

**Sharon Christensen**  
Brigham Young University, 185 TMCB, Provo Ut 84602  
801-422-8954  
Sharonc@mathed.byu.edu

### **Areas of Interest**

Mathematical Knowledge for Teaching, Student Teaching for Secondary Mathematics Teachers

### **Education**

#### **MA, Mathematics Education**

Brigham Young University – Provo, Ut, 2010

*Project: Writing Geometry Curriculum*

#### **BA, Mathematics Education**

Brigham Young University – Provo, UT, 1989

### **Teaching, Brigham Young University**

MTHED 305 Basic Concepts of Mathematics, Fall 2017 – present (8 sections)

*Concept-oriented exploration of number, measurement, and informal geometry in relation to children's learning.*

MTHED 306 Concepts of Mathematics, Summer 2017 – present (10 sections)

*Concept-oriented exploration of rational numbers and proportional reasoning, probability, and early algebraic reasoning in relation to children's learning.*

Math 110 College Algebra, Summer 2017 – present (2 sections)

*Functions, polynomials, theory of equations, exponential and logarithmic functions, matrices, systems of linear equations, permutations, combinations, binomial theorem.*

Math 112 Calculus, Fall 2017 – present (5 sections)

*Differential and integral calculus: limits; continuity; the derivative and applications; extrema; the definite integral; fundamental theorem of calculus; L'Hopital's rule.*

MTHED 277 Task Design & Assess Understanding, Spring 2018 – present (2 section)

*Building tasks that elicit important mathematical ideas. Reflecting on and assessing the success of tasks through questioning and other methods of formative assessment.*

## **Prior Teaching Experience**

Mathematics Teacher, Mountain Ridge Junior High, 2002 – 2015

Taught seventh, eighth, ninth, and tenth grade math  
Mentored student teachers  
Mentored first year teachers

Alpine District – Secondary Math Specialist (half-time math specialist, half-time teacher) 2001–2003

Taught eighth and ninth grade math  
Coached secondary math teachers in Alpine District  
Helped implement new math curriculum in both elementary and secondary schools

Mathematics Teacher, Lakeridge Junior High, 1989 – 2002

Taught seventh, eighth, and ninth grade math  
Mentored student teachers

## **Professional Service**

Student Teacher Coordinator, Mathematics Education Department, Fall 2017 – present

Secondary Education Committee member, Fall 2019 – present

Initial Programs Council (IPC) Committee member, Educator Preparation Programs, 2019 – present

## **Membership in Professional Organizations**

National Council of Teachers of Mathematics (NCTM)  
Utah Council of Teachers of Mathematics (UCTM)  
Association of Mathematics Teacher Educators (AMTE)  
Utah Association of Mathematics Teacher Educators (UAMTE)

## **Presentations**

AMTE 2020 Rethinking the Student Teacher Experience: Engaging in a Dialogue about Paired-Placement Student Teaching (Feb. 2020)