ANDREW E.F. IVERSON

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EDUCATION

Ph.D., Educational Psychology   **Expected 2017**
Washington State University

M.A., Psychology   **2013**
California State University, Fullerton
Thesis: Aversive Disablism in Juror Decision Making

B.A., Cognitive Science, cum laude.   **2007**
University of California, Irvine
Minor: Management

PROFESSIONAL EXPERIENCE

Graduate Research Assistant   **2013-Present**
Washington State University
Contributed to several research projects for the Learning and Research Performance Center including: the Item Response Theory validation of the genomic nursing concept inventory, a validity study of the Washington Assessment of the Risks and Needs of Students using latent profile analysis, and the development of psychometric software.

APA Tutor   **2012**
California State University, Fullerton
Directly tutored undergraduate students to assist them in applying statistical methods to their research, and APA formatting to their writing. Developed instructional documents as additional teaching resources.

Graduate Assistant   **2010-2012**
California State University, Fullerton
Assisted professors in instruction of Cognitive Science and Behavior courses. Met with students individually to advise on scientific and experimental methods. Graded 90% of written work completed during courses.

RESEARCH INTERESTS

Validity underscores much of my research interests, with an emphasis on fairness in testing. Within this area, my current focus is on the application of automated essay scoring (AES) systems as unbiased formative feedback tools. This requires identifying sources of non-invariance and resolving these underlying issues so that scores and their associated feedback can be considered fair.

PUBLICATIONS

Iverson, A.E.F., French, B.F., Gotch, C.M., Strand, P., & McCurley, C. *Understanding school truancy: risk-need latent profiles of adolescents.* Manuscript in Preparation.

Iverson, A.E.F., French, B.F., & Hand, B. *Critical thinking skills and science achievement: a latent profile analysis.* Manuscript in Preparation.

Ward, L.D., French, B. F., Barbosa-Leiker, C. & **Iverson, A.E.F.** (2016). Application of exploratory factor analysis and item response theory to validate the genomic nursing concept inventory. *Journal of Nursing Education, 55*(1), 9-17*.*

French, B.F., Finch, H., & **Iverson, A.E.F.** (2015). *Multilevel Differential Item Functioning Program, SAS version 1.0.1.* Available from the Learning and Performance Research Center, Washington State University.

PAPERS AND PRESENTATIONS

Iverson, A.E.F., French, B.F., & Hand, B. (April, 2016). *Critical thinking skills and science achievement: a latent profile analysis.* Paper to be presented at the 2016 American Educational Research Association annual meeting. Washington, D.C.

Iverson, A.E.F., French, B.F., Gotch, C.M., Strand, P., & McCurley, C. (April, 2016). *Understanding school truancy: risk-need latent profiles of adolescents.* Paper to be presented at the 2016 National Council on Measurement in Education annual meeting. Washington, D.C.

Ward, L., & **Iverson, A.E.F.** (September, 2015). *Item response theory of the genomic nursing concept inventory*. Invited participant at Washington State University, Analytical Brown Bag Series. Spokane, WA

Iverson, A.E.F., French, B.F., & Hand, B. (August, 2015). *Critical thinking skills and science achievement: a latent profile analysis.* Poster Presented at the Argument-Based Inquiry Conference. Spokane, WA

Iverson, A.E., & Espinoza, R. (August, 2013). *Aversive disablism in juror decision making*. Paper presented at the National Social Science Association Summer Seminar. San Francisco, CA

Iverson, A.E., & Espinoza, R. (April, 2012). *Aversive disablism in juror decision making*. Poster presented at the Western Psychological Association Conference. San Francisco, CA

Iverson, A.E., & Preston, K. (April, 2012). *Psychometric evaluation of the attitudes toward disabled persons scale*. Poster presented at the Western Psychological Association Conference. San Francisco, CA

AWARDS

Washington State University, *Three Minute Thesis,* 3rd place University competition, 1st place College of Education competition. Spring 2016.

Washington State University, Educational Psychology Graduate Student *Professional Development Grant*. Spring 2016.

Washington State University, Department of Educational Leadership, Sport Studies & Educational/Counseling Psychology *Professional Development Grant*. Fall 2015.

PROFESSIONAL DEVELOPMENT

A Second Course in Structural Equation Modeling, presented by Greg Hancock. Sponsored by the Learning and Performance Research Center, Washington State University. Summer 2015.
Graduate and Post-Doc, Writing Winning Grants. Sponsored by Washington State University. Fall 2014.
An Introduction to Latent Class and Latent Profile Analysis, presented by Bethany Bray. Sponsored by the Learning and Performance Research Center, Washington State University. Summer 2014.
Grant writing workshop. Sponsored by Washington State University. Fall 2013
A First Course in Structural Equation Modeling, presented by Greg Hancock. Sponsored by the Learning and Performance Research Center, Washington State University. Summer 2013.

SERVICE

Graduate Student Issues Committee Reviewer, NCME   **Fall 2015**

MEMBERSHIPS

American Educational Research Association
National Council on Measurement in Education