

CORINNE THATCHER DAY

Education

Doctor of Education candidate in Curriculum & Instruction
The Montana State University, Bozeman, MT
The Department of Education
ABD: December 2018
Anticipated Graduation: Spring 2020
Current GPA: 4.00 for 24 credits

Master of Science in Mathematics Education
The Montana State University, Bozeman, MT
The Department of Mathematics
Graduation: August 2012
GPA: 3.97

Bachelor of Arts in Latin American Studies with minors in Geography and Spanish
The Pennsylvania State University, University Park, PA
The College of Liberal Arts & The Schreyer Honors College
Graduation: December 2004
Graduation Honors: The College of the Liberal Arts Student Marshall
Thesis: The Promise of Public Scholarship: A Student Perspective
GPA: 4.00

Teaching Experience

Montana State University-Billings
Aug. 2016-Present

Assistant Professor of Math Education

- Taught Methods: K-8 Mathematics, 5-8 Mathematics, and 9-12 Mathematics, and Instructional Strategies in Mathematics face-to-face and online
- Taught Math for Elementary Teachers (MET) I and II.
- Coordinated classroom-based experienced for K-8 math methods students
- PI for Math in Action: Career-Oriented Kits for Upper Elementary grant project
- Collaborated with two Billings Public School teachers and supervised two undergraduate student assistants for the Math in Action project
- Collaborated with the Dept. of Mathematics to update the Math Teaching Major and to increase enrollment in the Math Teaching Minor.
- Developed and implemented course improvements to MET I and II.
- Advised undergraduate and graduate education majors on their plans of study.
- Served as the College of Education representative to the General Education Committee.

City College, Montana State University-Billings

Jan. 2013-May 2015

Adjunct Instructor

- Taught Finite Mathematics.
- Taught Introductory Algebra.

Billings Public Schools

Aug. 2012-Mar. 2013

Home-to-School Coordinator

- Advocated for American Indian students.
- Tutored American Indian students in mathematics.
- Acted as a liaison between American Indian students, their families, and their educators.
- Planned and facilitated American Indian family night at Bench Elementary School.

Chief Dull Knife College

Aug. 2008-May 2012

Instructor

- Awarded Faculty Member of the Year, 2009-2010.
- Taught Basic Mathematics and Introductory Algebra.
- Taught Non-profit Management & Community Development.
- Taught Introduction to Sociology and Social Problems.
- Taught Introduction to Computers.
- Taught Walking for Fitness.
- Co-PI for Lumina Foundation MSI Models of Success grant.
- Served as American Indian Business Leaders faculty advisor.
- Served as the faculty representative to the Student Retention Committee.

KIPP Philadelphia Charter School, Philadelphia, PA

Sept. 2006-May 2007

Portuguese Teacher

- Taught Portuguese to middle school students two Saturdays per month.

The Center for Literacy-Horizon House, Inc., Philadelphia, PA

Jan. 2006-May 2006

Community Education Teacher

- Developed and taught lessons for a college-prep math class.
- Developed and taught lessons for an Adult Basic Education course.

The Brazilian Organization for Social Services (BOSS), Philadelphia, PA

Nov. 2005-Mar. 2006

ESL Instructor

- Taught English as a Second Language.

The Philadelphia School District, Philadelphia, PA

June-Aug. 2005

Summer School Teacher

- Developed and taught math and English lessons for eighth-grade students.

Additional Work Experience

The American Indian Housing Initiative, University Park, PA

Jan. 2005-August 2008

Development Coordinator

- Assisted with strategic planning and project identification.
- Identified funding opportunities and prepared grant proposals.
- Secured two NSF grants at \$80,000 and \$400,000.
- Co-authored and edited journal articles and marketing materials.
- Represented AIHI at the Council of Energy Resources Tribes 2008 conference.

The United States Department of Agriculture BPRC&D, Amherst, MA

Feb. 2008-May 2008

Volunteer Consultant

- Gathered and analyzed demographic and socioeconomic data.
- Conducted focus groups in four counties of Western Massachusetts.
- Compiled findings and recommendations into a Five-Year Strategic Plan.

The Department of Community and Economic Development, Framingham, MA

Sep. 2007-May 2008

Intern

- Created marketing brochures using Microsoft Publisher.
- Generated maps using ArcGIS.
- Conducted outreach to downtown businesses, including Brazilian businesses.
- Translated documents from English to Portuguese.
- Composed an advisory report on planning for and with immigrant communities.

The Pennsylvania Immigration and Citizenship Coalition, Philadelphia, PA

Feb. 2007-Aug. 2007

Administrative Assistant

- Conducted research on immigration law and policy.
- Arranged meetings, fundraisers, and voter registration drives.
- Facilitated constituent meetings with state and federal representatives.
- Planned and participated in rallies.
- Maintained databases.

The Brazilian Organization for Social Services (BOSS), Philadelphia, PA
Nov. 2005-Aug. 2007

Executive Director

- Incorporated BOSS and established a Board of Directors.
- Developed and maintained a website.
- Secured two grants from local agencies and one from a national foundation.
- Translated materials between English and Portuguese.
- Advocated on behalf of Brazilian immigrants.
- Assisted with the creation of the Brazil Club at Northeast High School.

University Learning Centers, University Park, PA

July 2001-May 2004

Undergraduate Writing Center Coordinator

- Organized and facilitated staff meetings.
- Presented workshops on writing personal statements.
- Conducted classroom visits to publicize the Writing Center's services.

Peer Writing Tutor

- Tutored undergraduate and graduate students on all aspects of the writing process.

Department of Geography, University Park, PA

April 2003-Oct. 2003

Research Assistant to Dr. Lakshman Yapa

- Researched the history of racial and economic change in West Philadelphia.
- Prepared a paper on West Philadelphia's history.

Research Assistant to Dr. James McCarthy

- Researched the term working landscapes for a literature review.
- Compiled a list of contacts that have used the term working landscapes.

Grants

Math in Action: Career-Oriented Kits for Upper Elementary, Designing Innovative Lessons and Activities for Mathematics Teacher Grant (K-8), National Council of Teachers of Mathematics, 2018-2019

Publications

Riley, D., Torres, C. A., & Thatcher, C., 2008, *MorningStar: Homes for Our Future*, Department of Architectural Engineering, University Park, PA.

Riley, D., Grommes, A., & Thatcher, C., 2007, Teaching Sustainability in Building Design and Engineering, *Journal of Green Building*, 2(1): 175-195.

Riley, D., Thatcher, C., & Workman, E., 2006, Developing and applying green building technology in an indigenous community: An engaged approach to sustainability education, *International Journal of Sustainability in Higher Education*, 7(2): 142-157.

Presentations

- “The ‘Flipped’ Math Lesson: Making Math More Student Centered,” faculty workshop, Department of Mathematics, MSU-Billings, 2018
- “Positive practices for teacher preparation,” roundtable presentation, Symposium on Montana Mathematics Teaching, Fairmont, MT, 2018
- “Teaching fractions: A culturally engaging approach,” workshop session for continuing education units, Chief Dull Knife College, Lame Deer, MT, 2009
- “Balancing participation and reality: The challenge of technology transfer on the Northern Cheyenne Reservation,” panel presentation, Planners’ Network annual conference, Winnipeg, Manitoba, 2008
- “Ben Franklin’s Writing Center,” keynote address, Mid-Atlantic Writing Center Association annual conference, 2007
- “The American Indian Housing Initiative,” workshop session, National Conference on Service-Learning, Minneapolis, MN, 2003

Professional Associations

- Kappa Delta Pi International Honor Society in Education member
- Phi Beta Kappa Society member
- National Council of Teachers of Mathematics member
- Montana Council of Teachers of Mathematics member

Honors and Awards

- American Indian College Fund CDKC Faculty Member of the Year, 2009-2010
- National Security Education Program Boren Scholar, 2004
- Penn State Schreyer Honors College Dean's Recognition Award recipient, 2004
- Penn State W. LaMarr Kopp International Achievement Award recipient, 2003

Language Skills

Spanish

- 9 years of written and oral Spanish.
- 3 months living in Mexico.
- 1 month traveling in Argentina and Bolivia.
- 1 week traveling in Paraguay.

Portuguese

- 1 year of written and oral Portuguese.
- 6 months living in Brazil.
- 2 years working with Portuguese-speaking immigrants.
- ACTFL Advanced-Low oral proficiency.

Cheyenne

- 2 semesters of written and oral Cheyenne.
- 4 years living and working on the Northern Cheyenne Indian Reservation.

Technology Skills

Detailed knowledge of Desire2Learn and MyMathLab online student learning portals.

Detailed knowledge of Microsoft Excel, including data analysis tools.

Familiarity with Statistical Package for the Social Sciences (SPSS).

Familiarity with TI-83 Plus and TI-Nspire CAS functions and applications.

Familiarity with GeoGebra, Desmos, and PlopIt! mathematics learning applications.

Familiarity with Microsoft PowerPoint, Publisher, and Access.

Ability to create maps and analyze data using Geographic Information Systems (GIS).

Community Involvement

Chair, Yellowstone Valley Citizen's Council, 2017-Present

Chair, Yellowstone Valley Citizen's Council Community Food Campaign, 2016-2017

Chapter Leader, Weston A. Price Foundation, 2014-Present

Treasurer, People's Partners for Community Development, 2009-2010

PennPRAXIS Civic Engagement Forum Series moderator, 2007

Fellowship in Senior High youth group leader, 2002-2005

Undergraduate Writing Center Fundraising Chair, 2002

Penn State Equestrian Team Member, 2000-2004