

JULIA CHIYO MYERS, Ed.D.

EDUCATION

- 1996 to 2002 **Doctor of Education (EdD)**, Curriculum & Instruction, Montana State University, Bozeman, Montana
Dissertation Title: A Content Analysis of Computer-Mediated Collaborative Mathematical Problem Solving
- 1994 to 1996 **Master of Arts (MA)**, Mathematics, St. Louis University, St. Louis, Missouri
- 1986 to 1989 **Bachelor of Science (BS)**, Mathematics, with specialization in Mathematics Education, Purdue University, West Lafayette, Indiana

EXPERIENCE

- August 2007 to present **Assistant Professor**, Education Division, University of Hawaii West Oahu
Pearl City, Hawaii
- Courses taught:
- Intro to Teaching as a Career and Early Field Experience
 - Math for Elem School Teachers I & II
 - Math Methods I (Grades K-3 focus) and Practicum
 - Math Methods II (Grades 4-6 focus) and Practicum
 - Educational Media & Technology
- Course development:
- Math for Elem School Teachers I & II
 - Math Methods I (Grades K-3 focus) and Practicum
 - Math Methods II (Grades 4-6 focus) and Practicum
 - Educational Media & Technology
- Major additional responsibilities:
- Chair - General Education Committee AY 2008-2009 and 2011-2012
- Jul 2004 to present **Adjunct Instructor**, Education Division, Chaminade University
- Courses taught:
Learning Theory and Styles
Issues of Peace and Social Justice
- Aug 2003 to May 2004 **Assistant Professor**, Education Division, St. Martin's College
Lacey, Washington

Courses taught:
Field Based Program courses, including Curriculum & Instruction and
Educational Technology

Aug 2000 to present

Independent Consultant

Hired by New Visions for Public Schools to design and teach online mathematics
courses for New York City middle school mathematics teachers.

Oct 2000 to Dec 2000

Adjunct Mathematics Instructor, Upper Iowa University

Course taught:
College Mathematics

Aug 1998 to Jul 2000

Program Officer, New Visions for Public Schools
New York, New York

Major responsibilities:

- As Academic Director for a National Science Foundation Local Systemic Change Project, designed and implemented a curriculum for middle school mathematics teachers aimed at improving content knowledge, pedagogy, and teacher leadership.
- Created programs, including monthly seminars and online collaborative groups, to provide continuous teacher leader development, and support for the implementation of teacher study groups.
- Implemented and managed standards-driven school reform projects that led to enhanced capacity and improved student achievement.

1996 to Aug 1998

Teaching Assistant, Montana State University
Bozeman, Montana

Courses taught:
Calculus I, Calculus II, Mathematics for Elementary School Teachers,
Secondary Mathematics Teaching Methods, Multicultural Education

Summer 1996

Instructor, Tutor Assisted Courses Program, Montana State University
Bozeman, Montana

Courses taught:
Pre-Algebra, Algebra I, Algebra II

1994 to 1996

Teaching Assistant, St. Louis University
St. Louis, Missouri

Courses taught:
College Algebra, Survey of Calculus

Summer 1995

Instructor, In-Roads Program, Washington University/St. Louis University
St. Louis, Missouri

Course taught:
Pre-Calculus

1990 to 1994

Mathematics Teacher, Academy of the Visitation
St. Louis, Missouri

Courses taught:

Advanced Placement Calculus (AB & BC), Pre-Calculus,
Geometry/Trigonometry/Algebra

Professional accomplishment:

Solely developed and taught successful Advanced Placement Calculus
courses for Visitation Academy.

RESEARCH ACTIVITIES & INTERESTS

Dissertation: Content Analysis of Computer-Mediated Collaborative Mathematical Problem Solving

Research Interests: Preservice and inservice preparation and professional development of math teachers, lesson study, integration of technology into the teaching and learning of math.

Current Projects

- *Do What I Say, Not What You See: The Effects of the Disconnect Between Theory and Observed Practice on the Attitudes and Practices of Pre-Service and First Year Teachers Teaching Math.*

PUBLICATIONS

- Myers, J (2012). The Effects of Lesson Study on Classroom Observations and Perceptions of Lesson Effectiveness. *Journal of Effective Teaching*. In press (October, 2012).
- Myers, J (2012). Lesson study as a means for facilitating preservice teacher reflectivity. *International Journal for the Scholarship of Teaching and Learning*. 6(1).

PRESENTATIONS & WORKSHOPS

Conference Presentations

- Hawaii Council of Teachers of Mathematics, February, 19, 2011, "iDig Math: Innovative Ways to Integrate Ordinary iPod apps to Make Math Meaningful & Fun for Students"
- Hawaii International Conference on Education, January 8, 2012, "Creating Reflective Practitioners with Lesson Study"

Workshop Presentations

- Presentation and workshop for teachers at Hale Kula Elementary School, August, 2007, "Lesson Study"
- Presentation and workshop for teachers at Hale Kula Elementary School, April, 2011, "iDig Math: Innovative Ways to Integrate Ordinary iPod apps to Make Math Meaningful & Fun for Students"

- Presentation at Trinity Lutheran School, May 17, 2011, “Children and the Media”
- Family Math, Using Children’s Literature to Learn Math, Hale Kula Elementary, November 16, 2005
- Presenter for Title II Professional Development Workshops Literacy in the Content Areas: English, Math & Science (2011 – 2012)
- Presenter for Title II Professional Development Workshops Literacy in the Content Areas: English, Math & Science (2010 – 2011)

AWARDS & GRANTS

- Co-principal investigator, ESEA, Title II, Part A Grant: *The 3 R’s of Sustainability: Critical Understanding and Application of the Common Core State Standards in English Language Arts and Mathematics*; notification received September 7th, 2012.
- Title III Mini Grant: Computers for Educators, 20 Mac Book Pro computers, as well as 20 iPod touches for the education division, valued at over \$40,000 (2011)

OTHER PROFESSIONAL EXPERIENCES

- Consulting Editor, *The Journal of Educational Research* (JER), 2009-present
- Served as advisor for lesson study implementation, Hale Kula Elementary, AY 2008-2009.
- Served as advisor for lesson study implementation, Hale Kula Elementary, AY 2007-2008.
- Member: Kukuluaao and Ka Lama Education Academy Community Advisory Board
- Volunteer, Hale Kula Elementary School
- Volunteer, Trinity Lutheran School
- Military Volunteer, Family Readiness Group Leader and member of Crisis Response Team
- AIR, HSA Mathematics Fairness Data Review, August 17, 2009
- AIR, HSA Mathematics Fairness Data Review, July 18, 2011
- NCATE, Board of Evaluators Training, 3/18/08 – 3/21/08
- NCATE, SPA Assessment and Report Training, 11/8/10 – 11/9/10
- HTSB/NCATE, HTSB/NCATE Orientation, 1/19/10 – 1/20/10

PROFESSIONAL MEMBERSHIPS

- University of Hawaii Professional Assembly (UHPA)
- National Council of Teachers of Mathematics (NCTM)
- Hawaii Council of Teachers of Mathematics (HCTM)
- Association for Mathematics Teacher Educators (AMTE)

ADDITIONAL SKILLS & RELEVANT EXPERIENCE

- Highly experienced with the development and facilitation of online learning.

- Capable with multiple applications of educational technology, including website design, digital video creation and distribution, numerous software programs, and the utilization of various hardware.
- Knowledge of and experience with adult learners.
- Experienced facilitator of lesson study groups.
- Experienced grant writer.
- Certified as a program evaluator by Horizon Research, Inc., in conjunction with the National Science Foundation.
- Served as a reviewer of grants for the National Science Foundation – Spring and Fall of 2003, and served as review panel chair in March 2004.
- Presented workshops for parents on mathematics education reform at Hale Kula Elementary School, November & December, 2004.

SERVICE

Service to the Division

Fall 2012

- Served as faculty senator, representing the Education Division
- Assisted in preparing for NCATE accreditation visit (January, 2013)
- Served as faculty advisor to students in the Education Division
- Participated as a member of the Teacher Education Advisory Council (TEAC)

Fall 2011 – Spring 2012

- Served as faculty senator, representing the Education Division
- Conceptualized the plan for electronic exhibits for NCATE accreditation, built the framework for electronic exhibits, and gathered and organized all exhibits
- Assisted in preparing reports for NCATE accreditation
- Assisted in assessing student work in as a part of the Education Division's assessment effort for accreditation.
- Served as faculty advisor to students in the Education Division
- Participated as a member of the Teacher Education Advisory Council (TEAC)

Fall 2010 – Spring 2011

- Assisted in preparing reports for NCATE accreditation
- Assisted in assessing student work in as a part of the Education Division's assessment effort for accreditation.
- Served as faculty advisor to students in the Education Division
- Participated as a member of the newly formed Teacher Education Advisory Council (TEAC)

Fall 2009 – Spring 2010

- Served as faculty senator, representing the Education Division
- Participated in the following Education Division Search Committee: Elementary Education/Science
- Contributed written request for and received 20 Mac Book Pro computers, as well as 20 iPod touches for the education division, valued at over \$40,000, as part of UHWO's Title III technology grant.
- Assisted in assessing student work in mathematics as a part of the Education Division's quantitative assessment effort.
- Served as faculty advisor to students in the Education Division
- Wrote proposal for Faculty Senate resolution for a new credit/no-credit grading policy for university courses. The resolution was passed on March 5, 2010.

Fall 2008 – Spring 2009

- Served as faculty senator, representing the Education Division
- Served on the committee for the Frances Davis Teaching Award
- Participated in Moanalua HS College & Career Fair, January 30, 2009
- Participated in HTSB campus visit for State Approval of Teacher Education (S.A.T.E.) Middle-level and Secondary Education Program Proposal Reviews, October 8 & 9, 2008
- Chaired the following Education Division Search Committees:
 - a. Elementary Education Position 76259 (ESL)
 - b. Elementary Education Position 76260 (Social Studies)
 - c. Elementary Education Position 76272 (Science)
- Served as faculty advisor to students in the Education Division

Fall 2007 – Spring 2008

- Served as a faculty senator, representing the Education Division
- Participated in the following Education Division Search Committees:
 - d. Elementary Education/ESL
 - e. Elementary Education/Social Studies
 - f. Elementary Education/Science
 - g. Elementary Education/Field Experience Coordinator
- Served on the Social Sciences Division Assessment Committee
- Served as faculty advisor to students in the Education Sub-Division
- Developed the initial draft of the Teacher Education Field Experience handbook. This handbook is intended for use by teacher candidates participating in UHWO's teacher education field experiences and their mentoring teachers, and is a comprehensive guide to the procedures and policies of the early field experience, the practicum, and student teaching.
- Developed the education field experience evaluation forms, including the early field experience evaluation form for mentor teachers, the practicum evaluation form for mentor teachers and university instructors, and the student teaching evaluation form for mentor teachers and university instructors. These forms were carefully aligned with NCATE and HTSB standards.
- Prepared the initial draft for the 2007-2008 WASC assessment report for education division.
- Prepared the math curriculum and assisted in preparing the science curriculum for the middle level and secondary education program proposals.

Service to the University

Fall 2012

- Served on the UH Multi-campus Foundations Board
- Served as General Education Committee Chair
- Served as UHWO Representative to WICHE Passport Initiative
- Served as faculty senator, representing the Education Division

Fall 2011 – Spring 2012

- Served on the UH Multi-campus Foundations Board FS (Symbolic Reasoning) work group
- Served on the UH Multi-campus Foundations Board
- Served as General Education Committee Chair
Wrote and submitted proposal for Faculty Senate resolution for General Education Committee, to amend Resolution 2011-10. The resolution was passed on January 13, 2012.
- Served as UHWO Representative to WICHE Passport Initiative
- Served as faculty senator, representing the Education Division

Fall 2010 – Spring 2011

- Served as General Education Committee Member
- Presented at the HCC Transfer Workshop – May, 2011

Fall 2009 – Spring 2010

- Served as Faculty Senator
- Served as General Education Committee Member
- Frosh Camp, Faculty Speed Meeting, August 13, 2009
- Wrote proposal for Faculty Senate resolution for a new credit/no-credit grading policy for university courses. The resolution was passed on March 5, 2010.

Fall 2008 – Spring 2009

- Served as Chair, General Education Committee
Note: As chair, I submitted UHWO's final application for the University of Hawaii Multi-campus Foundations Agreement, which was approved by the Foundations Board on April 27, 2009.
- Served as a member of the Math Committee
- Participated in the University of Hawaii system-wide Math Summit, January 2009
- Participant in the following activities
 - ▲ New student orientation

Fall 2007 – Spring 2008

- Served as faculty senator
- Served on the search committee for the Vice Chancellor for Academic Affairs
- Served on the General Education Committee
- Served on the Math Task Force
- Represented UHWO at the University of Hawaii system-wide math meetings regarding math course articulation
- Participated in the following activities
 - ▲ UHWO Rubber Slipper Tour
 - ▲ High school counselor luncheon
 - ▲ New student orientation

Service to the Profession

- Served as Consulting Editor, The Journal of Educational Research, 2009 – Present

Service to the Community

- Member: Kukuluao and Ka Lama Education Academy Community Advisory Board
- Volunteer, Hale Kula Elementary School
- Volunteer, Trinity Lutheran School
- Military Volunteer