

Dr. Oscar Vázquez-Meléndez
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Education

Doctor of Education

- Nova Southeastern University, Fort Lauderdale, FL. Specialization: Computing and Information Technology, 1996.
- Dissertation: Development, Implementation and Evaluation of a Model Distance Learning Curriculum in Spanish to Prepare Hispanic Migrant Farmworkers for the General Educational Development Tests

Master of Public Administration

- Troy State University, Troy, AL, 1992.

Bachelor of Arts

- Cameron University, Lawton, OK, 1986. – Foreign Languages

Associate Degree

- Universidad de Puerto Rico, 1972.

Professional Experience

2010 – Present Chief Learning Architect for Adler School.

- Manage all technology curricula and instructional design for a bilingual pK12 private school.
- Created and implemented myAdlerSchool, a bookless environment based on state standards.
- Implemented coding programming for K12 students.
- Implemented and trained teachers in the use of technology tools to teach using presential, hybrid or totally online environments.

2007 – 2013 Program director for Nova Southeastern University doctoral program in Instructional Technology and Distance Learning.

- Manage all course coordination for 125 doctoral students.
- Program professor of Instructional Design and Distance Learning.
- Dissertation advisor and mentor.

2005 – 2012 Adjunct Professor, Doctoral Program in Business Administration, Universidad del Turabo, Consorcio Educativo Ana G. Méndez, Puerto Rico

- Dissertation Advisor. Worked with 5 doctoral candidates in completing their dissertations on time.
- Taught Information Technology courses at the master's and doctoral program. The courses are web-enhanced to allow participation of geographically dispersed students.

2005 – 2012 Associate Professor, Escuela de Empresas, Universidad del Este, Consorcio Educativo Ana G. Méndez, Puerto Rico.

- Taught Computing and Information Technology courses at the graduate and undergraduate programs. The courses are web-enhanced to allow participation of geographically dispersed students.
- Taught online courses in Security and Assurance, Security Architectures, and Forensic Investigation at the graduate and undergraduate programs.

2005 – 2011 Adjunct Professor, Computer Science Department, Universidad Inter-Americana de Puerto Rico.

- Taught online graduate courses –
 - Computación en Sistemas Abiertos de la Información (Open Source and Computation).
 - Taught Security and Protection Courses.

2005 – 2017 Adjunct Professor, ITT Technical College, Carmel, IN, USA

- Taught online courses in Security and Assurance, Security Architectures, and Forensic Investigation.
- Taught capstone courses in Security and Assurance Security Architectures, and Forensic Investigation.

2004 – 2005 Campaign Manager, Albert F. Spencer for U.S. Congress, District 5th, South Carolina.

- Directed and schedule all political matters for the candidate.
- Established the vision of the candidacy.
- Clarified priorities and defined political goals and strategies.
- Created accountability and gained agreement throughout all party lines.
- Central coordinator for the candidate's story record, character, personal and financial resources for the campaign.
- Served as the focal point for trends and issues of thirteen counties with a small army of volunteers, and grassroots coalitions.
- Developed candidate's message, organization, and communication efforts.

1998 – 2005 Department Chair and Associate Professor of Computer Science and Information Technology, Limestone College, Gaffney, South Carolina.

- Directed the operation of a department to include human resources issues and budget recommendations.
- Serves as an advocate for the department and between the department and the administration of the organization.
- Analyzes proposed changes in learning requirements, assesses the impact on organizational resources, and advises or guides faculty and administration in the most effective course of action.
- Made recommendations to the administration on contract renewal, promotions, tenure, and other departmental personnel matters.
- Supervised seven-faculty member.
- Advised over 180 students in their academic, professional and career development.
- Teach 34 credits in an online format:
 - Introduction to Computer Science
 - Operating Systems and Networking
 - Database Management

1999 – 2000 Consultant to SHERIKON, Inc., a Louisiana corporation.

- Developed plans to conduct a feasibility study and requirements definition to build a distance learning system for the US Army Medical Communications for Combat Casualty Care (MC4), a medical digitization for soldier care.
- Developed and provided budget recommendations for development of training courses for civilian and military personnel relating to the MC4 project.

1993 – 2005 Assistant Program Director - University of Tennessee Southeastern High School Equivalency Program, Knoxville, Tennessee.

- Developed a statewide program to prepare migrant farm workers for the General Educational Development Tests.
- Served as counselor and conduct skill assessments of students.
- Served as liaison with the public-school systems and colleges on extension training.
- Scheduled, trained, and evaluated program staff.
- Developed operational budget for the program.

1992 – 1993 Management of Information Systems MIS - Southeastern Task Force – U.S. Army Vicenza, Italy.

- Managed and supervised the development of a Secured Wide Area Network of distributed computers and associated communications equipment.
- Evaluated proposals, contracts and hardware performance.
- Trained prospective users.
- Aggressively planned, budgeted, monitored and executed the installation of high-speed secured computer terminals.

- Guided computer engineers and users through implementation disagreement and put the project back on course.
- Completed project on time, saving \$1,525,000.

1990 – 1993 Security and Assurance Manager - United States Army, Europe.

- Developed contingency planning at the Top Secret, COSMIC, NUCLEAR clearance level for a Nuclear Weapons site.
- Managed the training and certification program to qualify personnel to perform weapons security and assurance duties.
- Established policies, guidelines, and directives to guard, maintain and deploy sensitive material.
- Planned and coordinated system forensic investigations.
- Developed disaster recovery plans to protect sensitive organizational assets.

1988 – 1990 Personnel Management - United States Army South, Republic of Panamá.

- Leader of a unit of 500 service members and 1200 civilian personnel.
- Made recommendations to manage a budget of over 10 million dollars.
- Fostered an intrinsic reward system for unit personnel that resulted in significant improvement in job satisfaction and performance.
- Coordinated actions regarding labor relations, management-employee relations, grievances and appeals, and other actions related to employee services.

1985 – 1987 Human Resources - United States Army South, Republic of Panamá.

- Developed a comprehensive orientation program for new personnel that substantially focused on organizational objectives and format for three years hence.
- Managed office support and personnel functions for a 50 people work force, to include hiring, maintaining and updating personnel files, performance evaluation, on-the-job training, time accounting, recruiting, and EEO.
- Established an upward mobility program that improved skills.
- Planned and assigned work, set priorities, advised employees on program goals and objectives.
- Set performance standards and appraised key employees.

Developed and Taught the Following Online Courses

Core Courses

Introduction to Computer Science
 Microcomputer Applications
 Survey of Programming
 Languages
 Introduction to Internet Applications and Technology
 Operating Systems and Networking Fundamentals

Computer and Information Systems Security and Assurance

Network Security Fundamentals
Implementing Network Defense and Counter Measures
Implementing Internet/Intranet Firewalls
Implementing Operating Systems and Applications Security
Computer Forensics and Cyber Forensics
Disaster Recovery and
Backup Security Policy &
Procedures Internet Security
Capstone Course

Information Technology

Information Systems Analysis and Design
Database Management
Database Programming
Project Management for Information Technology

The above courses are taught at a distance, online and in the classroom. Some are taught at a masters and doctoral level.

Coordinator and Manager of Instructional Programs

- Computer Science Information Management - B.S.
- Computer Science Information Technology - B.S.
- Computer Science Information Systems Security and Assurance - B.S.

Grants

- Migrant Education High School Equivalency Program – University of Tennessee – 1993, 1998, 2004, 2008, 2012.
- Funds for the improvement of postsecondary education – Limestone College 2002-2005
- Hispanic e-Learning Program (HeLP) - Coca-Cola Foundation – Limestone College 2004

Completed Research and ERIC Publications

Vázquez-Meléndez, O. (1994). Development of a Conceptual Database Design to Maintain and Transfer Educational Records of Adult Migrant Farm workers.

Vázquez-Meléndez, O. (1994). The Development of a Survey Instrument to Assess the English Language Needs of Hispanic Migrant Farm workers.

Vázquez-Meléndez, O. (1995). An Evaluation of the Effectiveness of Fundamentals of English Computer - Assisted Instruction Curriculum on Hispanic Migrant Farm Workers Studying English as a Second Language.

Vázquez-Meléndez, O. (1995). A Comparison of Graduation Rates and TABE Scores of Hispanic Migrant Farm workers entering the High School Equivalency Program.

Awards

- Nominated for outstanding dissertation project award, Nova Southeastern University, 1996.
- Received the Meritorious Service Medal for 23 years of exemplary military service in the United States Army and other combat service medals.
- Received Award for Outstanding and Dedicated Service to the Military Community Religious Services.

Presentation to Professional Organizations

Vázquez-Meléndez, O. (2017). "The Future of Online Education in Cuba". Presentation to the Annual Conference of University Chancellors, Havana, Cuba.

Vázquez-Meléndez, O. (2015). "Mitigando la Brecha Digital: Educación Móvil". Presentation to the Duodécima Conferencia Annual del College Board, Paradise Puerto Rico.

Vázquez-Meléndez, O. (2013). "Cuarto Congreso Puertorriqueño de Web educación". Presentation on Learning Objects and Educational Software Development, Universidad Sagrado Corazón.

Vázquez-Meléndez, O. (2012). "The Tools of WebCT in Course Development". On-line presentation to the Southeastern High School Equivalency Program, University of Tennessee.

Vázquez-Meléndez, O. (2010). "Curriculum Development and the Internet." Presentation at the South Carolina Web Development Association.

Vázquez-Meléndez, O. (2009). "Course Development and Distance Education." Presentation at the University of Tennessee High School Equivalency Program Directors.

Vázquez-Meléndez, O. (2008). "Project Management in Information Technology." Presentation at the annual Society of Industrial and Applied Mathematics (SIAM). Rio Mar, Puerto Rico.

Vázquez-Meléndez, O. (2007). "The Future of Hispanics and Technology in America." Presentation at the 1997 South Carolina Hispanic Heritage Month Celebration.

Vázquez-Meléndez, O. (2005). Dissertation results presented to the National Migrant Education Conference.

Vázquez-Meléndez, O. (2004). "The State of Hispanic Education in the U.S." A paper presented to the South Carolina Hispanic Coalition.

Professional Membership

- Association of Security Managers, South Carolina Chapter.
- Web Developers Association of Colleges and Universities.
- Association for Computing Machinery (ACM).
- IEEE Computer Society.
- South Carolina Migrant Education Task Force.
- The Retired Armed Forces Officer Association.

Special Skills

- Instructional Designer and Developer. Developed courses for graduate and undergraduate online programs.
- Distance Learning Curriculum Developer. Developed complete educational programs for institutions of higher learning and government.
- Developer and designer skills in online learning platforms like Cypher Learning, CANVAS, Moodle, WebCT, Blackboard, Schoology, eCollege, Fronter, Angel, and other proprietary platforms.
- Security program consultant and developer.
- Held a Top Secret, Cosmic and Nuclear Special Clearance from the United States Army.
- Project management experience with US Government.
- US Army Retired Officer.
- Speak English, Spanish and Italian.
- Traveled and lived in the Orient, Central, South and North America, Europe, and Asia.