

KAREN M. ALEXANDER



EDUCATION



University of Nebraska-Lincoln Lincoln, NE

Ph. D. Candidate Educational Psychology Quantitative, Qualitative, and Psychometric Methods

Covenant College Lookout Mountain, GA

M.A. Educational Leadership

2006

University of North Dakota Grand Forks, ND

B.S.Ed. Middle School Education, Concentrations in Mathematics and Music

Cum Laude

1988



RESEARCH EXPERIENCE

Graduate Research Assistant

University of Nebraska - Lincoln

Lincoln, NE

Buros Center for Testing

June 2019 – Present

- Conduct research on a variety of topics related to history of testing
- Analyze data of specific tests for readability and possible issues of bias
- Edit documents for publication

Graduate Teaching Assistant

University of Nebraska - Lincoln

Lincoln, NE

Aug. 2017 – June 2019

- Teach two sections of EDPS 459 Statistics for Behavioral Sciences/semester
- Create syllabus, lesson plans, materials, assessments, and teach course
- Work with other teachers and tenured professor as a team
- Integrate statistical software into the course (SPSS and R)



PROFESSIONAL EXPERIENCE

Upper School Principal

Trinity Christian School

Fairfax, VA

CONTACT INFO

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in [linked.com/karenalexander](https://www.linkedin.com/karenalexander)

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SKILLS

SPSS, SAS, MPlus, R

Mixed methods

eleot® – Trained and Certified

National Teacher Examinations –
Passing scores in Communication
Skills, General Knowledge,
Professional Knowledge, and
Mathematics

Certification in Teaching ESL
through The Center for Applied
Linguistics

*This resume was made with the R package
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Last updated on 2020-10-27.

June 2013 – June 2017

- Responsible for school programs with over 60 faculty and over 300 students
- Implemented a continuous improvement plan that school continues to use, with decisions being driven by data
- Led school through accreditation review process which resulted in re-accreditation
- Implemented 1 to 1 technology program for students in grades 7 – 12
- Interviewed, hired, and evaluated faculty and staff
- Created, implemented, and evaluated faculty evaluation tool, annual parent survey, and annual student survey
- Oversaw standardized testing
- Managed budgets for curriculum and activities

Middle School Principal

Trinity Christian School

Fairfax, VA

June 2006 - June 2013

- Responsible for school programs with over 25 faculty and over 200 students
- Led analysis and restructuring of science and English curriculum
- Interviewed, hired, and evaluated faculty and staff
- Oversaw standardized testing
- Managed budgets for curriculum and activities

Middle and Upper School Teacher

Trinity Christian School

Fairfax, VA

Aug. 1997 - June 2014

- Taught students in grades 6 – 12. Math 7, Pre-Algebra, Algebra 1, Algebra 1 Accelerated, Geometry, Statistics, Logic, Life Science, Earth Science
- Developed, implemented, and analyzed math, science, and logic curriculum
- Created scope and sequence for K – 12 mathematics curriculum
- Served and led textbook adoption committees for mathematics and science

Mathematics Department Chair

Walt Whitman Middle School

Alexandria, VA

Aug. 1993 - June 1997

- Provided communication conduit between school and county
- Guided and led instruction of mathematics faculty at school level

Middle School Mathematics Teacher

Walt Whitman Middle School

Alexandria, VA

Aug. 1991 - June 1997

- Taught students in grades 7 and 8. Math 7, Pre-Algebra, Algebra 1 Honors, and Geometry

- Team member that developed and wrote middle school math curriculum for Fairfax County Public Schools
- Taught students who qualified for LD, ESL, and ED services in mainstreamed classroom
- Served on school accreditation team
- Trained as a Peer Evaluator for Fairfax County Public Schools

K - 8 Teacher

Corpus Christi School

Arlington, VA

Aug. 1990 - June 1991

- Taught K - 8 Technology, 6th Grade Reading, 7th Grade English
- Wrote, implemented, taught, and assessed technology curriculum

Teacher's Assistant

Bryant Alternative School

Alexandria, VA

Aug. 1989 - June 1990

- Taught individual students in grades 7 and 8 mathematics



AUTHORSHIP

Teacher Verbal Ability and Student Outcomes

Alexander, K. & Geisinger, K. F.

2019

Manuscript for Center for Accreditation of Educator Programs

The changing landscape of healthcare policy: Implications across groups of older Americans

Chen, D., Dizona, P., Alexander, K., Kerby, H., & Madison, K.

2019, May

Poster presentation for The Society for Prevention Research 27th Annual Meeting, San Francisco, CA