cognition**
School of Education, Iowa State University

2017 – Present **CI 333: Educational Psychology for Secondary Education Teachers**
School of Education, Iowa State University

2013 – 2014 **ESE PSY 2309: Psychological Perspectives on Education**
Department of Educational Studies, The Ohio State University

RESEARCH PROJECTS

2018 - Present **Student Engagement in Team-Based Learning Calculus Courses**
College of Human Sciences & College of Liberal Arts and Sciences, Iowa State University
Co-PIs: Amanda Baker & Heather Bolles

Examining student engagement, social dynamics, and persistence in introductory calculus courses with a team-based learning design.

2016 - Present **Epistemic Cognition and Dissonance Negotiation in Service-Learning Contexts**

College of Human Sciences, Iowa State University

PI: Amanda Baker

Examining the association between students' perspectives on knowledge, responses to dissonance, and learning in postsecondary service-learning.

2014 - Present

Study on Collegiate Financial Wellness

Center for the Study of Student Life, The Ohio State University

PI: Anne McDaniel

Multi-institutional survey assessin undergraduate student financial wellness and its association with academic motivation, engagement, and performance.

2012 - 2014

College Student Scholarships and Motivation Project

College of Education and Human Ecology, The Ohio State University

PI: Brian Janssen

Survey study of the relationship between finances, motivation, and academic engagement of graduate and undergraduate students.

2012 - 2013

Teaching Practices in Collaborative Argumentation

Department of Educational Studies, The Ohio State University

PI: Tzu-Jung Lin

Analyzed videotaped small-group Collaborative Reasoning discussions to investigate the link between instructional practices, student engagement, and cognitive reasoning.

2012 - 2013

Access to and Retention in Care for HIV+ Women

Department of Educational Studies, The Ohio State University

PI: Ann O'Connell

Used in-depth qualitative interviews to examine the psychosocial and structural factors influencing engagement in HIV care for women in Ohio.

2011 - 2012

Middle School Transitions Project

Department of Educational Studies, The Ohio State University

PI: Antoinette Errante

Mixed-methods project studying the effect of school contexts and policies on 6th grader middle school transitions and absenteeism.

SERVICE ACTIVITIES

University and Departmental Service Activities

2017 – present Member, K12/Secondary Education Committee, School of Education, Iowa State University

2017 – present Member, Early Childhood/Elementary Education Committee, School of

	Education, Iowa State University
2017 – 2018	Ad-Hoc Secondary Education Major Committee, School of Education, Iowa State University
2017 – 2018	Ad-Hoc Pre-major Course Revision Committee, School of Education, Iowa State University
2016 – 2017	Research/Assessment Working Group, Standing Committee on Student Success and Retention, The Ohio State University
2015 – 2017	Member, Student Life Leadership Collaborative, The Ohio State University
2015 – 2016	Co-founder and coordinator, Community of Appalachian Student Leaders, The Ohio State University
2014 – 2015	Teaching Mentor, Educational Studies Teaching Associates, The Ohio State University

Professional Service Activities

2018 – 2019	Secretary/Treasurer, American Educational Research Association Teaching Educational Psychology Special Interest Group
2018	Served as a member of The Academic Job Search panel for the Division 15 Graduate Student Seminar of the American Psychological Association (San Francisco, CA)
2018	Reviewed submissions for the annual meeting of the American Educational Research Association (Division C, Motivation in Education SIG, Teaching Educational Psychology SIG)
2017	Reviewed submissions for the annual meeting of the American Psychological Association (Division 15)
2017	Reviewed submissions for the annual meeting of the American Educational Research Association (Division C, Motivation in Education SIG)

PROFESSIONAL AFFILIATIONS

American Educational Research Association

Division C: Learning & Instruction

Division J: Postsecondary Education

Motivation in Education Special Interest Group

Teaching Educational Psychology Special Interest Group

American Psychological Association

Division 15: Educational Psychology

CERTIFICATES AND TRAINING

- 2018 **Flipped Classroom and Team-based Learning**
Center for Excellence in Learning and Teaching, Iowa State University
Participating in 5-week workshop series on flipped classroom designs and team-based learning in preparation for redesign of CI 333 course.
- 2013 **Course Design Institute**
University Center for the Advancement of Teaching, Ohio State University
Participated on one-week intensive training on course curriculum and assessment design using backward planning.

Additional Skills

SPSS

Stata

Mplus

QSR NVIVO

Dedoose