

Marilyn M. Cuch

Hunkpapa Lakota, Standing Rock Sioux Tribe, North and South Dakota
Utah State University, Uintah Basin Campus, Roosevelt, Utah

Mrs. Cuch is a Lecturer and Director of the Secondary Teacher Education Program and is based at the Uintah Basin Regional Campus in Roosevelt. Her teaching and academic interests' focus on secondary science education, curriculum development and instruction, and culturally relevant teacher preparation. Marilyn also advises Secondary Teacher Education majors in the RCDE while working with the Native American populations in Utah to meet the critical education needs in teacher preparation.

ACADEMIC PREPARATION

University

- M. S. KANSAS STATE UNIVERSITY, Manhattan, KS 66506
Secondary Education
Emphasis on "Multicultural Science within the Development of Curriculum"
- B. S. KANSAS STATE UNIVERSITY, Manhattan, KS 66506
Secondary Education
Emphasis on Biology, Chemistry, Earth-Space Science, Physical Science
and General Science

Licensure

Kansas Standard Teaching License 5-12, General Science, Physical Science
7-12, Biology, Chemistry, Earth-Space Science
National Council for Accreditation of Teacher Education (NCATE) Institutional Team Reviewer

PROFESSIONAL EXPERIENCE

- 2008-Present Lecturer and Regional Campus Director for Secondary Education, Utah State University-Uintah Basin, Roosevelt, Utah
- 2006-2008 Ute Tribe Education Director, Uintah and Ouray Reservation, Fort Duchesne, Utah
- 2005-2006 U.S. Dept. of Ed. Teaching American History Grant Project Director, Ute Indian Tribe and Utah State University-Uintah Basin, Roosevelt, UT
- 2002-2005 NIH-Diabetes Based Science Education in Tribal Schools Project-Principal Investigator and Steering Committee Chair, Haskell Indian Nations University, Lawrence, KS
- 2002-2004 U.S. Dept. of Ed. Professional Development Grant Project Director, Haskell Indian Nations University, Lawrence, KS
- 1999-2005 Elementary Teacher Education Program Faculty and Advisor, Haskell Indian Nations University, Lawrence, KS
- 1999-2005 Elementary Teacher Education Program, Licensure Officer, Haskell Indian Nations University, Lawrence, KS
- 1998-1999 Biological Laboratory Technician, Anatomy and Cellular Biology, University of Kansas Medical Center, Kansas City, KS
- 1997-1998 Biological Laboratory Technician, Entomology and Plant Sciences, United States Department of Agriculture/ Agricultural Research Service, Manhattan, KS
- 1996-1997 Science Teacher for grades 9-12, USD #383, Manhattan High School, Manhattan, KS

1995-1997 1 of 100 National Holme's Scholars, Kansas State University, Manhattan, KS

1995-1997 Research Assistant, Midwest Desegregation Assistance Center, Manhattan, KS

Fall 1994 Student Teacher, USD #383, Manhattan High School, Manhattan, KS

GRANTS

Fall 2001-2002 Principal Investigator and Grant Manager
National Diabetes, Digestive and Kidney Diseases 1 R21 DK61735-01, *Theory into Action: Applying Bloom's Taxonomy in Diabetes and Science Education in Tribal Classrooms* \$75,000

Fall 2002-2005 Principal Investigator and Grant Writer/ National Steering Committee Chair
National Institution of Health/National Diabetes, Digestive and Kidney Diseases/Indian Health Service, *Theory into Action*, \$810,000

Fall 2002-2004 Grant Writer/Project Director
U. S. Department of Education Indian Professional Develop Grant, *Preparing Educators for the Seventh Generation*, \$497,000

Submitted Spring 2010, American Indian Professional Development Grant (in review) Department of Education August 1, 2010 June 30, 2013 - (\$300,000 x four years = \$1,200,000). Project titled "Carrying the Word: American Indian Teacher Development. (Jim Barta - PI, Marilyn Cuch and Vini Exton - Co-Pis, Galye Morse - Consultant).

PUBLICATIONS

Barta, J., Cuch, M., & Exton, V. (2010). *When Numbers Dance for Mathematics Students: Culturally Responsive Mathematics Instruction for Native Youth*. In S. Gregory (Ed.), *Voices of Native American Educators*. Lanham, MD: University Press of America, Inc.
Aho, L., Ackerman, J., Bointy, S., Cuch, M., Hindelang, M., Pinnow, & S., Turnbull, S. (2010). *Health is Life in Balance: Student and Communities Explore Healthy Lifestyles in a Culturally Based Curriculum*. Pimatisiwin: A Journal and Indigenous Community Health, 8(3), 151-168.

Reviews

Manuscripts submitted to the "American Culture and Research Journal," American Indian Studies Center, University of California, Los Angeles
Reviewer for Journal of American Indian Education, "Ute Resiliency: The Story of the Ute Indian Experience at the Grand Junction Indian School between 1885-1911." Arizona State University, Tempe, Arizona

Presentations

"Diabetes Based Science Education in Tribal Schools," Poster presentation, American Academy of Pediatrics National Conference on Indigenous Youth Health, Seattle, Washington, Spring 2005.

"Decolonization of Health," 15th Annual Conference of the American Indian and Alaska Native Professors Conference, University of Kansas and Haskell Indian Nations University, Lawrence, Kansas, Spring 2005.

"Diabetes Based Science Education in Tribal Schools: Partnerships in Kansas," First Annual Kansas Minority Health Conference, Lawrence, Kansas Spring 2005.

"Arrow to the Sun: How to build your own solar-powered fan," Poster presentation to the NASA Minority Pre-service Teachers conference, Alexandria, Virginia, Spring 2005.

"Theory into Action," National Indian Education Association Conference, Phoenix, Arizona, Fall 2004.

"Diabetes Based Science Education in Tribal Schools," Bureau of Indian Affairs Educators' Summer Conference, Denver, Colorado, Summer 2004.

“FISH! Philosophy,” support service Staff Organization, Haskell Indian Nations University, Lawrence, Kansas, Spring 2003.

“Corn: The ‘Amaizing’ Thematic Unit,” National Indian Education Association, Albuquerque, New Mexico, 2002.

“Grow your Own Teacher,” Principals Academy, Office of Indian Education Programs, San Diego, California, Summer, 2001.

“Haskell Indian Nations University, School of Education Teacher Preparation Model,” Bureau of Indian Affairs, Lawrence, Kansas, Spring 2001.

“Math and Science from the American Indian Perspective,” McREL and Kansas Association of Native American Educators, October, 2000.

“Haskell Indian Nations University, School of Education Teacher Preparation Model,” National Indian Education Association, Sioux Falls, South Dakota, 2000.

“Haskell Indian Nations University, School of Education Teacher Preparation Model.” Mid-West Equity Center, Kansas State University, Manhattan, Kansas, Summer, 2000.

“American Indian Teachers,” Kansas Association of Native American Educators, Lawrence, Kansas, March 2000.

“Haskell Indian Nations University, School of Education Teacher Preparation Model.” National Reading Conference, Tampa, Florida, December, 1999

“Haskell Indian Nations University, School of Education Teacher Preparation Model.” National American Indian Education Conference, Oklahoma City, Oklahoma, October, 1999.

“American Indian Education”, Kaw Valley Regional In-Service, Lawrence, Kansas, October, 1999.

“Challenges and Issues Pertaining to Teacher Education,” American Indian College Fund, Santa Fe, New Mexico, 1999.

National American Alfalfa Improvement Conference 1998, Bozeman, Montana: Poster
“Distribution of Size Polymorphisms in Hypervariable Chloroplast DNA Regions in Alfalfa”

National Holme’s Group Gateway Conference 1997, St. Louis, Missouri: Poster
“USD #383 and Kansas State University, College of Education, Professional Development Model” and Presentation: “Professional Development and American Indian Education”

Kansas State University, College of Education, “Multicultural Education,” as it pertains to American Indian Education, 1995-1997; Presented overview of American Indian Education to Undergraduate students

Kansans of Color Conference, Manhattan, KS 1995: “American Indian Science and Engineering,” Presentation covering the history of science as it pertains to American Indian Education

TEACHING

Haskell Indian Nations University, School of Education, Elementary Education

EED 101

Introduction to Education

EED 314

Multi-Media Technology

EED 315

Mathematics for Ele Teachers I

EED 317

Mathematics for Ele Teachers II

EED 412	Teaching Science Leisure	EED 413	Teaching Holistic Health, Fitness and
		EED 422	Teaching Math
EED 324	Introduction to Curriculum Theory and Development		
EED 321	Assessment and Evaluation in Education		

Utah State University, Teacher Education and Leadership, Secondary Teacher Education Program

SCED 3210 **Education and Multicultural Foundations**

SCED3300/4300 **Clinical Experience I/II**

SCED 4210 **Cognition and Assessment of Student Learning**

SCED 5500 **Student Teaching Seminar**

SERVICE-PROFESSIONAL

National Indian Education Association
 Kansas Association of Native American Educators
 Seeing Gender: Tools for Change in Science Education, National Advisory Panel Member, Kansas State University
 Grant Reader for the USDA, Multicultural Scholars Program, 2003
 Grant Reader for the KSDE Mathematics Education Department, 2004
 Grant Reader for the U.S. Dept. of Education, Indian Education Demonstration Grants, 2004
 Diabetes Based Science Education in Tribal Schools (DETS), Steering Committee Chair, which includes a partnership between the following: Seven Tribal Colleges, National Institutes of Health, Center for Disease Control, Indian Health Service, and the American Indian Higher Education Consortium partnership.

SERVICE-UNIVERSITY

1999-2004	Member, Policies and Procedures Committee
1999-2005	Member/Liason, Lawrence Business Partnership Committee
1999-2004	Member, Kansas State Department of Education, American Indian Curriculum Project
2000-2005	Faculty Senate Council member
2002	Executive Committee Member of Faculty Senate
2002	Higher Education Programs (HEP), United States Department of Agriculture, Higher Education Multicultural Scholars Grants Program Peer Review Panel
2002-2003	Kansas Association of Private Colleges of Teacher Education, President
2001	Kansas Association of Colleges of Teacher Education, Executive Board member
2001	Haskell Presidential Inauguration Committee: Stage/Décor Committee
2001,2002	Kansas Teacher of the Year State Selection Committee
2000	Haskell Scholarship Committee
2001-2005	Indian Art Market Raffle
2003-2005	Inaugural Institutional Review Board, Haskell Indian Nations University
2003-2005	Faculty Senator, Chair of the Equity and Workload Committee, Chair of the shared Governance Review Committee

HONORS

Utah State University, Regional Campuses & Distance Education, 2010 Advisor of the Year

April 2004 President Bush acknowledged my work in preparing American Indian/ Alaska Native teachers at Haskell Indian Nations University at the signing of the Executive Order on American Indian Education.