

**Curriculum Vitae**  
**Noemi V. Mendoza Diaz Ph.D.**  
*Current and accurate as of March 28, 2014*

---

**TRAINING/EDUCATION**

2007-2009	Postdoctoral Researcher, School of Engineering Education, Institute for P-12 Engineering Research and Learning (INSPIRE), Purdue University.
2006	Ph.D., Educational Administration and Human Resource Development, Texas A&M University, College Station, TX. Dissertation: <i>Perceived Consequences and Concerns in the Diffusion of Internet2 at Texas A&amp;M University</i> .
1997	M.S., Telecommunications Engineering, National Polytechnic Institute (IPN), Mexico City, MEXICO. Major: Computer Networks.
1994	B.S., Electronics and Communications Engineering, National Polytechnic Institute (IPN), Mexico City, MEXICO. Major: Communications.

---

**PROFESSIONAL EXPERIENCE**

---

**TRAINER-TEACHER-PROFESSOR**

2009-2014	K-12 Teacher Trainer-Technology Integration. The Brazos School for Inquiry and Creativity, Bryan, TX, USA.
Fall of 2005	High School Teacher, Brazos School for Inquiry and Creativity, College Station, TX, USA.
Fall of 2003	Distant Instructor, Autonomous University of the State of Hidalgo, Hidalgo, MEXICO.
9/2002 – 8/2003	Teaching Assistant, Educational Technology Program, College of Education and Human Development, with Dr. Karen L. Murphy. College Station, TX, USA.
1/2000 – 12/2000	Professor, College of Engineering, Autonomous University of the State of Hidalgo, Hidalgo, MEXICO.
9/1997 – 12/1999	Professor, College of Engineering, Autonomous University of Ciudad del Carmen, Campeche, MEXICO.

---

**ADMINISTRATIVE EXPERIENCE**

2009-present	Founder and Coordinator of the Community of Engineering for the Mexican University Corporation for the Development of Internet (CUDI-Mexican Internet2), MEXICO. [ <a href="http://www.cudi.edu.mx/ingenieria/index.html/">http://www.cudi.edu.mx/ingenieria/index.html/</a> ].
2006-2014	Assistant to the Superintendent, Brazos School for Inquiry and Creativity, College Station, TX, USA.
2002-2005	Founder and Coordinator of the Community of Education for the Mexican University Corporation for the Development of Internet (CUDI-Mexican Internet2), MEXICO.

---

**RESEARCH EXPERIENCE**

9/2009 –present	Independent Researcher, Mexican University Corporation for the Development
-----------------	--

	of Internet CUDI-MEXICO.
9/2007 - 8/2009	Postdoctoral Researcher, School of Engineering Education, Institute for P-12 Engineering Research and Learning (INSPIRE), Purdue University, USA.
1/2005 – 7/2005	Graduate Assistant-Project Coordinator and Grant Writer in the Computer and Information Services, Texas A&M University, USA.
2002 – 2004	Graduate Assistant- Project Coordinator in the Academy for Advanced Telecommunications and Learning Technologies under the auspices of NSF Grant 0116631 “CONACYT: Texas A&M University - UNAM Two-Way Video Infrastructure.” Texas A&M University, USA.
Fall of 2001	Graduate Assistant- Distance Education Specialist, Center for Distance Learning Research. Texas A&M University, USA.
1/2000 – 12/2000	Professor, College of Engineering, Autonomous University of the State of Hidalgo, Hidalgo, MEXICO.
9/1997 – 12/1999	Professor, College of Engineering, Autonomous University of Ciudad del Carmen, Campeche, MEXICO.
1994 - 1997	Graduate Assistant- Management, Network Laboratory Unit, National Polytechnic Institute (IPN), Mexico City, MEXICO.

## FUNDED PROPOSALS/GRANTS

- 
- Mendoza Diaz, N. V., & Lujan Ramirez J.M. (September, 2012) *The Technology Lending Program Grant (TLPG)*. Funding for the acquisition of 70 laptops with mobile Internet access to be lent to economically disadvantaged students of the Brazos School for Inquiry and Creativity.(\$50,000).
- Mendoza Diaz, N. V., Luna Garcia, R., Ruiz Ledesma, F., & Villegas, Saucillo, J. (August, 2010). *Advanced Mathematics for Engineering Learning System Using Networked Curriculum and Computer Adaptive Testing (MAPI-CAT)*. CUDI-CONACYT Funds (\$25,000).
- Mendoza Diaz, N. V., & Lujan Ramirez 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).
- Mendoza Diaz, 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).

## INTERNATIONAL AND LOCAL EDUCATIONAL CONSULTING

- 
- Mendoza Diaz N. V. (2004). *Foundations of the Profession of Distance Education*. Texas A&M-Certificate program delivered to 100 Mexican Professors. Texas A&M University, College Station, TX.
- Mendoza Diaz, N. V. (April, 2003).*Instructional Design for the Educational Technology Specialty Program*. Autonomous University of the State of Hidalgo, Hidalgo, MEXICO.
- Mendoza Diaz, N. V., & Lujan Ramirez J. M. (August, 2005) *Technology Plan 2005-2006 for the Brazos School for Inquiry and Creativity* (Charter School system with 3 Campuses in College Station-Houston area, serving PreK-12 levels).

## TEACHING EXPERIENCE & CURRICULUM MATERIALS DEVELOPMENT

---

### **Instructor**

- Modeling and Simulation of Multidisciplinary Systems*, (Spring of 2009), School of Electrical and Computer Engineering. Purdue University. Assisting Dr. Jason V. Clark.
- 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.
- 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.
- Calculus*, (Fall 1997 & Spring 1998), Autonomous University of Ciudad del Carmen, Campeche, MEXICO.

### **Teaching Assistant**

- 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). Texas A&M University.
- 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). Texas A&M University.
- EDTC 608: Foundations of Distance Learning*. (Fall of 2002), taught by Dr. Karen L. Murphy via interactive videoconferencing and computer conferencing (FirstClass and WebCT). Texas A&M University.

### **Curriculum Materials**

- Mendoza Diaz 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 (CUDI- Mexican Internet2).
- Mendoza Diaz N. V. (2004). Foundations of the Profession of Distance Education. [Curriculum guide]. College Station, TX. Texas A&M University.
- Mendoza Diaz N. V. (2003). Educational Technology Theories.[Curriculum guide]. Hidalgo, MEXICO. Autonomous University of the State of Hidalgo.

## PUBLICATIONS

---

### **Refereed Journal Articles**

- Mendoza Diaz, N. V., Cox F. M., Adams S. G. (2013). Elementary Educators' Perceptions of Minorities in Design, Engineering, and Technology. *Journal of STEM Education*, 14(3), 13-21.

- Mendoza Diaz, N. V., & Cox F. M. (2012). An Overview of the Literature: Research in P-12 Engineering Education. *Advances in Engineering Education*, 3(2). Open online publication available at [http://advances.asee.org/vol03/issue02/papers/aee-vol03-issue02-p13.pdf]
- Strobel, J., Mendoza Diaz, N. V. (2012). Exploration of NSF-ATE Approaches in the Integration of Technology and Engineering Education at the K-12 levels. *Advances in Engineering Education* 3(2). Open online publication available at [http://advances.asee.org/vol03/issue02/papers/aee-vol03-issue02-p14.pdf]
- 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.

### ***Refereed Conference Proceedings***

- Mendoza Diaz, N. V., Luna Garcia, R., Morales Güitron S., & Villegas Saucillo, J. (October, 2011). Computer Adaptive Testing and the Networked Model of Curriculum in an Engineering Education Learning System (MAPI-CAT): The case of Fourier Analysis in Mexico. *Proceedings of the Research in Engineering Education Symposium 2011*. Madrid, SPAIN. ISBN 978-84-695-2615-6
- Mendoza Diaz, N. V., Cox F. M. (2008). Overview of Engineering Education Assessment at Preschool-12th grade levels. *Proceedings of the American Society for Engineering Education 2008*. Pittsburgh, Pennsylvania, USA.
- Mendoza Diaz 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, USA.
- 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, USA.
- Mendoza Diaz N. V. (2002).The Internet2 Mexican Initiative. *Proceedings of the Distance Education Conference 2002*.Austin, Texas, USA.
- Phellan K., Mendoza Diaz N. V., & Mathews S. (2002). An Example of Converting a Traditional Course into Distance Learning: An Open Discussion. *Distance Education Conference 2002*. Austin, Texas, USA.

### ***Manuscripts Submitted***

- Mendoza Diaz, N. V. (revision submitted). Theory Building in Engineering Education: The Case of Internet2 at a Southwestern Institution. *Target Publication: European Journal of Engineering Education*.

### ***Manuscripts in Preparation***

- Mendoza Diaz, N.V. (in progress). An Overview of the Literature: Latinos in Engineering. *Target Publication: Journal of Diversity in Higher Education or Journal of Engineering Education*.
- Mendoza Diaz, N. V., Luna, R., & Villegas Saucillo J. (pending). Networked curriculum and computer adaptive testing: The case of the MAPI-CAT for Fourier analysis in computer engineering. *Target Publication: European Journal of Engineering Education*.
- Mendoza Diaz, N.V. (in progress). An Overview of the Literature: Theory Building in Engineering Education. *Target Publication: Journal of Engineering Education*.

## **RESEARCH AND TECHNICAL PRESENTATIONS**

### ***International: Invited***

- Mendoza Diaz, N. V. (October, 2013). *Competencies of the global engineer and why you should care*. Fall 2013

- members meeting of the Mexican University Corporation for the Development of Internet (CUDI-Mexican Internet2). Campeche, MEXICO.
- Mendoza Diaz, N. V. (October, 2013). *New trends in the education of engineers in the world and Mexico and the CUDI engineering education projects*. Fall 2013 members meeting of the Mexican University Corporation for the Development of Internet (CUDI-Mexican Internet2). Campeche, MEXICO.
- Mendoza Diaz, N. V. (April, 2013). *Impact of the Mexican NREN in Engineering Education*. Spring 2013 members meeting of the Mexican University Corporation for the Development of Internet (CUDI-Mexican Internet2). Queretaro, MEXICO.
- Mendoza Diaz, N. V. (October, 2012). *Impact of the Mexican NREN in Engineering Education*. Fall 2012 members meeting of the Mexican University Corporation for the Development of Internet (CUDI-Mexican Internet2). Chihuahua, MEXICO.
- Mendoza Diaz, N. V. (October, 2012). *Videoconference: Project Based Learning in Engineering Education*. Third National Forum of Mathematics in Engineering. National Polytechnic Institute (IPN)-School of Mechanics and Electrical Engineering (ESIME)-Culhuacán, Mexico D.F. MEXICO. [<http://www.cidmi.esimecu.ipn.mx/conferencias.htm>]
- Mendoza Diaz, N.V. (August, 2012). *Videoconference: Pre-College Engineering Education: American and Mexican Vision. Fourth Virtual Day of the Community of Engineering Education in the Internet2 Mexican Initiative*- Organizer for the Mexican University Corporation for the Development of Internet (CUDI-Mexican Internet2). [[http://www.cudi.edu.mx/aplicaciones/dias\\_cudi/12\\_08\\_31/index.html](http://www.cudi.edu.mx/aplicaciones/dias_cudi/12_08_31/index.html)]
- Mendoza Diaz, N.V., Luna Garcia, R., Morales Güitron S., & Villegas Saucillo, J. (October, 2011). *Computer Adaptive Testing and the Networked Model of Curriculum in an Engineering Education Learning System (MAPI-CAT). The case of Fourier Analysis in Mexico*. Paper presented at the Research in Engineering Education Symposium 2011. Madrid, SPAIN.
- Mendoza Diaz, N.V. (October, 2011). *Videoconference: Model-Eliciting Activities in Engineering Education*. Third National Forum of Mathematics in Engineering. National Polytechnic Institute (IPN)-School of Mechanics and Electrical Engineering (ESIME)-Culhuacán, Mexico D.F. MEXICO.
- Mendoza Diaz, N.V. (September, 2011). *Videoconference: The innovation/creativity processes fostered in the Schools of Engineering in Mexico and the United States. Third Virtual Day of the Community of Engineering Education in the Internet2 Mexican Initiative*- Organizer for the Mexican University Corporation for the Development of Internet (CUDI-Mexican Internet2). [[http://virtual.cudi.edu.mx:8080/access/content/group/968a6301-2f61-4cca-9602-8864583d4e91/dias\\_virtuales/2011\\_09%3A06/2011\\_09\\_06](http://virtual.cudi.edu.mx:8080/access/content/group/968a6301-2f61-4cca-9602-8864583d4e91/dias_virtuales/2011_09%3A06/2011_09_06)]
- Mendoza Diaz, N.V., Luna Garcia, R., Ruiz Ledesma, Villegas Saucillo, J. & Morales Güitron S. (May, 2011). *Learning system for advanced mathematics in engineering using networked curriculum and computer adaptive testing (MAPI-CAT)*. Spring 2011 members meeting of the Mexican University Corporation for the Development of Internet (CUDI-Mexican Internet2). Manzanillo, MEXICO.
- Mendoza Diaz, N.V. (October, 2010). *Videoconference: Relationship between Math and Engineering Education under the perspective of information technologies*. Second National Forum of Mathematics in Engineering. National Polytechnic Institute (IPN)-School of Mechanics and Electrical Engineering (ESIME)-Culhuacán, Mexico D.F. MEXICO.
- Mendoza Diaz, N.V. (August, 2010). *Origin and evolution of the engineering education discipline*. Invited speaker for the Mexican Academy of Engineering, Mexico D.F., MEXICO.
- Mendoza Diaz, N.V. (August, 2010). *Videoconference: Opportunities of the Information Technologies in the Education of Engineers. Second Virtual Day of the Community of Engineering Education in the Internet2 Mexican Initiative*. Organizer for the Mexican University Corporation for the Development of

- Internet (CUDI-Mexican Internet2).  
[[http://virtual.cudi.edu.mx:8080/access/content/group/968a6301-2f61-4cca-9602-8864583d4e91/dias\\_virtuales/2010\\_08\\_27/2010\\_08\\_27\\_dia\\_virtual](http://virtual.cudi.edu.mx:8080/access/content/group/968a6301-2f61-4cca-9602-8864583d4e91/dias_virtuales/2010_08_27/2010_08_27_dia_virtual)]
- Mendoza Diaz, N.V. (April, 2010). *Trends in Engineering Education*. Workshop for the Mexican University Corporation for the Development of Internet (CUDI-Mexican Internet2). Spring 2010 members meeting, Morelia Michoacán. MEXICO.
- Mendoza Diaz, N.V. (September, 2009). *Videoconference: First Virtual Day of the Community of Engineering Education in the Internet2 Mexican Initiative*. Organizer for the Mexican University Corporation for the Development of Internet (CUDI-Mexican Internet2).  
[[http://virtual.cudi.edu.mx:8080/access/content/group/968a6301-2f61-4cca-9602-8864583d4e91/dias\\_virtuales/09\\_09\\_03/Primer%C3%ADa%20Virtual%20de%20la%20Comunidad](http://virtual.cudi.edu.mx:8080/access/content/group/968a6301-2f61-4cca-9602-8864583d4e91/dias_virtuales/09_09_03/Primer%C3%ADa%20Virtual%20de%20la%20Comunidad)]
- Mendoza Diaz, N.V. (Septiembre, 2009). *Adoption of innovations for e-government*. Invited speaker for Comité de Informática de la Administración Pública Estatal y Municipal (CIAPEM). Hidalgo, MEXICO.
- Mendoza Diaz, N. V. (November, 2008). *E-Learning in the U.S. and Mexico; Coincidences and Opportunities*. Invited keynote speaker for 1<sup>st</sup> International Conference on Information and Communications Technologies. Hidalgo, MEXICO.
- Mendoza Diaz, N. V. (April, 2005). *The Profession of Distance Education Workshop*. Invited seminar presented at the Mexican University Corporation for the Development of Internet (CUDI-Mexican Internet2). Spring 2005 members meeting. Veracruz, MEXICO.
- Mendoza Diaz, N. V. (April, 2005). *Videoconference: The Texas A&M Virtual Network Laboratory*. Invited presentation for the Mexican University Corporation for the Development of Internet (CUDI-Mexican Internet2).
- Mendoza Diaz, N. V. (March, 2005). *Videoconference: Working session of learning objects*. Invited presentation for the Mexican University Corporation for the Development of Internet (CUDI-Mexican Internet2).
- Mendoza Diaz 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 (CUDI-Mexican Internet2).
- Mendoza Diaz, 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 (CUDI-Mexican Internet2).
- Mendoza Diaz, N. V. (October, 2003). *Videoconference: Education Virtual Day*. Invited presentation for the Mexican University Corporation for the Development of Internet (CUD-Mexican Internet2).
- Mendoza Diaz, 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 (CUD-Mexican Internet2). Fall 2003 members meeting. Puebla, MEXICO.

### **Refereed**

- Mendoza Diaz, N. V. (2009). *Review of Studies of Hispanics in Engineering*. American Association of Hispanics in Higher Education. Presentation at the Fourth Annual National Conference of the American Association of Hispanics in Higher Education (AAHHE) 2009. San Antonio, TX.
- Mendoza Diaz, N. V., & Cox F. M. (2008). *Overview of Engineering Education Assessment at Preschool-12th grade levels*. Paper presented at the Annual Conference of the American Society for Engineering Education 2008. Pittsburgh, PA.

- Mendoza Diaz N. V., Dooley L. M., & Dooley K. E. (2007). *Adoption of Internet2 in a Southwestern University: Human Resources Concerns*. Paper presented at the International Conference of the Academy for Human Resource Development 2007. Indianapolis, IN.
- Cifuentes. L., Mendoza Diaz 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 10<sup>th</sup> Annual Distance Education Conference. Austin, TX.
- Murphy, K. L., Chen, L., Mahoney, S. E., Gazi, Y., Yang, S., Fite, S., & Mendoza Diaz, 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, TX.
- 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.
- 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.
- Mendoza Diaz N. V. (2002). The Internet2 Mexican Initiative. *Proceedings of the Distance Education Conference 2002*. Austin, TX.
- Phellan K., Mendoza Diaz N. V., & Mathews S. (2002). An Example of Converting a Traditional Course into Distance Learning: An Open Discussion. *Distance Education Conference 2002*. Austin, TX.

## UNIVERSITY SERVICE

### ***Purdue University***

Co-Presenter, “*Venues for Publishing Engineering Education Research*” for Nov. 6, 2008, Research Seminar of the School of Engineering Education, Purdue 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.

**PROFESSIONAL SERVICE**

---

***International***

Reviewer for *the American Society for Engineering Education Conference, the Journal of Diversity in Higher Education, Advances in Engineering Education, Journal of Pre-College Engineering Education Research and the European Journal of Engineering Education*.

Presenter-Organizer, *Electrical Engineering-Children workshop from the Boston Museum of Science-Engineering is Elementary Curriculum*. Fall 2013 members meeting of the Mexican University Corporation for the Development of Internet (CUDI-Mexican Internet2). Campeche, MEXICO.

Presenter-Organizer, *Electrical Engineering-Children workshop from the Boston Museum of Science-Engineering is Elementary Curriculum*. Spring 2013 members meeting of the Mexican University Corporation for the Development of Internet (CUDI-Mexican Internet2). Queretaro, MEXICO.

Chair, Community of Engineering Education, *Mexican University Corporation for the Development of Internet (CUDI-Mexican Internet2)*, (September 2009-present).

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

***K-12 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).

**PROFESSIONAL ASSOCIATIONS**

---

International Society for Technology in Education (8/2013 -present)

Society of Hispanic Professional Engineers (2012 -present)

Research in Engineering Education Network (2011-present).

Society for Advancement of Chicanos and Native Americans in Science (2009-present).

American Society for Engineering Education (2007-present).

**HONORS/AWARDS**

---

*Apprentice Faculty Grant (\$2,000)* from the Educational Research and Methods Division of the *American Society for Engineering Education*, for demonstrated commitment to innovation in teaching and potential for substantial contributions to the field (June 2009).

*Travel Award (\$500.00)* from Purdue's Latino Faculty and Staff Association for research poster titled "Narrative analysis in the Exploration of African American and Latino Teachers' Perceptions of Minorities in Engineering" (Oct. 2008).

*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), MEXICO (1996-1997).

*Scholarship* awarded by IPN Foundation for the outstanding development in the National Polytechnic Institute (IPN), MEXICO (1994-1996).

*Diploma* for the top average and development in the Bachelor level given by the National Polytechnic Institute (IPN), MEXICO (1993).

*Diploma* for the best average of the class in the preparatory school level given by the National Autonomous University of Mexico (UNAM), MEXICO (1987-1989).

## **JUST FOR FUN**

### ***Hobbies***

Zumba Fitness® Licensed Instructor in Zumba Basic®, Zumba Kids® and Zumba Kids Jr.® (<http://noemivmendozadiaz.zumba.com/>).

Children's Choir (Angelitos de Dios)-Voice Coach at Santa Theresa Catholic Church-Bryan Texas.