

## **Elizabeth Anderson, PhD**

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### **CV SYNOPSIS (BIOGRAPHY)**

Dr. Elizabeth Anderson, PhD has most recently been working as an Academic Analytics Researcher for K12, Inc while teaching graduate level research methods and statistics courses for the University of Denver, University of Colorado at Denver, and University of North Carolina at Charlotte. Dr. Anderson also has experience in program evaluation, grant writing, instructional design, and course conversions to hybrid or online versions. Dr Anderson's research focuses on learning analytics in the K-12 online learning environment.

### **EDUCATION: CREDENTIALS AND DEGREES**

#### **2017 PhD**

January 2017

University of Denver, Denver • 303-871-2000 • <https://www.du.edu/>

Attended August 2012 to January 2017

- Specialization: Research Methods and Statistics
- Dissertation Topic: Measurement of K-12 Online Student Engagement

#### **2012 Master's of Science**

February 2012

Walden University, Minneapolis • 866-492-5336 • <https://www.waldenu.edu/>

Attended August 2010 to February 2012

- Specialization: Instructional Design and Technology
- Certification: Online Learning

#### **2010 Alternative Teaching License**

May 2012

The Teacher Institute at La Academia, Denver • [//theteacherinstitute.wordpress.com](http://theteacherinstitute.wordpress.com)

Attended August 2011 to May 2012

- Specialization: Secondary Math, Secondary Science, K-12 Special Education

#### **2007 Bachelor's of Science**

May 2007

Colorado State University, Fort Collins • 970-491-7276 • <https://www.colostate.edu>

Attended August 2005 to May 2007

- Major: Biochemistry and Molecular Biology
- Minor: Chemistry
- Certification: Molecular Biology

**EMPLOYMENT**

September 2019 to Present

**Visiting Assistant Professor of Practice**

**University of Denver**

Denver, CO

- Instructionally design and instruct hybrid graduate level courses in research methods and statistics (specifically Structural Equation modeling, Hierarchical Linear Modeling, and Latent Growth Curve Modeling). Advise and mentor PhD students.

January 2019 to Present

**Adjunct Professor**

**University of North Carolina at Charlotte**

Charlotte, NC

- Instructionally designs and instructs online graduate level courses for teachers and educational leaders

May 2013 to Present

**Affiliate Professor (Hybrid/Online Instructor)**

**University of Denver**

Denver, CO

- Instructionally designs and instructs hybrid graduate level and online undergraduate courses.

September 2013 to June 2019

**Manager, Academic Analytics Researcher**

**K12, Inc.**

Herndon, VA

- Designs and conducts quantitative/mixed methods research projects that answer strategic questions of K12, Inc. online publicly managed schools.

October 2012 to March 2013

**Grant Manager**

**Warren Village**

Denver, CO

- Writing and maintaining grants for non-profit, single parent self-sufficiency programming.

October 2011 to July 2013

**Online Math Interventionalist**

**K12, Inc.**

Herndon, VA

- Developed and delivered math interventions to online students.

## AWARDS AND HONORS

- 2018 **IAALS Spotlight Partner**  
Institute for the Advancement of the American Legal System  
<https://iaals.du.edu/blog/iaals-advances-justice-liz-anderson-phd>
- 2017 **Exemplar Dissertation**  
University of Denver, Department of Research Methods and Statistics  
<https://digitalcommons.du.edu/etd/1248/>
- 2010 **Warren Village- First Step Volunteer of the Year**  
Warren Village  
<https://warrenvillage.org/>
- 2007 **Warren Village Resident Volunteer of the Year**  
Warren Village  
<https://warrenvillage.org/>

## PUBLICATIONS

### Book Chapters

1. Anderson, E. A. (2019). Measurement in K–12 Online Learning Environments: Measurement of Student Engagement and Other Latent Constructs. In T. Heafner, R. Hartshorne, & R. Thripp (Eds.), *Handbook of Research on Emerging Practices and Methods for K-12 Online and Blended Learning* (pp. 233-247). Hershey, PA: IGI Global. doi:10.4018/978-1-5225-8009-6.ch011
2. Anderson, E. A. (2019). K-12 Online Student Engagement: New Construct or Extension to Existing Construct?. In T. Heafner, R. Hartshorne, & R. Thripp (Eds.), *Handbook of Research on Emerging Practices and Methods for K-12 Online and Blended Learning* (pp. 155-170). Hershey, PA: IGI Global. doi:10.4018/978-1-5225-8009-6.ch007

### White Papers

3. Anderson, E. & Jorgensen, M. (2018) *Prolonged Poverty in K-12 Online Learning Environment* [White Paper]. In progress

### Reports and Guides

4. Institute for the Advancement of the American Legal System (IAALS). (April 2019) *Intentional, Explicit, Consistent: Learning Outcomes for the Whole Lawyer* (in press) Denver, CO

5. Institute for the Advancement of the American Legal System (IAALS). (April 2019) *Intentional, Explicit, Consistent: Learning Outcomes for the Whole Lawyer- Instructional Design Guide* (in press) Denver, CO
6. Institute for the Advancement of the American Legal System (IAALS). (April 2019) *Intentional, Explicit, Consistent: Learning Outcomes for the Whole Lawyer- Hiring Guide* (in press) Denver, CO
7. Institute for the Advancement of the American Legal System (IAALS). (June 2019) *Intentional, Explicit, Consistent: Learning Outcomes for the Whole Lawyer- Admissions Guide* (in progress) Denver, CO
8. Institute for the Advancement of the American Legal System (June 2019) *Intentional, Explicit, Consistent: Learning Outcomes for the Whole Lawyer- Program Evaluation Guide* (in progress) Denver, CO
9. K12, Inc. (2018) *Academic Report 2018* (in press)
10. K12, Inc. (2017) *Academic Report 2017* Retrieved March 30, 2019 from K12 Inc.: <https://www.k12.com/content/dam/k12/pdf/AcademicReport-2017-110317.pdf>
11. K12, Inc. (2016) *Academic Report 2016* Retrieved March 30, 2019 from K12 Inc.: <https://www.k12.com/sites/default/files/pdf/K12-Academic-Report-2016-111516.pdf>

## PRESENTATIONS AND SEMINARS

April 5-9, 2019

### **AERA Annual Conference 2019**

- Title: The Impact of Prolonged Poverty on the Mathematics Academic Performance of Online Students
- Location: Toronto, Ontario, Canada
- Event Information: <http://www.aera19.net/>

November 1-2, 2018

### **Kickstarting Learning Outcomes for Hire: 7<sup>th</sup> Annual ETL Conference**

- Title: Introduction to Learning Outcomes
- Location: Denver, CO
- Event Information: <https://iaals.du.edu/events/kickstarting-learning-outcomes-hire>

November 1-2, 2018

### **Kickstarting Learning Outcomes for Hire: 7<sup>th</sup> Annual ETL Conference**

- Title: Measuring the Hard to Measure Foundations
- Location: Denver, CO
- Event Information: <https://iaals.du.edu/events/kickstarting-learning-outcomes-hire>

October 8-10, 2018

**NCME- Classroom Assessment Conference**

- Title: Student Motivation and Grit: Using Extrinsic Motivational Techniques in the Digital Setting
- Location: Lawrence, KS
- Event Information: <https://www.ncme.org/events/event-description?CalendarEventKey=6a9b597e-0b9c-4630-af1a-2ffcdd6b2527&Home=%2Fmeetings%2Fupcoming-events>

October 22-25, 2017

**National Dropout Prevention Committee Conference**

- Title: Student Motivation and Grit in an Online Learning Environment: Research to Practitioners
- Location: Palm Spring, CA
- Event Information: <http://dropoutprevention.org/conferences/2017-national-dropout-prevention-network-conference/>

September 12-14, 2017

**NCME- Classroom Assessment Conference**

- Title: Measurement in the K-12 Online Learning Environment: K-12 Online Student Engagement
- Location: Lawrence, KS
- Event Information: <https://aai.ku.edu/ncme17-special-conference>

April 27-May 1, 2017

**AERA Annual Conference 2017**

- Title: Modeling Black Girl Math Identity
- Location: San Antonio, TX
- Event Information: <http://www.aera.net/Events-Meetings/Annual-Meeting/Previous-Annual-Meetings/2017-Annual-Meeting>

May X-X, 2016

**Online Learning Consortium (formally Sloan Foundation)**

- Title: Hybrid Learning for Business Analytics Undergraduate Students (2)
- Location: Denver, CO
- Event Information: <https://onlinelearningconsortium.org/>

## PROFESSIONAL AFFILIATIONS AND MEMBERSHIPS

American Education Research Association (AERA), [www.aera.org](http://www.aera.org)

National Committee of Measurement in Education, [www.ncme.org](http://www.ncme.org)

National Committee of Measurement in Education- Classroom Assessment, (get website)

Digital Learning Consortium, [www.deelac.org](http://www.deelac.org)

## RESUME

A concise resume is available at <https://www.linkedin.com/in/elizabeth-anderson19/>

## PROFESSIONAL REFERENCES

References and letters of recommendation are available upon request.