

Aaron R. Baggett

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Education

Ph.D. Educational Psychology, Baylor University, 2013 (Anticipated)
Concentrations: Measurement & Statistics, Learning & Development
M.Ed. Counseling and Human Development, Hardin-Simmons University, 2006
B.B.A. Religious Education/Psychology, Hardin-Simmons University, 2002

Professional Experience

University of Mary Hardin-Baylor, Department of Psychology
Instructor, 2013 – Present
Baylor University, Department of Educational Psychology
Research Assistant, 2012 – 2013
Baylor University, Department of Career Counseling
Career Counselor, 2007– 2012
Hardin-Simmons University, Department of Counseling and Human Development
Graduate Assistant, 2005 – 2006
Abilene Independent School District
Special Education Teacher Aide, 2005
Summer Grove Baptist Church
Associate Minister to Students, 2003 – 2004

Professional Licensure

Licensed Professional Counselor-Intern, Texas State Board of Examiners of Professional Counselors
(No. 63322)

Research Interests

Perceptual-cognitive skills among expert performers
Experimental design and research methods
Statistical methods and data visualization

Research

Peer-Reviewed Journal Articles

Bagby, J.H., **Baggett, A.R.**, & Sulak, T.N. (Submitted). Student veterans' experiences and perceptions of college: A nationwide exploratory mixed-methods analysis. *Journal of College Student Development*.

Baggett, A.R. and Morgan, G.B. (Submitted). Exploring the effects of non-wood baseball bat regulations on NCAA offensive performance, 2010–2011. *Journal of Sports Sciences*.

Morgan, G.B. and **Baggett, A.R.** (Submitted). Finite mixture modeling with nonnormal indicators: A Monte Carlo examination of fit indices for model selection. *SEM*.

Book Chapters

Baggett, A.R. (2011). A million ghosts: Moral development at West Point. In Burley, H. (Ed.). *Cases on institutional research systems*. Hershey, PA: IGI Global.

Works in Progress

A qualitative analysis of Baylor University student veterans' deployment and academic transitions (in collaboration with Dr. Janet Bagby).

Exploring purpose in life and motivation to achieve among Division I student-athletes.

Influences on college student career selection: Validation of a career selection influences inventory.

Item analysis and validation of a test of high school baseball umpire knowledge of NFHS rules.

A regression analysis of expert/novice baseball umpire ball-strike decisions on game outcomes.

An exploratory application of statistical methods to the empirical study of 2011 World Series plate umpires' ball-strike judgment and decision-making.

Peer-Reviewed Conference Presentations

Student Veteran Transitions from Combat to College: A Nationwide Analysis, American Educational Research Association, Philadelphia, PA, April, 2014 (co-presenter).

Exploring the effects of non-wood baseball bat regulations on NCAA offensive performance, 2010–2011, Joint Statistical Meetings–American Statistical Association, Montreal, QC, August 2013.

Finite Mixture Modeling with Nonnormal Indicators: A Monte Carlo Examination of Fit Indices for Model Selection, American Educational Research Association Annual Conference, San Francisco, CA, May 2013 (co-presenter).

Student Veterans' Experiences and Perceptions of College: A Nationwide Exploratory Mixed-Methods Analysis, Southwest Educational Research Association Annual Conference, San Antonio, TX, February 2013 (co-presenter).

Finite Mixture Modeling with Nonnormal Indicators: A Monte Carlo Examination of Fit Indices for Model Selection, Southwest Educational Research Association Annual Conference, San Antonio, TX, February 2013 (co-presenter).

BBCOR Bats and Small Ball: Umpiring Sacrifice Bunts, Stolen Bases, and Baserunning Infractions, Texas Association of Sports Officials, Baseball Division Annual Conference, Houston, TX, January 2013.

An Exploratory Application of Statistical Methods to the Empirical Study of 2011 World Series Plate Umpires' Ball-Strike Judgment and Decision-Making, Society for American Baseball Research Annual Conference, Minneapolis, MN, June 2012.

Exploring Purpose in Life and Motivation to Achieve Among Division I Student-Athletes, Southwest Educational Research Association Annual Conference, New Orleans, LA, February 2012.

Understanding Perceptual-Cognitive Skills Among Expert Baseball Umpires, Texas Association of Sports Officials, Baseball Division Annual Conference, Dallas, TX, January 2012.

Developmental Aspects of the Pursuit of Meaning in Emerging Adults, Society for the Scientific Study of Religion Annual Meeting, Baltimore, MD, October 2010.

Who's Calling: Emerging Adults and the Pursuit of Meaning and Purpose, American College Counseling Association National Conference, St. Louis, MO, October 2010.

Understanding the Students We Serve: Living and Leading Lives of Meaning, Baylor University Professional and Organizational Development Seminar, October 2009.

Arrested Development: Psychological and Religious Aspects of the Pursuit of Meaning in Emerging Adults, 17th World Congress on Viktor Frankl's Logotherapy, Dallas, TX, June 2009.

Lost in Transition: Helping Students Succeed in College, Texas Counseling Association Secondary School Counselor's Conference, Austin, TX, February 2009.

The Last of the Human Freedoms: Helping Clients Find Meaning and Purpose in Life, continuing education workshop, Heart of Texas Counseling Association, Waco, TX, February 2009.

A Psychological and Religious Discussion of the Pursuit of Meaning in Emerging Adults, Christian Scholars Forum, University of Texas at Austin, Austin, TX, April 2008 (co-presenter).

Career Counseling as an Effective Method of First Year Student Retention and Transition to College, 27th Annual Conference on The First Year Experience, San Francisco, CA, February 2008 (co-presenter).

Grants and Travel Awards

National Collegiate Athletic Association, An exploration of Division I student-athletes' purpose in life and motivation to achieve. Amount sought: \$7,500 (unfunded)

Texas Veterans Commission, Baylor University student veterans assistance project. Amount sought: \$92,576 (unfunded). In collaboration with Dr. Janet Bagby

Baylor University Graduate School conference presentation travel grant, 2012

Baylor University Dept. of Educational Psychology conference presentation travel grant, 2012

Texas Counseling Association Tracy Wills Educational Endowment Grant, 2009

Baylor University Graduate School conference presentation travel grant, 2010

Honors, Awards, and Fellowships

Outstanding Paper: Southwest Education Research Association, 2013

- Morgan, G.B., & **Baggett, A.R.** (2013). Finite Mixture Modeling with Nonnormal Indicators: A Monte Carlo Examination of Fit Indices for Model Selection

Nominee: President, Region V, Texas Counseling Association, 2010

Texas College Counseling Association Emerging Leader, 2008/2009

Dr. and Mrs. O.E. Harper Scholarship, Hardin-Simmons University, 2006

Graduate Dean's Scholarship, Hardin-Simmons University, 2006

Graduate Dean's Scholarship, Hardin-Simmons University, 2005

Teaching Experience

University of Mary Hardin-Baylor

PSYC 1301 – General Psychology, spring 2013

PSYC 2305 – Statistics for the Behavioral and Social Sciences, fall 2013; spring 2014

PSYC 2323 – Research Methods in Psychology, spring 2013; fall 2013; spring 2014

PSYC 4316 – Experimental Psychology, fall 2013

PSYC 4390 – Human Behavior: Past and Present, spring 2014

Baylor University

EDP 5334 – Teaching Assistant, Statistical Methods, summer 2012

(Supervising professor: Dr. Alex Beaujean)

EDP 5332 – Teaching Assistant, Human Growth and Development, spring 2011

(Supervising professor: Dr. Janet Bagby)

HON 3200 – Man's Search for Meaning, Honors College Colloquium, spring/fall 2008, spring 2009

EDP 1101.03 – Identifying Future Careers, spring 2008

Invited Lectures and Talks

Integrating R and L^AT_EX in Scientific Research, Baylor University, EDP 6362 – Applied Multiple Regression Analysis, January 2013

Re-conceptualizing the Major League Baseball strike zone: Exploring objective and subjective differences in Major League umpires' ball/strike decisions. Winter Meeting: Austin Chapter of the Society of American Baseball Research, San Marcos, TX, January 2013.

Generating Dynamic Reports Using knitr and L^AT_EX, Baylor University, EDP 6365 – Latent Variable Models in Education, September 2012

Guest lecturer for four weeks, Baylor University, HP 4369 – Sport Psychology, fall 2012

University Service and Activities

Member, University Curriculum Change Committee, University of Mary Hardin-Baylor, 2013 – Present

Statistical analysis consultant, University of Mary Hardin-Baylor Institutional Testing and Research, fall 2013

Chair, Assessment Committee, Baylor University Paul L. Foster Success Center, 2009 – 2011

Ad-hoc Peer Reviewer

Journal of Quantitative Analysis in Sports, 2012 – Present

PracT_EX, 2012 – Present

Professional Memberships

American Statistical Association

Sections: Statistics in Sports, Statistical Graphics

Association for Psychological Science

American Educational Research Association

Division D – Measurement & Research Methodology

SIG – Cognition and Assessment

Southwest Educational Research Association

American Psychological Association

Divisions: 15 – Educational Psychology; and 47 – Sport, Exercise, and Performance Psychology

Society for American Baseball Research

Computing Skills

Scripting Languages

R, L^AT_EX, HTML, Markdown

Statistical Software

R, SPSS, Stata, JMP, MPlus

Operating Systems

Mac OS X, Microsoft Windows

Productivity Suites

Microsoft Office, Adobe Creative Suite

Personal Information

DOB: 03/30/1978

Wife: Lisa R. Baggett, M.D., M.P.H.

Children: Rhett Elisabeth Baggett

Hometown: Levelland, TX

Hobbies: Golf, umpiring Texas high school baseball, fitness and nutrition, traveling

Last updated: January 12, 2014