

**AMY ROBERSON HAYES**

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**EDUCATION**

- Ph. D.                      Developmental Psychology, 2014  
University of Texas at Austin  
Research Advisor: Rebecca S. Bigler, Ph.D.
- M.A.                        Developmental Psychology, 2010  
University of Texas at Austin  
Research Advisor: Rebecca S. Bigler, Ph.D.
- B.A.                        Psychology and Sociology, *summa cum laude*, 2008  
Washington and Lee University

**ACADEMIC EMPLOYMENT**

- 2014- Present            Assistant Professor  
University of Texas at Tyler

**PUBLICATIONS**

- Hayes, A. R., Bigler, R. S., & Weisgram, E. S.** (2018). Of men and money: Characteristics of occupations that affect the gender differentiation of children's occupational interests. *Sex Roles*, 78, 775-788. doi: 10.1007/s11199-017-0846-8
- Fulcher, M., & **Hayes, A. R.** (2018). Building a pink dinosaur: The effects of gendered LEGO sets on boys' and girls' play. *Sex Roles*, 79, 273-284. doi: 10.1007/s11199-017-0806-3
- Bigler, R. S., **Hayes, A. R.**, & Patterson, M. (2017). Social striving: Social group membership and its relation to competence and motivation. In Elliott, A., Dweck, C.S., & Yeager, D.S. (Eds.), *Handbook of Competence and Motivation (2nd Edition): Theory and Application*.
- Hayes, A. R., & Klueppel\*, L.** (2016). Theories of gender. In E. Stocks (Ed.), *The Gale Researcher*, Vol. X. Farmington Hills, NJ: Gale.
- Masters\*, S. L., Helfers\*, S. E., & **Hayes, A. R.** (2016). An overview of gender research. In E. Stocks (Ed.), *The Gale Researcher*, Vol. X. Farmington Hills, NJ: Gale.
- Helfers\*, S. E., Masters\*, S. L., & **Hayes, A. R.** (2016). Sex, gender, and biology. In E. Stocks (Ed.), *The Gale Researcher*, Vol. X. Farmington Hills, NJ: Gale.

**Hayes, A. R., & Bigler, R. S. (2015).** Postbaccalaureate STEM students' perceptions of their training: Exploring the intersection of gender and nativity. *International Journal of Gender, Science, and Technology*, 7, 180-204.

Bigler, R. S., **Hayes, A. R., & Liben, L. S. (2015).** Analysis and evaluation of the rationales for single-sex schooling. In L. S. Liben and R.S. Bigler (Eds.), *Advances in Child Behavior and Development*, 47, 225-260.

**Hayes, A.R., & Bigler, R.S. (2013).** Values, perceptions of discrimination, and graduate training in STEM fields, *International Journal of Gender, Science and Technology*, 5, 255-280.

Signorella, M. L., **Hayes, A.R., & Li, Y. (2013).** A meta-analytic critique of Mael et al.'s (2005) review of single-sex schooling. *Sex Roles*, 69,423-441. doi: 10.1007/s11199-013-0288-x.

Bigler, R. S., **Hayes, A. R., & Hamilton\*, V. (2013).** The role of schools in the early socialization of differences in boys and girls. Martin C., topic ed. In R.E. Tremblay, M. Boivin, and R. Peters (Eds.), *Encyclopedia on Early Childhood Development* [online]. Montreal, Quebec: Centre of Excellence for Early Childhood Development and Strategic Knowledge Cluster on Early Child Development.

**Hayes, A. R., Pahlke, E., & Bigler, R.S. (2011).** The efficacy of single-sex education: Testing for selection and peer quality effects. *Sex Roles*, 65, 693-703.

## GRANT ACTIVITY

**Co-investigator**, Greater Texas Foundation, 2018-2020. Total costs: \$865, 963. "Advancing inquiry in middle mathematics for rural East Texas: Promoting Successful postsecondary pathways through mathematics problem solving in middle grades." Funded.

**Co-investigator**, National Science Foundation, 2016. "NSF Advance-IT: Increasing the Participation and Advancement of Women Faculty in STEM at The University of Texas at Tyler" (NSF-14-573). Unfunded.

## MANUSCRIPTS UNDER REVIEW

Patterson, M. M., Bigler, R. S., Pahlke, E., Brown, C. S., **Hayes, A. R.**, Ramirez, M. C., & Nelson, A. (under review). Toward a developmental science of politics. *Monographs of the Society for Research in Child Development*.

**Hayes, A. R., & Masters\*, S. (under review).** Pathways among masculinity, femininity, and health behaviors among emerging adults. *Emerging Adulthood*.

**Hayes, A.R., & Bigler, R.S. (under review).** Transparent versus opaque explanations for social groups and the development of intergroup attitudes and behaviors. *Social Development*.

## SELECTED MANUSCRIPTS IN PREPARATION

**Hayes, A. R., Jaimes, H., & Bigler, R. S., & Umana-Taylor, A. (in preparation).** Ethnicity and the attribution of occupational prestige in European American and Latino children.

**Hayes, A.R., & Bigler, R.S. (in preparation).** The effects of single-sex schools on gender essentialist beliefs.

**Hayes, A. R., Fulcher, M., & Bigler, R. S. (in preparation).** Mechanisms via which occupational gender segregation affects occupational interests and aspirations.

### CONFERENCE PRESENTATIONS

**Hayes, A. R., Hixson, K., & Lamb, J. (2018, October).** Math attitudes, anxiety, and future academic goals of adolescent girls and boys. Poster to be presented at the Biennial Gender Development Research Conference in San Francisco, CA.

**Hayes, A. R., Hixson\*, K. J., & Masters\*, S. L. (2018, July).** Gender differences in perceptions of work-ethic and ability in college STEM classes. Paper presented at the biennial Gender and STEM Network Conference in Eugene, OR.

**Hayes, A. R., & Fulcher, M. (2017, April).** Imagining a chilly climate: Gender composition of workplaces impacts young peoples' perceptions of jobs. Paper to be presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.

**Hayes, A. R., & Klueppel\*, L. (2017, April).** The Parenting penalty: How gender and parental status affect children's perceptions of workers. Paper to be presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.

**Hayes, A. R., & Hixson\*, K. (2016, October).** Perceptions of gender climate among STEM and non-STEM faculty. Poster presented at the 7<sup>th</sup> bi-annual Gender Development Research Conference, San Francisco, California.

Masters\*, S., & **Hayes, A. R. (2016, October).** Psychological androgyny, adaptability, and health in college students. Poster presented at the 7<sup>th</sup> bi-annual Gender Development Research Conference, San Francisco, California.

**Hayes, A. R., Bigler, R. S., Jaimes\*, H. J., & Umana-Taylor, A. (2015, March).** Beyond the IAT: Measuring implicit ethnic attitudes using occupational judgments and memory tasks. In. D. Cvencek (Chair), *Implicit and explicit representations of self and in-groups*. Symposium presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.

**Hayes, A. R., & Robnett, R. D. (2014, October).** Predicting STEM Identity and Commitment among High School Students. Poster presented at the 6<sup>th</sup> bi-annual Gender Development Research Conference, San Francisco, California.

Bigler, R. S., & **Hayes, A. R. (2014, July).** Single-sex classrooms and STEM: Does the absence of male classmates promote girls' interest and achievement? In S. Simpkins (Chair), *Looking*

*beyond teachers: The importance of parents and peers in youths' pursuit of STEM.* Symposium conducted at the International Gender and STEM conference, Berlin, Germany.

**Hayes, A. R., & Bigler, R. S.** (2014, July). *The experience of graduate STEM training in the U.S. among U.S. and international students: Effects of gender, nativity, and intersectionality.* Poster presented at the International Gender and STEM conference, Berlin, Germany.

Weisgram, E. S., & **Hayes, A. R.** (2014, April). Gender differences in the prioritization of occupational values among American young adults. In R. Lazarides (Chair), *Gender and educational and occupational choices: International Perspectives.* Symposium conducted at the annual meeting of the American Educational Research Association, Philadelphia, Pennsylvania.

**Hayes, A. R., & Bigler, R. S.** (2013, April). Transparent versus opaque explanations for social groups and the development of intergroup attitudes and behavior. In R. S. Bigler (Chair), *Mechanisms of intergroup attitude formation and function: New insights from novel group paradigms.* Symposium conducted at the biennial meeting for the Society for Research in Child Development, Seattle, Washington.

Bigler, R. S., **Hayes, A. R., & Liben, L. S.** (2013, April). When, why, and how the gender composition of classrooms affects students. In R. S. Bigler (Chair), *Public Single-Sex Education: Dysfunctional Segregation or Desirable Solution?* Invited symposium conducted at the biennial meeting for the Society for Research in Child Development, Seattle, Washington.

**Hayes, A. R.** (2012, October). *Boys and girls apart: A critical analysis of single-sex schooling.* Invited speaker at Washington and Lee University, Lexington, Virginia.

**Hayes, A. R., & Bigler, R. S.** (2012, September). The role of values, gender discrimination, and mentoring in men's and women's satisfaction with their STEM graduate training. In H. Watt (Chair), *STEM participation: Individual motivations, perceptions, and cultural values.* Symposium conducted at Dutch National Expert Organisation on Girls/Women and Science/Technology Gender and STEM conference, Haarlem, the Netherlands.

**Hayes, A. R., & Bigler, R. S.** (2012, April). *Demographic, attitudinal, and contextual factors associated with adults' support for single-sex schooling.* Poster presented at the 5<sup>th</sup> bi-annual Gender Development Research Conference, San Francisco, California.

Signorella, M., & **Hayes, A. R.** (2012, April). Dependent variables, designs, and data analytic decisions: Evidence on the effects of single-sex schools. In R.S. Bigler (Chair), *The state of single-sex schooling: Theoretical, empirical, methodological, and legal issues.* Symposium conducted at the annual meeting of the American Educational Research Association, Vancouver, British Columbia.

**Hayes, A.R., Weisgram, E.S., & Bigler, R.S.** (2011, April). Gender differentiation of occupational values across the lifespan. In R. S. Bigler (Chair), *Finding meaningful work: Values, gender, and the pursuit of academic and occupational interests.* Symposium conducted at the biennial meeting of the Society of Research on Child Development, Montreal, Quebec.

**Hayes, A.R.,** Weisgram, E.S., & Bigler, R.S. (2011, April). *Effects of value affordances and sex of worker on children's occupational interests*. Poster presented at the biennial meeting of the Society of Research on Child Development, Montreal, Quebec.

**Hayes, A. R., & Bigler, R. S.** (2010, April). *Postulating and testing mechanisms via which single-sex schools affect girls' academic outcomes in math and science*. Poster presented at the 4<sup>th</sup> annual Gender Development Research Conference, San Francisco, California.

Wright, Y., **Hayes, A. R.,** Pahlke, E., & Bigler, R.S. (2010, April). *Exploring relations among gender identity, gender attitudes, and leadership orientation for early adolescent girls*. Poster presented at the 4<sup>th</sup> annual Gender Development Research Conference, San Francisco, California.

**Roberson, A. E., & Bigler, R. S.** (2010, March). *Effects of single-sex versus coeducational contexts on adolescent girls' performance and persistence in math and science*. Poster presented at the biennial meeting of the Society for Research on Adolescence, Philadelphia, Pennsylvania.

## **DEPARTMENTAL, COLLEGE, UNIVERSITY AND COMMUNITY SERVICE**

### University Level Committees

University of Texas-Tyler Representative to the Texas Higher Education Coordinating Board,  
Field of Study Committee, 2017-present

University Honors Committee, 2015- present

University Quality Enhancement Program (QEP) Committee, 2017-present

Faculty Senate Tenure and Promotion Review Committee, Spring 2017

Faculty Liaison for Student Research, Center for Excellence in Teaching and Learning,  
2017-Present

University Undergraduate Council, 2018-Present

University of Texas at Tyler Search Committee to select the new Vice President for Budget and  
Finance, Summer 2018

### College of Education and Psychology

Co-chairperson, CEP Vision 2020 Committee, 2015-2016

Diversity Committee, 2014-2016

Department of Educational Leadership Search Committee, 2014-2015

### Department of Psychology and Counseling

Undergraduate Committee, 2014-Present

Tenure and Promotion Revisions Committee, 2016-present

Undergraduate Faculty Search Committee, 2017- present

### Community Service

Community Survey Consultant, East Texas Alzheimer's Alliance, Fall 2016

## **AWARDS AND HONORS**

2017	Alpha Chi Honor Society Outstanding Faculty Award
2016	The Jack and Dorothy Fay White Honors Program Advocate Award The Honors Program, The University of Texas at Tyler
2012	Dissertation Research Funding Grant Department of Psychology, University of Texas at Austin
2012	Janet T. Spence Assistant Instructor Award University of Texas at Austin
2012	Wayne H. Holtzman Professional Development Award Recipient Department of Psychology, University of Texas at Austin
2011	Selected for the University of Texas Graduate Teaching Scholars Program
2011	Wayne H. Holtzman Award for Best Student Paper in Developmental Psychology
2011	Alma Carlson Award for a Teaching Assistant University of Texas at Austin
2011	UT Psychology Department Nominee for the Graduate School Outstanding Master's Thesis Award
2010	Emma Francis Clark Fellowship Recipient Awarded to one student from each area of the UT psychology department, based on academic merit.
2010	Debra Beth Lobliner Fellowship Recipient A competitive research fellowship awarded by the Developmental Area of the Psychology Department at the University of Texas at Austin.
2009	Debra Beth Lobliner Fellowship Recipient

### **COURSES TAUGHT**

Research Methods (undergraduate)  
Lifespan Development (undergraduate)  
Psychological Statistics (undergraduate)  
Honors in Psychology I (undergraduate)  
Honors in Psychology II (undergraduate)  
Advanced Human Growth and Development (graduate)

### **PROFESSIONAL AFFILIATIONS**

The Society for Research in Child Development

The American Educational Research Association  
International Gender and STEM Network  
The American Psychological Association  
The Society for Research in Adolescence