

## CURRICULUM VITA

# JACQUELINE TAYLOR VOYLES

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### EDUCATION

- B.S. Elementary Education, Idaho State University, January 1966.
- M.A. Mathematics Education, Brigham Young University, August 1976.
- Ed.D. Administration and University Governance, Brigham Young University, August 1987.

### PROFESSIONAL EXPERIENCE

- Assistant Editor, Journal of Research in Mathematics Education
- Teaching Professor, Department of Mathematics Education, Brigham Young University, 2000-present.
- Mathematics Student Teaching Coordinator, Supervisor, Brigham Young University, 1997-2000.
- Professional Development, Waterford School, Waterford Institute, 1996-1997.
- Associate Chair, Department of Mathematics, Brigham Young University, 1994-1996.
- Assistant Chair, Department of Mathematics, Brigham Young University, 1992-1994.
- Faculty, Department of Mathematics, Brigham Young University, 1988-2000.
- Head and Designer, Math Lab, Brigham Young University, 1978-1992.
- Public School Teaching, Mathematics, 1966-1978.
- Public School Teaching, Elementary, 1965-1966.

### UNIVERSITY CITIZENSHIP

- Search Committee for Dean of School of Education 2003
- College of Physical and Mathematical Sciences Curriculum Committee 2002-2003
- University Rank and Status Committee for Professional Track, 2001–2002, Chair 2002-2003
- Math Education Summit, Department of Teacher Education, Department of Mathematics Education, 1998–1999.
- CITES Planning Committee in School of Education (Group Leader for Secondary Education Renewal and Restructuring), 1997-1998.
- Teaching Trio, Faculty Center, Winter Semester 1995.
- New Student Orientation Steering Committee, 1994-1996.
- Freshman Academy Development Committee, 1994-1995
- Executive Committee, Department of Mathematics, 1992-1994.
- Freshman Year Experience Committee, 1992-1994.
- Nominee for a Carl G. Maeser Teaching Excellence Award, 1992.
- Evening with the Faculty Discussion Leader, 1991-1994.
- Winner of an Alcuin Award, which is a three-year research grant given for work in teaching and developing General Education courses, Brigham Young University, 1991-1994.
- Presenter for the University Teaching Assistant Workshop with emphasis on teaching ideas and skills both in the classroom and in the lab settings, 1991, 1992, 1993, 1994, 2000, 2001, 2002.
- Curriculum Task Force for Secondary Mathematics Education Program, 1991-1992.
- Task force to design teaching certification requirements for Math Education Majors at Brigham Young University, 1991-1992
- Benson Scholarship Committee, 1990-1992.
- Department Representative to Honors and GE.

- Committee for Honors and General Education to investigate the design of a General Education Mathematics Course, 1990-1991.
- Student Housing in Education Committee (SHINE), 1988-1994.

### **DEPARTMENT CITIZENSHIP**

- Undergraduate Coordinator and Student Advisor, Department of Mathematics Education, 2000-present.
- Grievance Counselor, Department of Mathematics, 1999-2000.
- Supervised Honors Thesis, 1998, 2003.
- Mathematics Department Undergraduate Committee, 1990-1992, 1997-1998.
- Advisory Committee, Department of Mathematics, 1994-1996.
- Graduate Student Project Design and Thesis Rewrite, 1994.
- Career Seminars, Department of Mathematics, Women's Studies, 1992-1998.
- Executive Committee, Department of Mathematics, 1992-1994.
- Undergraduate Committee, Department of Mathematics, 1990-1992, 1997-1999.
- Developer of General Education Mathematics Course, 1990.
- Coordinator, Fieldwork for pre-service mathematics teachers.

### **TEACHING**

- Pre-college mathematics for students fulfilling pre-college math requirement
- College Algebra
- Trigonometry
- Mathematics for Prospective Elementary School Teachers
- Business Calculus
- Topics for Secondary Education, Graduate Class
- History of Mathematics
- Methods of Teaching Mathematics in Secondary Schools
- Student Teacher Supervision and Training
- Public School Mathematics (all levels K-12)
- Adult returning student programs, mathematics
- Private school mathematics, Grades 6, 7, 10,11

### **DEVELOPMENT PROJECTS AND GRANTS**

- TA in-service training, funded by the College of Physical and Mathematical Sciences, 1993, 1994, 1995.
- In-service training of elementary school teachers in mathematics teaching reform, not funded
- Development: Upper school curriculum, Waterford School, 1996-1997.
- Undergraduate Advisement Program, Department of Mathematics Education.
- Student Teacher Placement and Supervision Program, Department of Mathematics.
- Proposal with Zoology and Instructional Design to NSF for an \$800,000 grant to improve performance and retention of math and science teachers, 2000-2001.

### **PROFESSIONAL ORGANIZATIONS**

- National Counsel of Teachers of Mathematics (NCTM)
- Association of Mathematics Teachers Educators (AMTE)
- Utah Association of Mathematics Teacher Educators (UAMTE)

### **AWARDS AND HONORS**

- Alumni Professorship- a three year award with research funds and stipend.