

PATRICIA E. OLCOTT SHAW  
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**OBJECTIVE:** To obtain a position in Mathematics Education that improves students' understanding and application of mathematical knowledge and skills.

EDUCATION: Master of Arts in Teaching Minor: Mathematics Texas Woman's University, Denton, TX	May 2014
Master of Science in Applied Mathematics North Carolina State University, Raleigh, NC	August 1984
Bachelor of Science in Applied Mathematics Georgia Institute of Technology, Atlanta, GA	September 1980

**CERTIFICATIONS:** Generalist EC-6      Mathematics 4-8      Mathematics 8-12

#### EDUCATION RELATED EXPERIENCE

##### **2015 – present Keller ISD Long-Term Substitute Teacher and Title I Tutor /Co-teacher**

- Long-term Substitute AP Statistics and Algebra 2 assignment November 2015 thru January 2016
- Title I Tutor/Co-teacher April – May 2015
- Provided individual and small group instruction to 5<sup>th</sup> and 6th Grade Mathematics students preparing for the STAAR
- Supported 5<sup>th</sup> grade Mathematics teachers in the classroom by providing individualized instruction and support to struggling students
- Reinforced classroom management plans

##### **2013 – present Grapevine-Colleyville ISD Substitute Teacher Elementary, Middle, and High Schools**

- Long-term 8<sup>th</sup> Grade Mathematics assignment October 2014 thru December 2014
- Followed and adapted lesson plans and guided practice
- Worked with a variety of ability levels and grades of students
- Reinforced classroom management plans

##### **2014 Student Teaching – Grapevine-Colleyville ISD; Grapevine Middle School, Grade 8 Math and Algebra**

- Developed and implemented unit and daily lessons for students in on-level 8<sup>th</sup> grade Math and Algebra I.
- Developed classroom control by applying assertive discipline and positive reinforcement techniques.
- Incorporated cooperative learning activities.

##### **2014 Rose F. Spicola Forum of Reading at Texas Woman's University**

- Presented results of research and experience on "Improving Mathematical Learning Through Literacy-Inclusive Instruction"
- Audience: Undergraduate Education students

2012 - 2013 Field Experience – Grapevine-Colleyville ISD Middle Schools, Grade 6 Math, Pre-Algebra, Algebra, Grade 7 Science and Grade 8 Science

1980-1981 Graduate Teaching Assistant – North Carolina State University

- Taught Algebra and Trigonometry and Calculus courses
- Designed and delivered all lessons, tests, and final examinations
- Delivered individualized instruction during office hours

#### ADDITIONAL WORK EXPERIENCE

1982-2012 – International Business Machines, Inc. Raleigh, NC, Charleston, SC, Dallas, TX

- Designed and implemented departmental business processes and procedures; created process documentation and training materials and delivered the training to department personnel
- System programmed and application programmed in the IBM System z (mainframe) environment; designed, developed and supported products and services
- Created and supported Microsoft Office-based and Microsoft Visio-based IBM internal-use tools with the Visual Basic for Applications programming language
- Provided technical sales and support to clients
- Managed a department of programmers

#### ACTIVITIES

2014 Pi Lambda Theta, Member

2013-present National Council of Teachers of Mathematics, Member

2013-present Texas Council of Teachers of Mathematics, Member

2013-present International Reading Association, Member

2012-present Association of Texas Professional Educators, Teacher in Training Member

1998-present Mid-Cities Supporters of SafeHaven

1991-present First United Methodist of Colleyville, 2001-2010 Mid-High Sunday School Teacher

#### References

Bret Stewart  
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