

**VICKI L. ARDISANA**

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**PRESENT POSITION** – Assistant Clinical Professor, post degree & M.Ed. Certification Programs,  
Yuma  
Northern Arizona University, College of Education, Department of Teaching and Learning  
Dr. Sherry Markel, supervisor, P. O. Box 5774, Flagstaff, AZ 86011.

**CERTIFICATES**

1993-2011 Arizona Standard Elementary Teaching Certificate K - 8,  
ESL endorsement  
1986-1994 Arizona Temporary Elementary Teaching Certificate K - 8,  
1978-1986 American Red Cross Water Safety Instructor

**EDUCATION**

2007 Northern Arizona University Ed.D. Curriculum & Instruction  
Applied Linguistics  
1992 Northern Arizona University Yuma M. A. Elementary Education/  
English as a Second Language  
1986 Northern Arizona University B.S. Elementary Education/  
Physical Education  
1980 Arizona Western College A. A. General Studies  
1971 Oak Park River Forest High School  
Oak Park, IL

**AWARDS**

2004-2005 Yuma County Teacher of the Year, University level, NAU-Yuma

**WORK EXPERIENCE**

**2001 - present** Full time assistant clinical professor, Northern Arizona University in Yuma  
Alternative Certification and M.Ed. w/Certification Programs administrator, advisor, coordinator,  
instructor, and mentor. This program was developed for cohort groups of post baccalaureate students  
wishing to obtain elementary teacher certification.

Teaching responsibilities include course development and instruction specific to the needs of the  
group, hands-on learning seminars to support web course instruction, on-site supervision of teaching  
practicums, technical assistance with web courses, advising, supporting, and assisting students with  
their own classroom and professional goals and resources.

Administrative duties include program applications, advising, registration, financial aid connections,  
recruitment/retention of students, meeting with administrators and community members. Advise  
certified cohort students through the completion of their Master’s degrees, active students currently  
number 64. The connections between the program, the community school districts, and the university  
is a vital collaboration that benefits the community as a whole.

**2006 - 2008** SETIS grant consultant and trainer

Contracted consultant with Yuma Elementary District One and Somerton School district under  
Arizona math and science partnership grant. Assist in the planning of teacher training, support third  
through sixth grade teachers throughout the school year, and participate in summer school training  
and implementation of program strategies. Met with planning group to apply for an extension of the  
grant for 2007-2008 school year which has been awarded.

**2004 - 2006** Algebra Project facilitator, trainer, and formative evaluator  
Contracted consultant with Yuma Elementary District One under Arizona math and science partnership grant. Assist in the planning of teacher training, observe middle school teachers throughout the school year providing mentored feedback, participate in summer school training and implementation of program strategies. Met with planning group to apply for an extension of the grant for 2005-2006 school year which was been awarded.

**2000 – 2001** Full time student, EdD. Curriculum & Instruction, NAU Flagstaff.  
Completion of course work and taking comprehensive exams while on leave of absence from the school district.

**2000 – 2001** Half time project facilitator for LEAP, BEST, and BRIDGE grants in Yuma.  
These three grants were awarded through the Center for Excellence in Education at Northern Arizona University in Flagstaff. The programs director for all of these grants was Dr. Patricia Peterson, Educational Specialties, CEE, NAU. All of these grants provided Yuma area teachers an opportunity to participate in graduate programs for ESL, bilingual, and/or special education and include the use of technology. As facilitator, I met with instructors, participants, and administrator on a regular basis, acted as liaison between Flagstaff and Yuma, provided technical web and computer assistance and assisted with formative evaluations and problem solving. The position began as an independent study course and later I was added as the local coordinator for LEAP and BEST.

**2001 - Spring** Part time temporary adjunct instructor, Northern Arizona University Yuma  
Develop, plan, and implement syllabus, instructional strategies, tests and evaluation measures for ECI 300 Math Methods for Elementary School Teachers. Conducted model lessons, provided effective feedback, counseled prospective teachers on their performance. Encouraged and modeled the use of “best practice” in the teaching/learning of mathematics.

### **Elementary Classroom Teaching experience**

**1986-2001 Crane Elementary School District #13, Yuma, AZ**

4260 W. 16th Street, Yuma, AZ 85364

Dr. Gary Knox, Superintendent

928 782-5183

Teacher; third, fourth, fifth, science lab 1 – 6, ESL, math, science, resource teacher  
Crane Elementary School District is located in Yuma, Arizona, in the southwest corner of the state. The district is in a low socioeconomic area, in which the student population at that time was 57% Hispanic, 42% Anglo, 19% Migrant. In addition 57% received free or reduce lunch, 27% were Limited English Proficient, and 11% qualified for special education programs. [95/96 figures]  
See specific teaching descriptions below.

### **PUBLICATIONS and PROFESSIONAL PRESENTATIONS**

Dissertation - Standards Based Mathematics Strategies for the Improvement of Academic Language: A Quasi-Experimental Study. May, 2007

“Speaking of problem solving . . .” conference workshop, Yuma County Pre-K – 20 staff development day, Yuma, AZ, February 16, 2007

“Mathematics – the Universal Language?” AZ-TESOL mini-conference, Yuma, AZ, April 29, 2006

“Let’s Talk About Math” conference workshop, Yuma County Pre-K – 20 staff development day, Yuma, AZ, February 17, 2006

“Problem Solving Strategies” inservice training for 4<sup>th</sup> and 5<sup>th</sup> grade teachers, Yuma District One, August 31, 2005

“Significant Messages from the president of TESOL” with Natalie Hess, Review of keynote speech from AZ-TESOL spring conference, as published in AZ-TESOL Newsletter, summer 2005

“Academic language through strategic math and science” workshop, AZ-TESOL spring conference, Thunderbird, April 9, 2005  
 “Algebra Project” training and grant support, Yuma Elementary District One, June 6 – 30, 2005, August 15 – 19, 2005; June 7 – 21, 2004, August 4 - 5, 2004  
 “Meeting English Language Learners’ Needs in Mainstream Elementary Classrooms,” discussion session, TESOL International conference, Long Beach, CA, April 2, 2004  
 also published in AZ-TESOL Newsletter, Summer 2005  
 “Content strategies to enhance academic language,” poster session, TESOL International conference, Long Beach, CA, March 31, 2004  
 “Content strategies to enhance academic language,” AZ-TESOL conference presentation, Yuma, AZ March 19, 2004  
 Alternative Certification Program power point presentation to T&L faculty, Flagstaff, October 13, 2003  
 Sheltered English inservice training for K-12 ESL teachers, Charleston County School District, Charleston, SC, August 7 & 8, 2003  
 Piloting a dissertation – presentation to C&I doc students, Flagstaff, June 19, 2003  
 Enhancing literacy through children’s book author study – Arizona TESOL conference, Mesa, AZ, April 11, 2003  
 Using children’s picture book author study to enhance literacy – AWC faculty seminar, Yuma, February 13, 2003  
 Goals and objectives of the Alternative Certification Program presentation to Yuma County School Districts’ administrative teams, Fall 2001  
 Math and Science Content instruction for LEP students - Presentation for BME 631, NAU Yuma, May 2001  
 Valley Horizon math/science/language training presentations - all staff and small group  
 Integrating content and language, guest presentation, Integrating Language and Content Instruction, BME 450, NAU Yuma, February 1996

## **COMMUNITY ACTIVITIES**

Advisory Council member Yuma Educational Support Agency 2002 - present  
 Science: Equipping Teachers Inspiring Students (SETIS) grant science institute for Yuma District One and Somerton District 3 – 6 teachers with AWC science professors, July, 2006, and July, 2007  
 MSP grant planning committee March – May 2006  
 Yuma County Science Festival judge, May, 2006 and 2007  
 Yuma County Professional Development day planning team  
 Yuma area WET Festival volunteer, multi-agency event for students, April 21, 2005  
 Yuma County Science Festival judge, March 21, 2005  
 Yuma County Science Festival judge, March, 2004  
 Scorer and gopher - 6<sup>th</sup> grade Math Challenge day sponsored by AATM, Yuma May, 2004  
 Advisory council – Yuma Education Support Agency  
 March 18, 2002 Guest speaker for the Yuma Retired Educators Association luncheon – Teacher education programs and meeting local needs  
 April 2002 & 2003 Worked the booth in support of AWC/NAU partnership at the Yuma County Fair – Provide an interest getting “Jeopardy” game, showcase new programs, answer questions  
 1991 – 2003 Yuma County Math and Science Consortium Regional Training Center (RTC)  
 Cadre trainer - Meet with leaders across the county to learn and review standards and reform for math, science, and technology. Organize and plan for dissemination of standards throughout Yuma County. Develop training for teachers in the use of standards. Assist in developing a resource list.  
 1997-98 MASTER PROJECT (Mathematics and Science Teaching and Excelling through Research) participant. A grant project through Arizona Western College and the Arizona Board of Regents to

provide teacher enhancement inservice training in mathematics, science, and technology as it relates to current research and the (ITI) Integrated Thematic Instruction model.

### **Details of classroom experiences**

**1999-2000** Valley Horizon Elementary School, Fifth grade teacher, sheltered class  
Plan, implement and evaluate effective lessons. Use effective strategies and methods to meet the needs of diverse group of 32 or more students in a comfortable, language rich environment. Coordinate with hearing handicapped department to mainstream four students in math, science, health, and social studies content areas. Integrate district curriculum objectives and resources to enhance effective learning. Evaluate and assess students' learning, modifying and adjusting where necessary. Seek professional assistance where needed for individual students requiring further assistance. Collaborate with colleagues on grade level objectives, field trips and school wide goals. Keep records updated as required. Conference with parents and other school officials. Also served as school wide resource teacher/trainer for math, science, and ESL.

**1998-1999** Valley Horizon, Fourth grade teacher, sheltered class; Principal, Cindy Didway  
Plan, implement and evaluate effective lessons. Use effective strategies and methods to meet the needs of diverse groups of 30 or more students in a comfortable, language rich environment. Integrate district curriculum objectives and resources to enhance effective learning. Evaluate and assess students learning, modifying and adjusting where necessary. Seek professional assistance where needed for individual students requiring further assistance. Collaborate with colleagues on school wide goals. Keep records updated as required. Conference with parents and other school officials. Also served as school wide resource teacher/trainer for math, science, and ESL.

**1997-1998** Valley Horizon Elementary School, Science teacher, grades 1 - 6  
Design and plan activities to enhance student knowledge of scientific concepts, developments, theories and processes. Collaborate with classroom teachers to provide hands on science experiences for students in support of the science curriculum. Plan, set up, and assess annual school science festival and ensure participation in the county science festival.

Math, science, ESL resource trainer

Collaborate with and provide math and science resources for teachers to enhance units of study in the classroom. Train teachers in the use of math manipulatives and problem solving strategies to increase student abilities. Develop writing process document, train and support teachers with effective use of the writing process. Model lessons using national math and science standards strategies within classrooms.

**1996-1997** Valley Horizon School, Science teacher, grades 4-6 (half time)  
Collaborate with classroom teachers to provide hands on science experiences for students in support of the science curriculum. Provide math and science resources for teachers to enhance units of study in the classroom. Plan, set up, and assess annual school science festival and ensure participation in the county science festival.

ESL/Chapter I Resource specialist, grades K-6 (half time)

Work with the Chapter I teacher to develop school wide programs to meet the needs of ESL, Limited English Proficient (LEP), and migrant students. Train educational assistants, provide support, and evaluate program for K-3 students. Meet the needs of 4-6 LEP students through ongoing assessment, individual, or small group assistance. Provide regular classroom teachers with suggestions for modifications of assignments for LEP students. Track growth and follow up on testing. Target fourth grade students in two regular classrooms with whole group writing process training including fantasy stories, interest speeches, and research reports. [This provided training for the classroom teachers who were not ESL endorsed, as well as all of their students regardless of ability, background or qualifying factors.]

**1994-1996** Valley Horizon School, Science teacher, grades 1-6  
Provide hands on science experiences for students in support of the science curriculum. Provide math and science resources for teachers to enhance units of study in the classroom. Plan, set up, and assess annual school science festival.

**1994-1996** Crane School District Staff Development for math and science (stipend position)  
Collaborate with trainers from other schools in the district to plan, schedule, and set up afterschool training sessions in math and science for teachers to implement standards in the classroom. Assist in developing two district wide teacher inservice trainings in math manipulatives and strategies for meeting curriculum objectives, and to showcase math manipulatives available throughout the district.

## **PROFESSIONAL GROWTH and EDUCATIONAL EXPERIENCES**

Dissertation defense March 29, 2007

Teach 4 Success training, WestED, Yuma County, March 3, 2006

Reformed Teaching Observation Protocol, RTOP, ADE, May 8, 9, 2006 Phoenix

Dissertation Prospectus defense February 22, 2006

VISTA training, NAU Yuma, October 28, 2005

ADE Math and Science Standards Academy, Phoenix, July 11-14, 2005

Reading the Future for English Language Learners, AZ-TESOL Yuma Area Mini-conference,  
November 20, 2004

Science and Writing Standards Institute for Administrators, ADE, Yuma, October 7, 2004

AERA annual conference attendee, San Diego, CA, April 11-13, 2004

Bilingual ESL Special Education Training Conference attendee, NAU-Yuma, February 28<sup>th</sup>, 2004

TESOL International conference, Long Beach, CA, March 30-April 3, 2004

AZ-TESOL conference, Yuma, AZ, March 20, 2004

Dissertation Pilot study completed, April 2004

International TESOL conference research symposium and conference, April 2002

Regional TESOL mini conference fall 2001

Completion of all coursework for EdD. in Curriculum & Instruction, spring 2001

Crane Elementary School District teacher inservice training annually

Mastering Math Facts, Crane staff development course, Spring 1999

Strengthening Reading Comprehension and Critical Thinking Skills with Roger Farr, SDR, Phoenix,  
Fall 1998

Algebra Across the Grades, Math Learning Center, Portland, OR, 1998

Mathematics Leaders Retreat - Phoenix, August 1997

## **LEADERSHIP ACTIVITIES, PROFESSIONAL ASSOCIATIONS**

Advisory Council – Yuma Education Support Agency

International Reading Association (IRA)

National Science Teachers Association (NSTA)

Arizona Science Teachers Association (ASTA)

Yuma County Science Teachers Association (YCSTA)

National Council of Teachers of Mathematics (NCTM)

Association for Supervision and Curriculum Development (ASCD) Associate

Arizona Association for Supervision and Curriculum Development (AASCD)

Teachers of English to Speakers of Other Languages (TESOL)

Arizona TESOL board member

American Educational Research Association (AERA)

Arizona Science Teacher of the Year nominee 1992