

Marisela Moreno

MariseMore6@aol.com

Science Education Department

1250 Bellflower Ave.

Long Beach, California 90814

(562) 985-4801

EDUCATION

M.A., 1999

Educational Administration

California State University-Dominguez Hills, Carson, CA

M.S., 1994

Wildlife & Fisheries Sciences

Emphasis: Human Dimensions

Thesis: Factors Influencing Career Interest Among Majority and Minority Natural Resource Professionals in the Southern United States

Advisor: Dr. Clark E. Adams

Texas A&M University, College Station, TX

B.S., 1988

Educational Curriculum and Instruction

Emphasis: Biological Sciences and English

Texas A&M University College Station, TX

CREDENTIALS

California

Preliminary Administrative Services Credential

Single Subject Teaching Credential: Biological Sciences, *Professional Clear*

Cross-cultural, Language and Academic Development Certificate (CLAD)

Texas

Single Subject Teaching Credential: Biological Sciences, *Lifetime Professional Clear*

PROFESSIONAL AND ACADEMIC EXPERIENCE

UNIVERSITY

Lecturer, California State University-Long Beach, Long Beach, CA. 2004-present.

Mathematics, Engineering, and Science Achievement, California State University, Long Beach, CA.

2000-present.

Research Assistant, Texas A&M University, College Station, TX. 1992-1994

Graduate Assistant and Department Recruiter, Texas A&M University, College Station, TX, 1991-1993.

DISTRICT

Newton Afterschool Adventures Site Director, Jefferson Leadership Academies, Long Beach, CA. 2005-present.

Co-Principal, Jefferson Leadership Academies, Long Beach, CA. Summer 2005.

Principal, Jefferson Leadership Academies, Long Beach, CA. Summer 2004.

Mentor Teacher, Young Scientists' Camp, California State University-Long Beach, Long Beach, CA. Summer 2003.

English Language Development Department Chair, Long Beach Unified School District, Jefferson Leadership Academies, Long Beach, CA. 2002-present.

6th, 7th, 8th Grade Science/Math and Mathematics, Engineering, and Science Achievement (MESA)

Instructor, specializing in English Language Development (ELD) Long Beach Unified School District, Jefferson Leadership Academies, Long Beach, CA. 1999-present.

Integrated Math and Science Teacher Los Angeles Unified School District, South Gate Middle School, South Gate, CA. 1995-1999.

Exploring Technology Coordinator for the Applied Mathematics Science Academy. Los Angeles Unified School District, South Gate Middle School, South Gate, CA. 1996-1999.

Assistant Activities Director/Leadership. Los Angeles Unified School District, South Gate Middle School, South Gate, CA. 1996-1999.

Life Science Instructor, Lamar Consolidated Independent School District, Lamar Junior High School, Rosenberg, TX, 1988-1991.

RELATED ACADEMIC EXPERIENCE

Puente Valley Charter Middle School, School design team member, Bassett Unified School District, Puente Valley, CA, 2005.

Jefferson Leadership Academies, School design team member, Long Beach Unified School District, Long Beach, CA, 1999.

Faculty/Grant writer/Program developer Boys and Girls Club of the Brazos Valley, Bryan, TX, 1994.

Faculty, National Wildlife Federation Conservation Summit, Big Sky, Montana, 1994.

GRANTS

- Northrup Grumman Grant (2006), \$500 Funded.
- SB 1510 (Morgan-Farr-Quackenbush, Educational Technology Act of 1992), School Based Education Technology Grants Program, South Gate Middle School Technology Plan, 1996. \$100,000 Funded.
- Los Angeles Unified School District, Applied Mathematics and Science Academy (AMSA) Exploring Technology, 1997. \$180,000 Funded.
- Los Angeles Unified School District California State Block Grant awarded to South Gate Middle School Industrial Arts, 1996. \$5,000 Funded.
- Los Angeles Unified School District California State Block Grant awarded to South Gate Middle School Audio-Visual, 1996. \$10,000 Funded.
- U.S. Office of the Juvenile Justice Delinquency Prevention awarded to the Boys' & Girls' Clubs of America. Gang prevention through targeted outreach, 1994. \$2,500 Funded.
- Tennessee Valley Authority. M.S. Thesis funding, Wildlife & Fisheries Sciences, Texas A&M University, Improving minority representation in natural resource professions, 1992. \$49,254 Funded.

PUBLICATIONS AND SCHOLARLY WORKS

TECHNICAL AND GRANT REPORTS

Moreno, M. (1994). *Factors Influencing Career Interest Among Majority and Minority Natural Resource Professionals in the Southeastern United States*. M.S. Thesis, Texas A&M University, College Station, TX.

C.E. Adams and M. Moreno. (1994). *Survey of Natural Resource Professionals in the Southeastern United States*. Tennessee Valley Authority, Contract No. TV-90038V, Norris, TN.

Moreno, M. (1994). *Moving Towards Diversity: A Directory of Minority Students in Natural Resource & Related Sciences in the Southeastern United States*. The Student Conservation Association, Inc., Charleston, NH.

CURRICULUM DEVELOPMENT

WOW- *Wonderful Outdoor World Participant Journal*, Los Angeles, CA.

Public/private collaboration of multiple agencies including The Walt Disney Company, Los Angeles Department of Recreation and parks. Assisted with the creation and design of an environmental education activity book for participants in a 24 hour urban camping program. Editor: S. Maukenhaught, 1996.

University of California. Los Angeles, CA.

IMMEX Training Institute: Problem-Solving & Critical Thinking UCLA School of Medicine.

Designed and created problem-solving software, with emphasis on the use of computers in instruction and evaluation. Program Director: Dr. R. Stevens, 1996.

Texas A&M University, College Station, TX.

EARTHCARE: Lafter School Program. Bryan Independent School District.

Designed and contributed instructional activities. Program Directors: J. Wild & M. Davis, 1992.

The University of Texas at Austin. Austin, TX.

Life Science Teacher Development Program. National Science Foundation, Science Education Center.

Designed and contributed instructional curriculum for middle school classrooms.

Editors: T. R. Koballa & M. A. Warden, 1990.

Lamar Consolidated Independent School District. Rosenberg, TX.

Developed curriculum standards. Supervised by Science Coordinator: A. Dyer, 1989.

PROFESSIONAL PRESENTATIONS

- Moreno, M. (2005). Mathematics, Engineering, and Science Achievement in Your School. Association of Future Science Educators. California State University Long Beach, Long Beach, CA.
- Moreno, M. and H. Undlin. (2004) Science Content Institute: Focus on Life Science Institute. Long Beach Unified School District, Long Beach, CA.
- Moreno, M. (1998) Exploring Technology: Laboratory Demonstration, Technology Professional Development Day, South Gate Middle School, LAUSD. South Gate, CA.
- Moreno, M. (1998). Videotography. Digital Delights: Integrating Computers into the Instructional Process, South Gate Middle School, LAUSD. South Gate, CA.
- Moreno, M. (1996). Incorporating graphic organizers into your students' portfolio. South Gate Cluster 25, LAUSD. South Gate, CA.
- Moreno, M. (1996). Every child a learner--expect it. Professional Development Day, South Gate Cluster 25, LAUSD. South Gate, CA.
- Moreno, M. (1996). Spreadsheets basics. South Gate Middle School. Technology Day, South Gate Cluster 25, LAUSD. South Gate, CA.
- Moreno, M. (1995). Science across the curriculum. South Gate Cluster 25: Professional Development Day, South Gate Cluster 25, LAUSD. South Gate, CA.
- Moreno, M. (1994). Illustrations of computer - administered formats for enhancing educational research. Southwest Educational Research Association Annual Meeting, San Antonio, TX.
- Moreno, M. and A. McNeill. (1994). DIVERSE (Diversifying Environmental & Related Science Employees): Interactive Software for Computer; Administered Research. 2.Q. The Fifth International Symposium on Society & Resource Management! Creating Research, Education & Management Partnerships Among Natural Resource Professionals. Boulder, CO.
- Moreno, M. (1994). Making the most of your marine biology unit. Get Wet Workshop. Texas A&M University. Galveston, TX.
- Moreno, M. (1993). Opportunities for women in natural resources. Science, Technology, and YOUTH Symposium: Texas Alliance for Science Technology & Mathematics Education. Texas A&M University. College Station, TX.
- Moreno, M. (1993). Minority perspectives on a majority campus. Race and Ethnic Studies Institute. Texas A&M University, College Station, TX.
- Moreno, M. (1992). Women in natural resource professions and employment opportunities in natural resource careers. Science, Technology, and Youth Symposium: Texas Alliance for Science Technology & Mathematics Education, Texas A&M University. College Station, TX.
- Moreno, M. (1992). Pursuing a college education. LULAC National Youth Day. San Antonio, TX.
- Moreno, M. (1992). University outreach. Association for the Advancement of Mexican Americans. Houston, TX
- Moreno, M. (1990). Energize your science. LCISD District Workshop. Rosenberg, TX.
- Moreno, M. (1990). Fun projects that kids like. Conference for the Advancement of Science Teaching (CAST). College Station, TX.
- Moreno, M. (1988). Projects that have stood the test of time. Conference for the Advancement of Science Teaching (CAST). Fort Worth, TX.

PROFESSIONAL AWARDS AND RECOGNITION

Long Beach City Council and Mayor's Proclamation Recognizing Advancing Via Individual Determination (AVID) and Mathematics, Engineering, and Science Achievement (MESA).

Long Beach, CA, 2004.

Arlene Soloman Classroom Grant. "Building Bridges". Long Beach Education Foundation. Long Beach Unified School District, Long Beach, CA. 2001.

Los Angeles Basin Society's Teacher of the Year. Los Angeles Geologic Society. Los Angeles, CA, 2000.

The James L. Courtney Award for Research and Academic Excellence: The Office of Graduate Studies and the Black Graduate Students' Association, Texas A&M University, College Station, TX, 1994.

Academic Excellence Award: George and Mary Lewis Endowed Scholarship, Texas A&M University, College Station, TX, 1992-93, 1994.

Conservation Career Development Fellow: Student Conservation Association, 1994.

Outstanding Graduate Student Recognition: Wildlife & Fisheries Achievement Awards, Texas A&M University, College Station, TX, 1994.

Academic Excellence Award: Player of the Game Scholarship, Texas A&M University, College Station, TX, 1993, 1994.

College of Agriculture and Life Sciences Scholarship, Texas A&M University, College Station, TX, 1992.

National Science Foundation Fellow: Life Science Teacher Development Summer Institute: University of Texas, Austin, TX, 1991.

High School Teacher Summer Scholarship Program Fellow: Texas A&M University, College Station, TX, 1991, 1992 & 1993.

Petroleum Institute for Educators, Oil Industry Fellow: University of Houston, Houston TX, 1990.

Nominations

Presidential Awards for Excellence in Mathematics and Science Teaching: National Science Foundation, 1997.

Northern Life's Education's Unsung Heroes Awards Program, 1997.

National Thanks to Teacher's Excellence Award, 1990.

Los Angeles County Teacher of the Year, Los Angeles County Office of Education, 2004.

Disney's American Teacher Award. Walt Disney Company, 2000.

Northern Life's Education's Unsung Heroes Awards Program, Northern Life Insurance, 1997.

PROFESSIONAL INVOLVEMENT:

National and Regional Committees/Activities:

Los Angeles Systemic Initiative (LA-SI) Equity in Science Education (ESE), participant, 1997.

Los Angeles Educational Partnership (LAEP), participant, 1997.

North American Association for Environmental Education (NAAEE) Urban Interest Group, a branch of the Urban and Multicultural Environmental Education Committee, 1995, 1996.

Ad Hoc Minorities in Natural Resources Committee (MINRC) of the The Southeastern Association of Fish and Wildlife Agencies (SEAFWA) and the Tennessee Valley Authority (TVA), survey researcher and contributing member, 1992-1996.

Ad Hoc Minority Affairs Committee, The Wildlife Society, program reviewer and survey researcher, 1992-1994.

Local Committees/Activities:

New Teacher Project Mentor (BTSA) Long Beach Unified School District, Long Beach, CA, present.

Jefferson Leadership Academies Evening Library Story Hour/Library Program, Long Beach Unified School District, Long Beach, CA, 2002-2003.

Migrant Education Tutorial Program, Long Beach Unified School District, Long Beach, CA, 2002-2003.

ADVANCED TRAINING AND CERTIFICATIONS

Total Quality Management

Quality Circle Management

Focus Group Research and Interview Techniques

Project WILD

Project Learning Tree

First Aid for Choking and CPR (American Heart Association)

PROFESSIONAL, SCIENTIFIC, and ACADEMIC AFFILIATIONS

Phi Delta Kappa International, member
Gamma Sigma Delta Honor Society, Invited member
Association for Supervision and Curriculum Development (ACSD), member
American Association of University Women (AAUW), member
American Association for the Advancement of Science (AAAS), member
National Science Teacher's Association (NSTA), member
California Science Teacher's Association (CSTA), member
California Association of Bilingual Educators (CABE), member
The Greater Los Angeles Teachers of Science Association (GLATSA), member
The Long Beach Area Science Educators' Network (LBSEN), member
National Association of Biology Teachers (NABT), past member
Texas Outdoor Education Association (TOEA), past member
Texas Science Teacher's Association (TSTA), past member
North American Association of Environmental Educators (NAAEE), past member
Minorities in Agriculture, Natural Resources, and Related Sciences (MANRRS), Founding member
Southeastern Association of Wildlife and Fisheries Agencies (SEAFWA), past Subcommittee member

COMMUNITY INVOLVEMENT

California

South Coast Ecumenical Council Board member, St. Matthew's Catholic Church
Forest Lawn, Easter Sunrise Service, prayer
Rotary Club, South Gate, CA
AIDS Ride: San Francisco to Los Angeles
Long Beach Marathon, bike ride
Long Beach Half-Marathon
Long Beach Triathlon
Los Angeles Marathon
Challenged Athlete's Half-Ironman
MS 150 Houston to Austin Charity ride for Multiple Sclerosis

Texas

Graduate Student Council, representative
Association of Graduate Wildlife & Fisheries Science Students
AGgie Mentor
Texas A&M University Outreach: A Cooperative Educational Effort
Brazos Valley Boys & Girls Club
Conservation & Environmental Education Committee, instructor
Texas Highway Cleanup Project, leader