

Curriculum Vitae

Noemi V. Mendoza-Diaz

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Current and accurate as of February 22, 2007

PROFESSIONAL INTERESTS

Organizational Development (Educational Institutions)
Educational Technology-Instructional Design
Engineering Education

EDUCATION

Ph.D., Educational Administration and Human Resource Development, Texas A&M University, College Station, TX. (2006). Dissertation: *Perceived consequences and concerns in the Diffusion of Internet2 at Texas A&M University*.
M.S., Telecommunications Engineering, National Polytechnic Institute, Mexico City, MEXICO. (1997). Major: Computer Networks.
B.S., Electronics and Communications Engineering, National Polytechnic Institute, Mexico City, MEXICO (1994). Major: Communications.

LANGUAGES

English and Spanish (fluent); German (limited)

PROFESSIONAL EXPERIENCE

Assistant to the Superintendent, The Brazos School for Inquiry and Creativity, College Station, TX (Current).
High School teacher, The Brazos School for Inquiry and Creativity, College Station, TX (Fall of 2005).
Grant Writer-Graduate Assistant, Computer and Information Services, Texas A&M University, College Station (Spring and Summer of 2005).
NSF Project Coordinator-Graduate Assistant, Academy for Advanced Telecommunications and Learning Technologies. Texas A&M (2002-2004), under the auspices of NSF Grant 0116631 "CONAcYT: Texas A&M University - UNAM Two-Way Video Infrastructure".
Graduate Assistant, Center for Distance Learning Research. Texas A&M. (Fall of 2001).
Teacher Assistant, Educational Technology Program, College of Education and Human Development, under the tutelage of Dr. Karen L. Murphy (Fall 2002; Spring, and Summer of 2003).
Professor-Researcher, College of Engineering, Autonomous University of the State of Hidalgo, Hidalgo, MEXICO (2000).
Professor-Researcher, Autonomous University of Ciudad del Carmen, Campeche, MEXICO (1998-1999).
Graduate Assistant, Network Laboratory Unit, National Polytechnic Institute (1994-1997).

PROFESSIONAL ASSOCIATIONS

Academy of Human Resource Development: Member (2004-present).
Association for Educational Communications and Technology: Member (2004-present).
International Honor Society Phi Beta Delta: Member (2003-present).

HONORS / AWARDS

Student Sponsorship by the National Council of Science and Technology, CONACYT, MEXICO (2001-2006).
Scholarship awarded by the Mexican Telephone Company Foundation (TELMEX) for the outstanding development in the National Polytechnic Institute (IPN) (1996-1997).
Scholarship awarded by IPN Foundation for the outstanding development in the National Polytechnic Institute (1994-1996).
Diploma for the top average and development in the Bachelor level given by the National Polytechnic Institute (1993).
Diploma for the best average of the class in the preparatory school level given by the National Autonomous University of Mexico (UNAM) (1987-1989).

PUBLICATIONS

Refereed Journal Articles

Murphy, K. L., Mahoney, S. E., Chen, C-Y., Mendoza-Diaz, N. V., & Yang, X. (2005). A constructivist model of mentoring, coaching, and facilitating online discussions. *Distance Education*, 26(3), 341-366.

Manuscripts in Preparation

Cifuentes L., Mendoza-Díaz N. V., Alvarez-Xochihua O., & Shen W., Marti W. (2006). *Instructional Design in Network Engineering Education*. Manuscript in Preparation.

Curriculum Materials

Mendoza-Díaz N. V., (2005) The Profession of Distance Education Workshop [Curriculum guide]. Veracruz, MEXICO. Texas A&M University and Mexican University Corporation for the Development of Internet (Mexican Internet2).
Mendoza-Díaz N. V., (2004). Foundations of the Profession of Distance Education. [Curriculum online; http://people.tamu.edu/~mimosa_mendoza/]. College Station, TX. Texas A&M University.
Mendoza-Díaz N. V., (2003). Educational Technology Theories. [Curriculum guide]. Hidalgo, MEXICO. Autonomous University of the State of Hidalgo.

Refereed Conference Proceedings

Mendoza-Díaz N. V., Dooley L. M., & Dooley K. E. (2007). Adoption of Internet2 in a Southwestern University: Human Resources Concerns. *Proceedings of the Academy for Human Resource Development 2007*. Indianapolis, Indiana.
Mendoza-Díaz N. V., Magnussen W., & Marti W. (2003). Texas A&M University-UNAM two-way video infrastructure project. The beginning. *Proceedings of the Distance Education Conference 2003*. Austin, Texas.

- Mendoza-Díaz N. V. (2002). The Internet2 Mexican Initiative. *Proceedings of the Distance Education Conference 2002*. Austin, Texas.
- Phellan K., Mendoza-Díaz N. V., & Mathews S. (2002). An Example of Converting a Traditional Course into Distance Learning: An Open Discussion. *Distance Education Conference 2002*. Austin, Texas.
[http://www.oznet.ksu.edu/scenic/_EzWeb/Newsletters/90371.pdf]

RESEARCH AND TECHNICAL PRESENTATIONS

International: Invited

- Mendoza-Díaz, N. V. (April, 2005). *The Profession of Distance Education Workshop*. Invited seminar presented at the Mexican University Corporation for the Development of Internet (Mexican Internet2) spring 2005 members meeting. Veracruz, MEXICO.
- Mendoza-Díaz, N. V. (April, 2005). *Videoconference: The Texas A&M Virtual Network Laboratory*. Invited presentation for the Mexican University Corporation for the Development of Internet (Mexican Internet2).
- Mendoza-Díaz, N. V. (March, 2005). *Videoconference: Working session of learning objects*. Invited presentation for the Mexican University Corporation for the Development of Internet (Mexican Internet2),
[http://www.cudi.edu.mx/eventos/2005/objetos_aprendizaje.html]
- Mendoza-Díaz N. V. (March 2004). *Videoconference: Virtual Network Laboratory and Web Access Exercise System (WAES)*. Organizer Seminar for the Mexican University Corporation for the Development of Internet (Mexican Internet2).
[http://www.cudi.edu.mx/eventos/2004/seminario_tamu.html]
- Mendoza-Díaz, N. V. (December, 2004). *Videoconference: First Virtual Day of the Community of Education and Learning Objects in the Internet2 Mexican Initiative*. Organizer for the Mexican University Corporation for the Development of Internet (Mexican Internet2).
- Mendoza-Díaz, N. V. (October, 2003). *Videoconference: Education Virtual Day*. Invited presentation for the Mexican University Corporation for the Development of Internet (Mexican Internet2).
[http://www.cudi.edu.mx/eventos/2003/dia_cudi28_10_03.html]
- Mendoza-Díaz, N. V. (October, 2003). *Collaborative Projects between Mexico and the Academy for Advanced Telecommunications and Learning Technologies at Texas A&M University*. Invited round-table presented at the Mexican University Corporation for the Development of Internet (Mexican Internet2) fall 2003 members meeting. Puebla, MEXICO. [http://www.cudi.edu.mx/otono_2003/jueves.html#10]

National: Refereed

- Cifuentes. L., Mendoza-Díaz N. V., Alvarez-Xochihua O., & Shen W. (October, 2006). *Transferability of Learning Objects Across Cultures: Design Considerations*. Paper presented at the Annual Convention of the Association for Educational Communications and Technology, Dallas, TX.

- Cifuentes L., Mendoza-Diaz N. V., Shen W., & Marti W. (October, 2005). *Culturally Responsive Design of the International Virtual Network Engineering Laboratory*. Paper presented at the Annual Convention of the Association for Educational Communications and Technology, Orlando FL.
- Mendoza-Diaz, N. V., Phelan, K., Dooley, K., & Murphy, K. L. (January, 2003). *Roles and competencies of the distance education professional*. Paper presented at the 10th Annual Distance Education Conference, Austin, TX.
- Murphy, K. L., Chen, L., Mahoney, S. E., Gazi, Y., Yang, S., Fite, S., & Mendoza, N. V. (January, 2003). *Extending teaching presence: Students as teachers in online courses*. Paper presented at the Tenth annual Distance Education Conference, Center for Distance Learning Research, Austin, TX.
- Mendoza-Diaz N. V., Magnussen W., & Marti W. (2003). Texas A&M University-UNAM two-way video infrastructure project. The beginning. *Proceedings of the Distance Education Conference 2003*. Austin, Texas.
- Mendoza-Diaz N. V. (2002). The Internet2 Mexican Initiative. *Proceedings of the Distance Education Conference 2002*. Austin, Texas.
- Phellan K., Mendoza-Díaz N. V., & Mathews S. (2002). An Example of Converting a Traditional Course into Distance Learning: An Open Discussion. *Distance Education Conference 2002*. Austin, Texas.
[http://www.oznet.ksu.edu/scenic/_EzWeb/Newsletters/90371.pdf]

State: Refereed

- Mendoza-Diaz, N. V. (March, 2003). *The Internet2 initiative and its implications in Distance Education Collaboration with Mexico*. Paper presented at the Texas Distance Learning Association Annual Conference. Dallas, TX.
- Mendoza-Diaz, N. V. (March, 2003). *The role of Publications and Associations in the Distance Education Development. A nation and worldwide view*. Roundtable discussion presented at the Texas Distance Learning Association Annual Conference. Dallas, TX.

Local: Refereed

- Mendoza-Diaz, N. V., Yang, X., & Murphy, K. K. (February, 2003). *Faculty mentoring practices to teaching assistants in online environments*. Paper presented at the Educational Research Exchange, Texas A&M University.
- Gazi, Y., Mendoza-Diaz, N. V., Yang, X., Chen, C. Y., Fite, S., & Murphy, K. L. (February, 2003). *Qualitative research on online learning*. Paper presented at the Educational Research Exchange, Texas A&M University.

FUNDED PROPOSALS**External**

- Mendoza-Díaz, N. V., & Luján-Ramírez J.M. (August, 2005) *E-rate 2005-2006 Internal and External Communications for the Brazos School for Inquiry and Creativity (Charter School system with 6 Campuses in College Station-Houston area, serving*

PreK-12 levels). Funding for the Connection and Technology Plan Implementation. (\$500,000).

University

Mendoza-Díaz, N. V., & Magnussen W. (August, 2003). *REU Supplemental Funding for the NSF-Grant 0116631*. Supplemental funding provided for Research Experiences for Undergraduate Students (\$4,546).

UNFUNDED PROPOSALS

University

Cifuentes L. (PI), Marti W. (Co-Investigator), & Magnussen W. (Co-investigator), Mendoza-Díaz N.V. (grant writer), (January, 2005). *Partnerships for International Research and Education: The International Virtual Network Engineering Laboratory*. Proposal submitted to the National Science Foundation. (\$760,179).

Cifuentes L. (PI), Marti W. (Co-Investigator), & Magnussen W. (Co-investigator), Mendoza-Díaz N.V. (grant writer), (February, 2005). *NSF-CONACYT: The International Virtual Network Engineering Laboratory*. Proposal submitted to the National Science Foundation. (\$99,939).

Cifuentes L. (PI in the US), Lepe-Aldama O.I. (PI in Mexico), & Mendoza-Díaz N. V. (grant writer), (May, 2005). *TAMU-CONACYT: Culturally Responsive Design of the International Virtual Network Engineering Laboratory*. Proposal submitted to Texas A&M and CONACYT. (\$23,816).

Cifuentes L. (PI), Liu J. (Co-Investigator), Marti W. (Co-Investigator), & Mendoza-Díaz N. V. (grant writer), (May, 2005). *NSF-ALT: A distributed, Collaborative Online Learning Environment: The Virtual Network Engineering Lab*. Proposal submitted to National Science Foundation under the Advanced Learning Technologies Program. (\$600,000).

COURSES

Teaching Assistant -Graduate Courses at Texas A&M University

EDTC 618/668: Applications of Telecommunications in Education. (Summer of 2003) taught by Dr. Karen L. Murphy via interactive videoconferencing and computer conferencing –FirstClass and WebCT).

EDTC 602: Educational Technology: Field, Theory, Profession. (Spring of 2003), taught by Dr. Karen L. Murphy via interactive videoconferencing and computer conferencing –FirstClass and WebCT).

EDTC 608: Foundations of Distance Learning. (Fall of 2002), taught by Dr. Karen L. Murphy via interactive videoconferencing and computer conferencing –FirstClass and WebCT).

Graduate Courses at Other Universities

Educational Technology Theories Module, (Fall of 2003), As part of the Educational Technology Specialty program. Taught via interactive videoconferencing and

computer conferencing –BlackBoard). Autonomous University of the State of Hidalgo, Hidalgo, MEXICO.

Computer Networks Foundations –Upper TCP/IP Layers, (Fall of 2001), As part of the Diploma in Telecommunications. Autonomous University of the State of Hidalgo, Hidalgo, MEXICO.

Computer Networks Foundations –Upper TCP/IP Layers (Spring & Fall of 2000), As part of the Diploma in Computer Engineering. Autonomous University of Ciudad del Carmen, Campeche, MEXICO.

Undergraduate Courses

Intro to Research Applications, (Spring of 2001), Autonomous University of the State of Hidalgo, Hidalgo, MEXICO.

Digital Image Recognition, (Fall 1999), Autonomous University of Ciudad del Carmen, Campeche, MEXICO.

Differential Equations, (Fall 1998 & Spring 1999), Autonomous University of Ciudad del Carmen, Campeche, MEXICO.

Analytic Geometry, (Fall 1998 & Spring 1999), Autonomous University of Ciudad del Carmen, Campeche, MEXICO.

EDUCATIONAL CONSULTING

International

Mendoza-Díaz, N. V. (April, 2003). *Instructional Design for the Educational Technology Specialty program*. Autonomous University of the State of Hidalgo, Hidalgo, MEXICO.

Local

Mendoza-Díaz, N. V., & Luján-Ramírez J. M. (August, 2005) *Technology Plan 2005-2006 for the Brazos School for Inquiry and Creativity (Charter School system with 6 Campuses in College Station-Houston area, serving PreK-12 levels)*.

SERVICE TO THE UNIVERSITY

Texas A&M University

President, *Mexican Student Association at Texas A&M* (2001-2002).

Texas A&M University-College of Education and Human Development

Member, *Technology Council towards the preparation of the College strategic plan* (Spring 2006). College of Education and Human Development, Texas A&M University.

Member, *Search Committee Director for the Center for Distance Learning Research* (Spring 2005). College of Education and Human Development, Texas A&M University.

SERVICE TO THE PROFESSION

International

Chair, Community of Education and Learning Objects, *Mexican University Corporation for the Development of Internet (Mexican Internet2)*, (2004-2005).

Schools

Coordinator and web-designer, *New York-Mexico City Language Exchange*, a project dedicated to bring together an English class in Mexico (Escuela Secundaria Anexa) and a Spanish Class in White Plains-New York (Eastview Middle School) taking advantage of Internet2 technology. (2003-2004).

Coordinator and web-designer, *West-Virginia-Hidalgo Language Exchange*, a project dedicated to bring together an English class in Mexico (Autonomous University of the State of Hidalgo) and a Spanish Class in Sissonville-West Virginia (Sissonville High School) taking advantage of Internet2 technology. (2002).