

Victor M. Hernández-Gantes

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Education

Ph.D. Educational Research & Evaluation (May 1993)

Institution: Virginia Polytechnic Institute and State University. Blacksburg, VA
Concentration: Ex-post facto research/School learning theory/Agricultural Education
Dissertation: Direct and indirect effects of school learning variables on Hispanic-American eighth-grade students

Graduate Certificate: Specialization in International Research and Development (March 1993)

M.S. Agricultural Education (August 1986)

Institution: Virginia Polytechnic Institute and State University. Blacksburg, VA
Concentration: International development/Women in development

B.S. Agronomy (January 1979)

Institution: Guerrero State Agricultural College. Iguala, Gro., Mexico
Concentration: Research in Agricultural/Social Contexts

Honors

- Nomination for a University Teaching Award at Florida State University (2001)
- AVERA Outstanding Article Award for the article in Volume 20 of the JVER (1997)
- AVERA Outstanding Presentation Award for best presentation at the 1996 Conference (1997)
- Excellence in Teaching Award. Guerrero State Agricultural College (December 1991)
- Virginia Tech Graduate Student Association Research Grant (August 1989)
- American Farm School Scholarship. Thessaloniki, Greece (June 1989)
- U.S. Agency for International Development Scholarship: OAS Internship (Summer 1986)
- Fulbright Scholar, 1984-1986
- U.S. Agency for International Development Scholarship (1984-1986)
- Guerrero State Agricultural College Graduate with Distinction (January 1979)

Affiliations

- Association for Career and Technical Education Research (ACTER)
- American Education Research Association (AERA)
- International Vocational Education and Training Association (IVETA)
- Association for Career and Technical Education (ACTE)
- Omega Tau Theta, National Honorary Society in Career and Technical Education
- Phi Delta Kappa, National Honorary Society in Education

Research/Evaluation Interests

- Impact of school reform on students' learning, motivation, and career development
- Quality of integrated and contextual, curriculum, teaching, and learning practices
- Quality and impact of the interface of program design factors on student outcomes

- Nature, role, and impact of career and technical education program featuring science, technology, engineering, and mathematics (STEM) curricula.
- Enrollments patterns and strategies for enhancing student participation in STEM-related educational pathways.

Professional Experience

Research and Evaluation

Associate Professor. University of South Florida, Department of Adult, Career, and Higher Education, Tampa, FL (August 2004 to Present). Conducting research on the impact of career-oriented programs on students' learning and career development.

Senior Educational Researcher. Center for Educational Technologies, Wheeling Jesuit University, Wheeling, WV (December 2002 to July 2004). Conducted research and evaluation of internal and external projects involving development and implementation of science curricula and professional development.

Associate Professor. Florida State University, Department of Educational Leadership and Policy Studies, Tallahassee, FL (August 1999 to December 2002). Conducted research on school leadership factors, admission trends in higher education, and participation of women and minorities in the IT industry.

Associate Researcher. Center on Education and Work. University of Wisconsin-Madison, Madison, WI. (May 1993 to August 1999).

- Project Director. Integrating mathematics learning in education-for-work: A national network for improving teaching, curriculum, and learning. Project supported by the U.S. Department of Education (October 1995-September 1997).
- Project Director. Voices of diversity: The students of vocational education, 1993-97. Project supported by the National Center for Research in Vocational Education (NCRVE) (May 1993-Dec. 1997).
- Project Director. Linking the NCTM *Standards* to emerging vocationalism. Project supported by NCRVE (Jan 1994-Dec 1996).
- Consultant. Center consultant on data analysis, research and evaluation of educational programs.
- Advisor. Advised educational administration and vocational education doctoral students in dissertation research work.

Research Associate. National Center for Research in Vocational Education. University of California at Berkeley, Virginia Tech Office. Blacksburg (Va. August 1992- May 1993). Evaluated national teleconferences and curriculum materials in vocational education.

Graduate Research Assistant, Virginia Tech, Blacksburg, VA.

- National Center for Research in Vocational Education. University of California at Berkeley, Virginia Tech Office (Jan-Aug 1992). Assisted on research projects in educational leadership.
- Dean's Office, College of Education. (Fall 1989). Assisted in the organization, conduction, and evaluation of special events.
- Institute for the Study of Exceptionalities. (Aug 1988-May 1989). Conducted research on

grant opportunities and funding sources for educational programs.

Intern, Organization of American States, Practical Training on International Education. Washington, DC. (Summer 1986). Researched and produced a report on educational trends in Latin America.

Associate Researcher. Office of Research/School of Agriculture, Guerrero State Agricultural College, Iguala, Gro., Mexico. (1979-1982). Contributed to the development of corn and soybean varieties. Designed, conducted and reported data on experimental research.

Teaching

Associate Professor. University of South Florida, Department of Adult, Career, and Higher Education, Tampa, FL (August 2004 to Present). Teaching courses supporting the Master of Arts Degree program in career and technical education and the Ph.D. in Career and Workforce Education.

Associate Professor. Florida State University, Department of Educational Leadership and Policy Studies, Tallahassee, FL. (August 1999 to December 2002).

- Developed and taught graduate courses in research methods, educational leadership, curriculum design, and vocational education.
- Developed and supervised independent and research study experiences for graduate students in educational leadership/administration.
- Developed and facilitated graduate courses in educational leadership for delivery through distance learning technology.

Instructor. University of Wisconsin-Madison. Madison, WI. Continuing, Adult, and Vocational Education Program. (1994-1995). Designed and supervised an independent study on Qualitative Research Methods and an independent study on Benchmarking Practices in Education.

Guest Lecturer. University of Wisconsin-Madison. Department of Educational Administration (July-August 1994). Team-taught application of benchmarking processes to quality improvement of educational programs to doctoral students in vocational education and educational administration.

Professor. School of Agriculture, Guerrero State Agricultural College. Iguala, Gro., México. Department of Agronomy:

- Taught Extension and Research Methods to senior students in animal science and agronomy programs (January-July 1991).
- Taught three sections of Agricultural Extension methods (September 1986-December 1987).
- Taught courses in Production Methods, Meteorology, and Agricultural Extension (September 1982-May 1984).

Instructor. Vocational Agriculture Center, Guerrero State Agricultural College. Iguala, Gro., Mexico. (1978-1979). Instructed three sections for an introductory course in Crop Production and assisted in lab practices for an undergraduate introductory Quantitative Genetics course.

Extension, Training, and Community/International Development

Lecturer. Universidad Torcuato di Tella, Buenos Aires, Argentina (November 2001). Conducted an 8-hour session on school restructuring issues for master's degree students in educational administration.

Consultant. Educational Development Center (EDC) of Boston, MA. (July 1997). Assisted EDC staff in designing, conducting, and facilitating a workshop on linking workforce educational systems and economic development in Lima, Peru.

Training Director, Peace Corps-West Africa. U.S. Peace Corps, Pre-Service Training Program. The Gambia, West Africa. (Spring 1990). Designed, coordinated, and evaluated technical training; and provided instruction to 19 trainees on vegetable production, agricultural extension, and leadership development.

Instructor, Peace Corps-West Africa. U.S. Peace Corps-Africa Food Systems Initiative Program (AFSI). The Gambia, West Africa. (July-August 1989). Trained volunteers using both classroom and hands-on instruction on needs assessment, agricultural extension, and working with women in vegetable production.

Assistant Instructor. American Farm School-Greece. Internship, International Agricultural Training Seminar. Thessaloniki, Greece. (June 1989). Participated in training African extension agents on methods and management of practical training in agriculture, agricultural development, and leadership.

Training Director. Guerrero State Agricultural College-Guerrero State Government Joint Project: Training in soybean production, processing and utilization. Mexico, March-December 1987. Developed, planned, organized, and coordinated training of women in soybean production, processing and utilization in 16 counties located in northern Guerrero.

Extension Specialist. School of Agriculture, Guerrero State Agricultural College. Iguala, Gro., Mexico. (September 1982-May 1984). Conducted demonstrations on soybean production practices, and processing and utilization for low-income families (with focus on women) in rural and urban areas.

Administration

Program Director. Adult, Career and Higher Education Department, University of South Florida (210 to present). Serving as Director of the Career and Workforce Education program including a Master in Career and Technical Education and a Ph.D. in Career and Workforce Education.

Program Coordinator. Adult, Career and Higher Education Department, University of South Florida (2004 to present). Serving as Coordinator of the Ph.D. in Career and Workforce Education.

Project Director. Center for Educational Technologies, Wheeling Jesuit University. (October 2003 to present). Currently managing the development of a NASA Career Information System involving an interdisciplinary team including internal and external partners.

Project Director. Center on Education and Work, University of Wisconsin-Madison. (May 1993 to Aug.

1999). Managed research and demonstration projects including supervision of project staff, data collection, report writing, and dissemination activities.

Director. School of Agriculture, Guerrero State Agricultural College. Iguala, Gro., Mexico. (September 1986-January 1988). Administered a 4-year school of agriculture including departments of Animal Science, Agronomy, Research & Extension, Laboratory Services, 100-acre crop field, a dairy production center, and supervision of 125 employees.

Vice-President. Guerrero State Agricultural College. Iguala, Gro., Mexico. (Jan-May 1984). Assisted in the administration of educational programs in both a 4-year school of agriculture and a vocational center; promoted training programs with community, state, and federal agencies; and provided leadership to strengthen the Research and Extension program.

Director. School of Agriculture, Guerrero State Agricultural College. Iguala, Gro., Mexico. (December 1982-December 1983). Administered a 4-year school of agriculture including departments of Animal Science, Agronomy, Research & Extension, Laboratory Services, 100-acre crop field, a dairy production center, and supervision of 125 employees.

Associate Director. School of Agriculture, Guerrero State Agricultural College. Iguala, Gro., Mexico. (June-December 1982). Assisted in academic affairs and the restructuring of the Agronomy and Animal Science departments; supervised Admissions Office, Academic Personnel Office; developed manual of academic procedures for faculty, staff, and students.

Publications

Books and Monographs

Hernández-Gantes, V., & Blank, W. (2009). *Teaching English language learners in career and technical education programs*. New York: Routledge.

Hernandez, V., Kirby, J., & McGee, S. (2004). *Competency assessment in distributed education*. Washington, D.C.: Association of Jesuit Colleges and Universities.

Hernández-Gantes, V. M., & Quijada, P. (1998). *Working with Latino high school students*. Madison, WI: Center on Education and Work, University of Wisconsin-Madison.

Hernández-Gantes, V. M., Brendefur, J., & Burrill, J. (1998). *Integrating mathematics in occupational contexts: A guide for developing standards-based units*. Madison, WI: Center on Education and Work, University of Wisconsin-Madison.

Hernández-Gantes, V. M., Burrill, J., & Brendefur, J. (1998). *Integrating mathematics in occupational contexts: A sampler of curriculum units*. Madison, WI: Center on Education and Work, University of Wisconsin-Madison.

Phelps, L.A., Hernandez-Gantes, V., Pribbenow, C.M., & Sargent, T. (1998). *Teacher learning in the workplace and community (MDS-1265)*. Berkeley, CA: National Center for Research in Vocational Education.

Hernandez-Gantes, V.M. (1997). *Voices of diversity in programs linking education and work (MDS-922)*.

Berkeley, CA: National Center for Research in Vocational Education.

Hernandez-Gantes, V.M. & Nieri, L. (1997). *Linking the NCTM standards to school-to-work reform (MDS-931)*. Berkeley, CA: National Center for Research in Vocational Education.

Hernandez-Gantes, V.M. (1997). Learning from students' perspectives on programs linking education and work. *Voices of Diversity, Brief 1 (MDS-931a)*. Berkeley, CA: National Center for Research in Vocational Education.

Hernandez-Gantes, V.M. (1997). Quality indicators of programs linking education and work. *Voices of Diversity, Brief 2 (MDS-931b)*. Berkeley, CA: National Center for Research in Vocational Education.

Hernandez-Gantes, V.M. (1997). Building a school climate conducive to learning: Students' perspectives. *Voices of Diversity, Brief 3 (MDS-931c)*. Berkeley, CA: National Center for Research in Vocational Education.

Hernandez-Gantes, V.M. (1997). Grounding career development in authentic learning activities. *Voices of Diversity, Brief 4 (MDS-931d)*. Berkeley, CA: National Center for Research in Vocational Education.

Hernandez-Gantes, V.M. (1997). Connecting education and work through authentic instruction. *Voices of Diversity, Brief 5 (MDS 931e)*. Berkeley, CA: National Center for Research in Vocational Education.

Hernandez-Gantes, V.M. (1997). Gender perspectives on programs linking education and work. *Voices of Diversity, Brief 6 (MDS-931f)*. Berkeley, CA: National Center for Research in Vocational Education.

Hernández-Gantes, V. M., Sorensen, R., & Nieri, A. (1996). *Fostering entrepreneurship through business incubation: The role and prospects of postsecondary education (Report 1, Survey of business incubator clients and managers) (MDS-893)*. Berkeley, CA: National Center for Research in Vocational Education.

Hernández-Gantes, V. M., Sorensen, R., & Nieri, A. (1996). *Fostering entrepreneurship through business incubation: The role and prospects of postsecondary education (Report 2, Case studies) (MDS-895)*. Berkeley, CA: National Center for Research in Vocational Education.

Hernández-Gantes, V. M., Sorensen, R., & Nieri, A. (1996). *Fostering entrepreneurship through business incubation: The role and prospects of postsecondary education (Report 3, Guidebook of opportunities for two-year technical colleges) (MDS-727)*. Berkeley, CA: National Center for Research in Vocational Education.

Hernandez-Gantes, V.M., Phelps, L.A., Jones, J., & Holub, T. (1995). *Speaking about school climate in emerging vocationalism: Voices of diversity within the school (MDS-1031)*. Berkeley, CA: National Center for Research in Vocational Education.

Hernandez-Gantes, V.M., Sorensen, R.P., & Nieri, A.H. (1995). Strengthening entrepreneurship in communities: An emerging role in postsecondary education. (MDS-1032). Berkeley, CA:

National Center for Research in Vocational Education.

Finch, C. R., Reneau, C. E., Faulkner, S. L., Gregson, J. A., Hernández-Gantes, V. M., & Linkous, G. A. (1992). *Case studies in vocational educational administration: Leadership in action (MDS-279)*. Berkeley, CA: National Center for Research in Vocational Education.

Refereed Publications

Culpepper, D., Hernandez-Gantes, V.M., & Blank, W. (Under Review). Determining the quality and impact of an e-mentoring program on at-risk youth (*Journal of Education for Students Placed at Risk*).

Fletcher, E., Lasonen, J., & Hernandez-Gantes, V.M. (Under Review). We don't just make cookies: Practitioners' perspectives on the viability of career and technical education in the United States (*Career and Technical Education Research*).

Fletcher, E., Lasonen, J., & Hernandez-Gantes, V.M. (in press). Opening doors for career advancement: Masters' students insight on program participation. *International Journal of Adult Vocational Education and Technology*.

Fletcher, E., Lasonen, J., & Hernandez-Gantes, V.M. (2013). What is CTE? Practitioners struggle to define their field in the United States. *International Journal of Adult Vocational Education and Technology*, 4(1).

Reeves, K., & Blank, W., Hernandez-Gantes, V.M., & Dickerson, M. (2010). *Using constructivist teaching strategies in probability and statistics*. Conference Proceedings of the Annual Meeting of the American Society for Engineering Education, Louisville, KY.

Hernández-Gantes, V. M. (2010). Emerging frameworks for planning and implementation of online programs. *International Journal of Vocational Education and Technology*, 1(4), 1- 16.

Lasonen, J., & Hernández-Gantes, V. M. (2010). Worldwide challenges of ICT in education and training. *International Journal of Vocational Education and Training*, 18(1), 21-32.

Hernández-Gantes, V. M. (2009). Teaching adult learners in online career and technical education. *International Journal of Web-Based Learning and Teaching Technologies*, 4(4), 32-49.

Hernández-Gantes, V.M., & Brendefur, J. (2003). Developing authentic, integrated, standards-based mathematics curriculum: [More than just] an interdisciplinary collaborative approach. *Journal of Vocational Education Research*, 28(3), 259-284.

Hernández-Gantes, V. M. (1998). Innovative professional development opportunities: Key elements for successful development. NCRVE's *Teacher Learning in the Workplace and Community*, pp. 13-22. Berkeley, CA: National Center for Research in Vocational Education.

Hernández-Gantes, V. M. (1998). Helping students make good career choices. *Classroom Leadership*, 1(6), 8.

Singh, K., & Hernández-Gantes, V. M. (1996). The relation of English language proficiency to

educational aspirations of Mexican-American eighth graders. *Journal of Early Adolescence*, 16(3), 253-273.

Hernandez-Gantes, V.M., Sorensen, R.P., & Nieri, A.H. (1995). *Fostering economic development: Opportunities and challenges in postsecondary education* (MDS-1033). Berkeley, CA: National Center for Research in Vocational Education.

Hernández-Gantes, V. M. (1995). Special issue: Voices of students in career-oriented programs (Guest Editor). *Journal of Vocational Education Research*, 20(2).

Hernández-Gantes, V. M., Phelps, L. A., Jones, J., & Holub, T. (1995). School climate in emerging career-oriented programs: Students' perspectives. *Journal of Vocational Education Research*, 20(2), 5-26.

Hernández-Gantes, V. M., Phelps, L. A., Jones, J., & Holub, T. (1995). School climate in emerging career-oriented programs: Students' perspectives (*Reprint: MDS-279*). Berkeley, CA: National Center for Research in Vocational Education.

Phelps, L. A., Hernández-Gantes, V. M., Jones, J., Sanchez, D., & Nieri, A. (1995). Students' indicators of quality in school-to-work programs. *Journal of Vocational Education Research*, 20(2), 75-102.

Phelps, L. A., Hernández-Gantes, V. M., Jones, J., Sanchez, D., & Nieri, A. (1995). *Students' indicators of quality in school-to-work programs* (*Reprint: MDS-1071*). Berkeley, CA: National Center for Research in Vocational Education.

Banafunzi, N. M. S., Mena, A., Rangel, I., Mastache, A., Molina, M., Hernández-Gantes, V. M., & Márquez, S. (1981). A new soybean for human consumption in the tropics. *Journal of American Oil Chemists' Society*, 58(3), 143-147.

Refereed Chapters

Fletcher, E., & Hernandez-Gantes, V.M. (2013). The status of career and technical education masters programs in the United States. In H. Bednarczyk & J.R. Stone (Eds.), *Career and technical education research and professional development in the United States of America*. Association for Career and Technical Education Research (ACTER) and National Research Center for Career and Technical Education (NRCCTE).

Hernandez-Gantes, V.M., & Fletcher, E. (2013). The need for integrated workforce development systems to broaden the participation of underrepresented students in STEM-related fields. In R. Palmer & L. Wood (Eds.). *Community college and STEM: Examining underrepresented racial and ethnic minorities*. New York: Routledge.

Hernández-Gantes, V. M. (2011). The role of adult education in online delivery of career and technical education. In E. M.W. Ng, N. Karacapilidis, & M. S. Raisinghani (Eds.), *Dynamic Advancements in Teaching and Learning Based Technologies: New Concepts* (pp. 280-298). Hershey, PA: Information Science Reference.

Hernández-Gantes, V. M. (2011). Helping faculty design online courses in higher education. *Encyclopedia of Information Communication Technologies and Adult Education Integration* (pp.

779-794). Hershey, PA: IGI Global.

Hernández-Gantes, V. M. (2010). Teaching adult learners in online career and technical education. In V.C.X. Wang (Ed.), *Integrating Adult Learning and Technologies for Effective Education: Strategic Approaches*. Hershey, PA: IGI Global.

Hernández-Gantes, V. M., & Blank, W. (2009). Speaking of technology: Teaching English language learners in CTE programs. In V. C. X. Wang (Ed.) *Handbook of Research on E-Learning Applications for Career and Technical Education: Technologies for Vocational Training*. Hershey, PA: IGI Global.

Burrill, J., & Hernández-Gantes, V. M. (2003). Team planning to create an integrated curriculum. In S. A. McGraw (Ed.), *Integrated mathematics: Choices and challenges*. Washington, DC: National Council of Teachers of Mathematics.

Hernández-Gantes, V. M. (1999). The business incubation concept: Global possibilities for vocational-technical education. In J. Lasonen (Ed.), *Workforce preparation in a global context*. Jyväskylä, Finland: University of Jyväskylä, Institute for Educational Research.

Hernández-Gantes, V. M. (1995). Critical issues in school-to-work: Professional development. In NCREL (Ed.), *School Development Resources Critical Issues*. Oak Brook, IL: North Central Regional Education Laboratory (NCREL).

Non-Refereed Journals/Field Publications

Blank, B., & Hernandez, V. (2008). Preparing CTE leaders online. *Techniques, January Issue*. Association of Career and Technical Education (ACTE).

Hernandez, V.M. (2006). Discovering other ways to succeed. *The Hispanic Outlook in Higher Education* (March 13, 2006), p. 84.

Hernández-Gantes, V. M. (2001). *Rethinking workforce development*. College of Education Briefs. Tallahassee, FL: Florida State University.

Hernández-Gantes, V. M., & Nieri, L. (1996, Fall). National Council of Teachers of Mathematics standards and education-for-work: A promising equation. *NCRVE Center Work*, 7(4) p. 4-5. Berkeley, CA: National Center for Research in Vocational Education.

Hernández-Gantes, V. M. (1996, Winter). Grounding mathematics in occupational context: Integration efforts reflecting the vision of the NCTM Standards. *NCRVE Center Work*, 7(1) p. 4-5. Berkeley, CA: National Center for Research in Vocational Education, University of California at Berkeley.

Hernández-Gantes, V. M. (1995, January). Is there life after high school? *Tech Prep Advocate*, 2(2), pp. 1-2. Madison, WI: Center on Education and Work, University of Wisconsin-Madison.

Hernández-Gantes, V. M. (1995, April). *What influences eighth-grade Hispanic students' academic achievement? A structural equation analysis*. ERIC, Clearinghouse on Urban Education (ED 386 505).

- Hernández-Gantes, V. M. (1995, April). *Voices of diversity in emerging vocationalism: Students' perspectives on school climate*. ERIC, Clearinghouse on Adult, Career, and Vocational Education, (ED 383 906).
- Hernández-Gantes, V. M. (1994). Voices of diversity in emerging vocationalism. *Center Work, Fall Issue*. Berkeley, CA: National Center for Research in Vocational Education.
- Hernández-Gantes, V. M. (1994). The role of postsecondary institutions in strengthening the development of entrepreneurs. *Center Work, Fall Issue*. Berkeley, CA: National Center for Research in Vocational Education.
- Hernández-Gantes, V. M. (1988). *Soybeans: 12 years of research and extension* (Editor). Guerrero, México: Guerrero State Agricultural College, Office of Research and Extension.
- Hernández-Gantes, V. M. (1988). *Guidelines for a more efficient review of the literature*. Guerrero, México: Guerrero State Agricultural College, Office of Research and Extension.
- Hernández-Gantes, V. M. (1988). *Soybean: Research and extension on soybean production, processing and utilization* (Editor). Guerrero, México: Guerrero State Agricultural College, Office of Research and Extension.
- Hernández-Gantes, V. M. (1988). *Northern Guerrero agricultural development projects, 1987*, (Editor). Guerrero, México: Guerrero State Agricultural College and Guerrero State Government, Department of Agriculture.
- Hernández-Gantes, V. M. (1983). *Research programs and trends in schools of agriculture across the nation*. Guerrero, México: Guerrero State Agricultural College.
- Hernández-Gantes, V. M. (1982). *Research and extension programs: What have we learned from the 1975-1981 experience?* Guerrero, México: Guerrero State Agricultural College.
- Hernández-Gantes, V. M., & Banafunzi, N. M. S. (1981). *Catalog for data collection in field experiments with corn*. Guerrero, México: Guerrero State Agricultural College, Office of Research and Extension.
- Hernández-Gantes, V. M. (1981). Methodology for multi-purpose production of soybeans in the tropics. *Soyanoticias, 1981 Issue*. Guerrero, México: Guerrero State Agricultural College.

Technical Reports

- Hernandez, V. M. (2005). *A study of impact on program completers: Integrating strategies and technology in educational practice (InSTEP)*. Prepared for the Center for Educational Technologies, Wheeling Jesuit University (May).
- Hernandez, V. M., McGee, S., Reese, D., Kirby, J., & Martin, J. (2004). *A program in the making: Year 1 Annual Report*. NASA Explorer Schools, Evaluation Brief 3 (NES/EB3/7-2004). Wheeling, WV: Classroom of the Future.

- Hernandez, V., McGee, S., Kirby, J., Reese, D., & Martin, J. (2004). *A program in the making: Evidence from summer 2003 workshops*. NASA Explorer Schools, Evaluation Brief 2 (NES/EB2/2-2004). Wheeling, WV: Classroom of the Future.
- McGee, S., Hernandez, V., & Kirby, J. (2003). *Evaluating the quality and impact of the NASA Explorer Schools program*. NASA Explorer Schools, Evaluation Brief 1 (NES/EB1/7-2003). Wheeling, WV: Classroom of the Future.
- Hernández-Gantes, V. M., McGee, S., Reese, D. & Kirby, J. (2004). *2003 Annual report of activities*. Wheeling, WV: Center for Educational Technologies, Wheeling Jesuit University.
- Hernández-Gantes, V. M., McGee, S., & Kirby, J. (2003). *Competency assessment in distance education (CADE): Evaluation Report 2001-2003. Technical Report, October 2003*. Wheeling, WV: Center for Educational Technologies, Wheeling Jesuit University.
- Hernández-Gantes, V. M. (2003). *JesuitNET online design workshop: Spring 2003 Evaluation Report*. Wheeling, WV: Center for Educational Technologies, Wheeling Jesuit University.
- Hernández-Gantes, V. M. (2003). *JesuitNET faculty workshop for designing distance learning courses. Fall 2002 Evaluation Report*. Wheeling, WV: Center for Educational Technologies, Wheeling Jesuit University.
- Hernández-Gantes, V. M., McGee, S., & Kirby, J. (2003). *2002 Annual report of activities*. Wheeling, WV: Center for Educational Technologies, Wheeling Jesuit University.
- Hernández-Gantes, V. M. (1999). *TeachNET: A professional development network for contextual teaching and learning. Annual Report*. Madison, WI: University of Wisconsin-Madison.
- Hernández-Gantes, V. M. (1998). *Integrating mathematics and education-and-work: A national network for improving teaching, curriculum, and learning. Final Report*. Madison, WI: Center on Education, University of Wisconsin-Madison.
- Brendefur, J., Hernández-Gantes, V. M., & Webb, N. (1998). *MathNet evaluation report. Integrating mathematics and education-and-work*. Madison, WI: University of Wisconsin-Madison.
- Hernández-Gantes, V. M., Nieri, A. (1994). *Evaluation of housing opportunities around the Beaver Dam area: Survey data from summer of 1994. Final Report*. Madison, WI: United Migrant Opportunities Services, Inc.

Presentations and Workshops

Refereed National/International Conferences

- Cox, D., Hernandez-Gantes, V.M., & Fletcher, E. (2014). *Predictors of career academy enrollment in a local school district*. Paper to be presented at the Annual Meeting of the Association for Educational Research (AERA), Philadelphia, PA.
- Lasonen, J., Hernandez-Gantes, V.M., Teras, M., & Malloch, M. (2014). *Some theoretical basis for research on education and training (VET) and career and technical education (CTE)*. Round

table to be conducted at the Annual Meeting of the Association for Educational Research (AERA), Philadelphia, PA.

- Cox, D., Hernandez-Gantes, V.M., & Fletcher, E. (2013). *Who participates in high school career academies? A descriptive analysis of six-year enrollment trends in a local district*. Paper to be presented at the Annual Conference of the Association for Career and Technical Education Research (ACTER), Las Vegas, NV.
- Pierce, K.B., & Hernandez-Gantes, V.M. (2013). *Do mathematics and reading competencies integrated into career and technical education courses improve high school student state assessment scores?* Paper to be presented at the Annual Conference of the Association for Career and Technical Education Research (ACTER), Las Vegas, NV.
- Fletcher, E., Hernandez-Gantes, V.M., McCaskey, S., Hagler, B., & Asunda, P. (2013). *Crafting publishable manuscripts for the Journal of Career and Technical Education*. Symposium to be conducted at the Annual Conference of the Association for Career and Technical Education Research (ACTER), Las Vegas, NV.
- Hernandez-Gantes, V.M. (2013). *Evolution and change: Career and technical education in the United States. Talcahuano, Chile. October 30, 2013. Presentation conducted at the First International Seminar: Structural Plan for Technical and Professional Education 2+1, Talcahuano, Chile, October 29-30.*
- Fletcher, E.C., Lasonen, J., & Hernández-Gantes, V. M. (2012). *An exploration of master's students conceptions of the field of career and technical education*. Paper presented at the Annual Conference of the Association for Career and Technical Education Research (ACTER), Atlanta, GA.
- Fletcher, E.C., & Hernández-Gantes, V. M. (2011). *The status of career and technical education masters programs in the United States*. Paper presented Annual Research and Professional Development Conference of the Association for Career and Technical Education Research (ACTER), November 15-17, St. Louis, MO.
- Reese, D. D., Wood, C. A., Hitt, B., Harrison, A., McFarland, L., Seward, R. J., & Hernandez-Gantes, V. (2011). *CyGaMEs Selene: A Lunar Construction GaME*. Poster session presented at the Gordon Research Conference on Visualization in Science Education, Smithfield, RI.
- Reese, D. D., Wood, C. A., Hitt, B., Harrison, A., McFarland, L., Seward, R. J., & Hernandez-Gantes, V. (2010). *CyGaMEs Selene: A Lunar Construction GaME*. Finalist showcase presented at the SIGGRAPH 2010 Disney Research Learning Challenge, Los Angeles.
- Reeves, K., & Blank, W., Hernandez-Gantes, V.M., & Dickerson, M. (2010). *Using constructivist teaching strategies in probability and statistics*. Paper presented at the Annual Meeting of the American Society for Engineering Education, Louisville, KY.
- Hernandez-Gantes, V.M., & Cox, D. (2010). *The German system of career and workforce education: What can we learn from it?* Presentation conducted at the 44th Conference of the Florida Association for Career and Technical Education, Clearwater, FL., August 2-5.

- Hernandez-Gantes, V.M., Bowles-Pierce, K., & Cox, D. (2010). *Planning and implementation considerations for designing and developing career academies*. Presentation conducted at the 44th Conference of the Florida Association for Career and Technical Education, Clearwater, FL., August 2-5.
- Hernandez-Gantes, V.M., Leslie, T., & Smith, C. (2010). *Can CTE be taught online? Perspectives from a virtual school model and district strategies*. Presentation conducted at the 44th Conference of the Florida Association for Career and Technical Education, Clearwater, FL., August 2-5.
- Lasonen, J., & Hernandez-Gantes, V. (2009). *A comparison of technical education enrollment patterns in Europe and the United States*. Annual meeting of the Association of Career and Technical Education Research, Nashville.
- Hernandez-Gantes, V. M. (2007). *MyWorkSpace: An electronic platform for online sharing, discussion, and collaboration*. Presentation conducted at the 2007 USF Symposium on 21st Century Teaching Technologies. Tampa, FL: University of South Florida, Marshall Center, February 28.
- Hernandez, Victor M. & Blank, W. (2007). *Top 10 Lessons Learned Delivering Online Graduate Education in Career and Workforce Education at USF*. Presented at the annual conference of the Florida Association of Career and Technical Education, Jacksonville, July 30-August 2.
- Hernandez, Victor M., & Blank, W. (2007). *Delivering Graduate Degree Programs Online: Some Things We Have Learned*. Presented at the Annual Fluency in Distance Learning Conference, Clearwater, FL., May 3-4.
- Hernandez, V.M. (2006). *Integrating wiki pages in online course development and delivery*. Presentation conducted at the 2006 Symposium on 21st Teaching Technologies, University of South Florida, March 8.
- Hernandez-Gantes, V.M., Friedmeyer, K., Morris-Henry, L., & Smith, C. (2006). *OVAE's 5-step improvement process: Teachers' experiences and perspectives*. Presentation conducted at the 40th Annual Conference of the Florida Association for Career and Technical Education, Orlando, FL., July 11-13.
- Hernandez, V. (2003, June). *Recent development in learning theory*. Invited presentation conducted at the Institute for Teaching and Learning of the Appalachian College Association, Montreat, NC.
- Reese, D., Hernandez, V. M., & McGee, S., Kirby, J., & Martin, J. (2005, April). *Garet et al. revisited: Evaluating NASA Explorer Schools through latent variables of effective professional development*. Paper presented at the Annual meeting of the American Educational Research Association, Montreal.
- Hernandez, V. M., McGee, S., & Kirby, J. (2004, April). *Evaluating the quality of online professional development activities for college faculty*. Paper presented at the Annual meeting of the American Educational Research Association, San Diego.

- Hernández, V. M., Sole, D., & Talley, R. (2001). *New designs for the 21st Century: Career and technical education at the secondary and postsecondary levels*. Discussion panel led by Copa, G. & Wolf, S. J. of Oregon State University at the Annual Meeting of the Association for Career and Technical Education (ACTE), New Orleans, LA, December 15.
- Hernández-Gantes, V. M. (1999, December). *What lies ahead for AVERA?* Annual meeting of the Association for Career and Technical Education held in Orlando, FL.
- Hernández-Gantes, V. M. (1999, February). *Integrating mathematics in occupational contexts*. Roundtable presentation conducted at the Careers Conference: Making your future work, Madison, WI.
- Hernández-Gantes, V. M. (1999, February). *Do it: Working with Latino high school students*. Roundtable presentation conducted at the Careers Conference: Making your future work, Madison, WI.
- Phelps, L. A., Hernández-Gantes, V. M., Maidl-Pribbenow, C., & Sargent, T. (1999, April). *Advancing reform from the outside: Teacher learning in settings beyond school*. Annual meeting of the American Educational Research Association, Montreal, Canada.
- Hernández-Gantes, V. M. (1998, April). *Integrating the NCTM Standards in occupation contexts: Is there anybody there yet?* Paper presented at the Annual meeting of the American Educational Research Association, San Diego.
- Hernández-Gantes, V. M. (1997, December). *Linking the NCTM Standards and career curricula: Is there anybody there yet?* Paper presented at the annual meeting of the American Vocational Association, Las Vegas.
- Hernández-Gantes, V. M. (1997, December). *Linking the NCTM Standards and career curricula: Is your school ready?* Roundtable conducted at the Annual meeting of the American Vocational Association, Las Vegas.
- Hernández-Gantes, V. M. (1997, August). *The business incubation concept: Global possibilities for vocational technical education*. Paper presented at the Annual Meeting of the International Vocational Education and Training Association (IVETA), Helsinki, Finland.
- Hernández-Gantes, V. M., & Burrill, J. (1997, June). *Developing standards-based mathematics in occupational contexts*. Fifth National Integration of Academic and Vocational Education Conference, Beaver Creek, CO.
- Hernández-Gantes, V. M., & Brendefur, J. (1997, March). *Producing authentic, standards-based, integrated mathematics and vocational education curriculum*. Annual meeting of the American Educational Research Association, Chicago.
- Hernández-Gantes, V. M. (1997, February). *Linking school-to-work and the NCTM standards*. Second Annual International Conference on Academic/Vocational Curriculum Integration, New Orleans, LA.
- Hernández-Gantes, V. M. (1996, December). *Integrating mathematics in education-for-work: A national*

- network for improving teaching, curriculum, and learning*. Annual meeting of the American Vocational Association, Cincinnati, OH.
- Hernández-Gantes, V. M. (1996, December). *Fostering economic development through partnerships with business incubators: A challenging role for postsecondary education*. Annual meeting of the International Vocational Education and Training Association, Cincinnati, OH.
- Hernández-Gantes, V. M., & Nieri, L. (1996, December). *Impact of school-to-work programs on career aspirations: A qualitative analysis of gender perspectives*. Annual meeting of the American Vocational Education Research Association, Cincinnati, OH.
- Hernández-Gantes, V. M., & Sanchez, D. (1996, December). *Producing authentic knowledge in career-oriented programs: A qualitative analysis of students' perspectives*. Annual meeting of the American Vocational Education Research Association, Cincinnati, OH.
- Hernández, V. M., & Ellibee, M. (1996, November). *Grounding mathematics in an occupations context: A challenge for developing integrated curricula*. 13th Work Now and in the Future (WNF 13) Conference, Portland, OR.
- Hernández-Gantes, V. M., Brendefeur, J., & Berman, P. (1996, June). *Grounding mathematics in occupational contexts: A challenge for developing integrated curricula*. Fourth National Integration of Academic and Vocational Education Conference, Beaver Creek, CO.
- Hernández-Gantes, V. M., & Nieri, L. (1996, April). *Developing career and academic aspirations in school-to-work programs: A qualitative study of gender perspectives*. Annual meeting of the American Educational Research Association, New York, NY.
- Hernández-Gantes, V. M., & Sanchez, D. (1996, April). *Producing knowledge in career-oriented programs: Students' on schooling experiences*. Annual meeting of the American Educational Research Association, New York, NY, April 8-12.
- Hernández-Gantes, V. M. (1995, December). *The impact of career-oriented programs on postsecondary aspirations: A qualitative study of students' perspectives*. Annual Meeting of the American Vocational Education Research Association, Denver, CO.
- Hernández-Gantes, V. M. (1995, October). *Is there life after high school? Perspectives from vocational education*. Career Development and Transition International Conference, Raleigh, NC.
- Hernández-Gantes, V. M., & Phelps, L. A. (1995, July). *Developing career and academic aspirations: Opening new and different doors for students in school-to-work programs*. National Leadership Forum on School-to-Work, Boston, MA.
- Hernández-Gantes, V. M. (1995, June). *Perspectives on fostering entrepreneurship in business incubation: Managers vs clients*. Annual Meeting of the National Business Incubation Assoc., Scottsdale, AZ.
- Hernández-Gantes, V. M. (1995, April). *Voices of diversity in emerging vocationalism: Students' perspectives on school climate*. Annual Meeting of the American Educational Research Association, San Francisco, CA.

Hernández-Gantes, V. M. (1995, April). *What influences eighth grade Hispanic students' academic achievement? A structural equations analysis*. Annual Meeting of the American Educational Research Association, San Francisco, CA.

Hernández-Gantes, V. M. (1995, April). *Fostering entrepreneurship for school-to-business transition: A challenging role for postsecondary education*. Annual Meeting of the American Educational Research Association, San Francisco, CA.

Hernández-Gantes, V. M. (1994, December). *Speaking about the school climate in emerging vocationalism: Voices of diversity within the schools*. Annual Meeting of the American Vocational Education Research Association, Dallas, TX.

Singh, K., & Hernández-Gantes, V. M. (1994, April). *The effect of English language proficiency on educational aspirations of Mexican-American eighth graders: Structural analysis of NELS:88*. Annual Meeting of the American Educational Research Association, New Orleans, LA.

Hernández-Gantes, V.M. (1989). *Concerns of international students as they approach dissertation research studies*. Fifth Annual Conference of the Association for International Agriculture and Extension Education (AIEE), Chevy Chase, Maryland.

Hernández-Gantes, V.M. (1989). *Women and agriculture: Differences and commonalties in two contrasting countries, Mexico and The Gambia*. Fourth International Conference on Women in Development. Association for Women in Development, Washington, D.C.

Hernández-Gantes, V.M. (1985). *Training women to be agriculturalists*. Second International Conference on Women in Development. Association for Women in Development (AWID), Washington, D.C.

Other Regional, National, International Presentations

Hernandez-Gantes, V.M. (2013). *Evolution of career and technical education in the United States*. First International Seminar: Structural Plan for Technical and Professional Education 2+1, Talcahuano, Chile, October 29-30.

Hernandez-Gantes, V.M., Dellow, D., & James, W. (2013). *Sudy abroad benefits, experiences and opportunities*. Annual Retreat of the Adult, Career and Higher Education Department, Tampa, FL.

Eison, J., Hernández-Gantes, V. M., & James, W. (2011). *Choosing the right program: What applicants and prospective students need to know?* 2011 Doctoral Orientation and Retreat, Adult, Career and Higher Education Department, Tampa, FL.

James, W., Hernández-Gantes, V. M., & Dellow, D. (2011). *Qualifying exams: How to study, what you need to know, and what to expect*. 2011 Doctoral Orientation and Retreat, Adult, Career and Higher Education Department, Tampa, FL.

Hernandez-Gantes, V.M., & Reeves, K. (2010). *Comparing traditional and constructivist approaches to teaching and learning*. Innovative Teaching and Learning Workshops, Center for 21st Century Teaching Excellence (October 15th). University of South Florida, Tampa, FL.

- Eison, J., Hernández-Gantes, V. M., & James, W. (2010). *Choosing the right program: What applicants and prospective students need to know?* 2010 Doctoral Orientation and Retreat, Adult, Career and Higher Education Department, Tampa, FL.
- James, W., & Hernández-Gantes, V. M. (2010). *Qualifying exams: How to study and what you need to know and expect.* 2010 Doctoral Orientation and Retreat, Adult, Career and Higher Education Department, Tampa, FL.
- Lasonen, J., & Hernández-Gantes, V. M. (2010). Perspectives on education and training systems in Europe and in the United States. 2010 Doctoral Orientation and Retreat, Adult, Career and Higher Education Department, Tampa, FL.
- Blank, W., & Hernandez-Gantes, V. M. (2009). *Preparing students for the 21st Century's local and global economies.* Presented at the Collaborative Program of the Pinellas County School District, the Pinellas Education Foundation and the USF Gus A. Stavros Center for Free Enterprise and Economic Education, Largo, FL., January 27.
- Hernandez, Victor M. & Blank, W. (2008). Teaching English language learners across the curriculum: Career and technical education. Poster presentation conducted at the USF Research Week, November 6.
- Hernandez, Victor M. & Blank, W. (2008). *Moving ahead: Professional advancement in career and workforce education at USF.* Presented at the annual conference of the Florida Association of Career and Technical Education, Ponte Vedra Beach, July 22-25.
- Hernandez-Gantes, V. M. (2007). *CWE@USF: Chronicle of a journey from average to great?* Presentation conducted at the College of Education Development Board meeting as part of the "Educator of the Month" feature. Tampa, FL: University of South Florida, March 13.
- Hernandez-Gantes, V.M. (2006). *Graduate studies in career and workforce education at USF.* Presentation conducted at the 40th Annual Conference of the Florida Association for Career and Technical Education, Orlando, FL., July 11-13.
- Biance, M., & Hernandez-Gantes, V. M. (2001). *Using portfolios to track student progress across educational spheres.* 11th Annual AIR/FSU Winter Colloquium, Tallahassee, FL, January 25-26.
- Hernández-Gantes, V. M. (1998, October). *TeachNET: A professional development network for contextual teaching and learning.* Presentation conducted at the OVAE/STW Teacher Development Contractor's Meeting. Washington, DC.
- Hernández-Gantes, V. M. (1998, February). *Helping Latino high school students develop career plans.* Roundtable presentation conducted at the Careers Conference, Madison, WI.
- Hernández-Gantes, V. M. (1997, December). *Integration II Projects: Report of MathNet project results.* Annual meeting of the American Vocational Association, Las Vegas.

- Hernández-Gantes, V. M. (1997, August). *The evolution of emerging vocationalism in the United States*. Presentation conducted at the International Research Seminar on vocational education models, Research Institute, Jyväskylä University. Jyväskylä, Finland.
- Hernández-Gantes, V. M., & Sorensen, R. (1997, April). *Building international cooperation in workforce education*. Roundtable conducted at the Second Annual Workplace Conference in Workplace Learning, Milwaukee, WI.
- Hernández-Gantes, V. M., Burrill, J., & Brendefur, J. (1997, April). *Practical considerations for integrating mathematics and school-to-work curricula*. Presentation conducted at the School-to-Work Peer Network Workshop, Madison, WI.
- Hernández-Gantes, V. M., & Nieri, A. (1994, October). *Fostering economic development: Opportunities and challenges in postsecondary education*. Great Lakes Leadership Conference, Milwaukee, WI.
- Hernández-Gantes, V. M., Nieri, A. (1994, October). *Strengthening entrepreneurship in communities: An emerging role in postsecondary education*. Great Lakes Leadership Conference, Milwaukee, WI.
- Hernández-Gantes, V. M., Jones, J., & Holub, T. (1994, October). *School climate and students' aspirations in emerging vocationalism*. Great Lakes Leadership Conference, Milwaukee, WI.
- Faulkner, S., & Hernández-Gantes, V. M. (1992). *Research-based leadership development resources: Creation and use*. Commonwealth Outstanding Dissertation and Faculty Research Conference, Virginia Tech College of Education, Blacksburg, VA.
- Hernández-Gantes, V. M. (1981). *Strategies to develop sound research and extension programs in food production*. First State Conference on Food Production. Chilpancingo, Gro., México: Guerrero State Government, Finance and Budget Department.

Workshops

- Hernández, V. M. (2001). *Aligning administrative educational structures*. University of Torcuato di Tella, Buenos Aires, Argentina. (November 2001). Eight-hour workshop designed and conducted in Spanish for graduate students in educational administration.
- Hernández-Gantes, V. M., Burrill, J. (1998, February). *Integrating mathematics and education-for-work*. Workshop conducted at the Career Conference, Madison, WI.
- Hernández-Gantes, V. M. (1997, August). *MathNet summer institute*. Directed Second Summer Institute as part of MathNet training program for eight interdisciplinary instructor teams. University of Wisconsin, Madison, WI.
- Hernández-Gantes, V. M., Burrill, J., & Brendefur, J. (1997, August). *Integrating mathematics and education-for-work: A workshop on planning and designing integrated, NCTM standards-based curriculum*. Workshop conducted as part of the Summer Staff Development Workshops offered by the Center on Education and Work. Madison, WI.

Undergraduate/Graduate Student Advising/Supervision

Dissertations

University of South Florida, Department of Adult, Career, and Higher Education (2004 to present).

Presently serving on dissertation committees of students in career and workforce education, higher education, adult education, and educational leadership. Has served as Chair/Co-Chair of doctoral committees with dissertations defended as noted below:

Cox, D. (2013). Predictors of student enrollment patterns in high school career academies. Doctoral Dissertation, University of South Florida. (Co-director with Edward Fletcher).

Pierce, K.B. (2013). Do mathematics and reading competencies integrated into career and technical education courses improve high school student state assessment scores? Doctoral Dissertation, University of South Florida.

Underwood, W. (2013). Examination of the relationship of community college Opticianry student outcomes with instructional delivery methods and student age. Doctoral Dissertation, University of South Florida.

Culpepper, D.W. (2008). *Determining the quality and impact of an e-mentoring model on at-risk-youth*. Doctoral Dissertation, University of South Florida. (Co-director with William Blank)

Florida State University, Department of Educational Leadership and Policy Studies. (1999-2002). Served on 16 dissertation committees including two as co-chair: five in vocational education, six in higher education, two in educational leadership, and three outside the department.

University of Wisconsin-Madison, Department of Educational Leadership and Policy Analysis. Served as Co-Chair of five doctoral committees with dissertations defended as noted below:

Ellibee, M. A. (1995, May). *Grounded theory of essential attributes of quality education for work curriculum*. Doctoral Dissertation, University of Wisconsin-Madison. (Co-director with Allen Phelps)

Holub, M. T. (1995, May). *Self-determination for youth with mild disabilities: The development of a grounded theory*. Doctoral Dissertation, University of Wisconsin-Madison. (Co-director with Allen Phelps)

Jones, J. D. (1996, December). *Technology education in higher education and postsecondary education: An analysis of its impact on baccalaureate completion*. Doctoral Dissertation, University of Wisconsin-Madison. (Co-director with Allen Phelps)

Prindiville, B. (1995, December). *Understanding post-secondary educational aspirations: Analysis of NELS:88 second follow-up data*. Doctoral Dissertation, University of Wisconsin-Madison. (Co-director with Allen Phelps)

Sanchez, D. (1996, August). *Understanding the skills gap: A descriptive approach for capturing the integration of firm, industry, and job-level variation in skill requirements (job skills, insurance, entry-level)*. Doctoral Dissertation, University of Wisconsin-Madison. (Co-director with Allen Phelps)

Supervision of Master's Degree Students

Florida State University (1999-2002). Served as Chair of the Supervisory Committee for 16 master's degree students enrolled in the educational leadership program.

Senior Theses

Galeana, J. (1988). *Nitrogen fertilization rate effects on the yield of the corn variety Compost-2*. Bachelor's thesis. Guerrero, México: Guerrero State Agricultural College. (Director)

González, F. (1988). *Effects of planting patterns on corn yield*. Bachelor's thesis. Guerrero, México: Guerrero State Agricultural College. (Director)

Martínez, R. (1988). *Evaluation of genotypes and plant population densities in corn-soybean association production systems*. Bachelor's thesis. Guerrero, México: Guerrero State Agricultural College. (Director)

Reyes, A. (1988). *Corn production in the humid tropics: Evaluation of 15 production systems*. Bachelor's thesis. Guerrero, México: Guerrero State Agricultural College. (Director)

Pineda-Sánchez, A. E. (1986). *Weed control in soybean production: Effects of application rates*. Bachelor's thesis. Guerrero, México: Guerrero State Agricultural College. (Director)

Hernández-Gantes, V. M. (1981). *Yield evaluation of Opaque-2 and normal varieties of maize under different plant population densities*. Bachelor's thesis. Guerrero, México: Guerrero State Agricultural College.

Grants and Contracts

Awarded

Hernandez-Gantes, V.M. (2010). *Group study visit to the University of Bremen, Germany: A comparative of workforce education systems strategy*. Submitted to the German Academic Exchange Service requesting 3,600 Euros to support travel related expenses.

C-STEP: Computer Science Transfer Program. (2010). Contract awarded to serve as external evaluator of this project funded by NSF's Broader Participation in Computing (BPC) and led by Dr. Miguel Labrador, Department of Computer Science and Engineering at USF.

Blank, W., & Hernandez-Gantes, V.M. (2009). *MA in CTE course conversion and refinement*. Grant proposal submitted to the Innovative Learner-Centered Grant program (IL-CG) of the Center for 21st Century Teaching Excellence at USF. Awarded (\$10,000).

Hernandez-Gantes, V.M. (2009). *Integrating international perspectives and experiences for doctoral students in adult, career and higher education*. Grant proposal submitted to the Innovative

- Learner-Centered Grant program (IL-CG) of the Center for 21st Century Teaching Excellence at USF. Awarded (\$4,000).
- Reese, D.D. (2008). *CyGaMEs: Cyberlearning through Game-based, Metaphor Enhanced Learning Objects*. Proposal submitted to the NSF program on Research and Evaluation on Education in Science and Engineering (REESE). Contributed to the development of the evaluation component. Awarded and received contract to serve as external evaluator.
- Hernandez-Gantes, V.M. (2008). *Pinellas Education Foundation's Fellowship*. Proposal submitted to the Pinellas Education Foundation seeking the creation of a fund in support of a doctoral student fellowship in career and workforce Education. Awarded.
- Reeves, K., Hernandez-Gantes, V.H., & Blank, W. (2007). *Using constructivist teaching strategies in engineering education: Gauging the impact on student learning and retention*. A 2-year grant funded by the National Science Foundation, Engineering Education Program. Awarded (\$412,000).
- Hernandez-Gantes, V.H. (2007). *Ph.D. in career and workforce education: Supporting online course development and delivery*. A design and development project funded by the Center for 21st Century Teaching Excellence and USF Outreach Office. Tampa, FL: University of South Florida. Awarded (\$112,500).
- Hernandez-Gantes, V. M. (2006). *Enacting the career academy concept in high school: What makes it work?* A \$5,000 grant submitted to the COEDU Mini-Grant Program. Awarded May 30th.
- Hernandez-Gantes, V. M. (2006). *Creating "issue" podcasts for instructional purposes*. A proposal seeking participation in the COEDU-iTunes Incentive Program. Awarded in October 24th.
- Hernandez-Gantes, V. M. (2006). *MyWorkSpace: An electronic portal for online sharing, discussion, and collaboration*. A \$2,000 grant submitted to the Center for 21st Century Teaching Excellence's Innovative Teaching Opportunities program (iTOPP). Awarded March May 31st.
- Hernandez-Gantes, V. M. (2006). *Facilitating online design and delivery of career and technical education coursework using wiki technology: Initial stage*. A \$4,000 grant submitted to the Center for 21st Century Teaching Excellence's Innovative Teaching Grants (ITG) program. Awarded March 6.
- Hernandez-Gantes, V. M. (2006). Proposal seeking \$2,000 in recruitment funds submitted to the USF Graduate School through the College of Education. Awarded in October 23.
- Hernandez, V. M., & Watson, D. (2003). NASA Careers Information System. An initial grant of \$450,000 to conduct preliminary research and development work. Funded by NASA's Classroom

of the Future and NASA Explorer Schools Program.

Hernández-Gantes, V. M. (2002). In search of high quality student outcomes: A longitudinal study of two contrasting high school models. An \$8,000 grant awarded by the Committee on Faculty Research Support (COFRS) and the Council on Research and Creativity (CRC) at Florida State University.

Hernández-Gantes, V. M. (2000). *Rethinking workforce development*. A \$1,000 writing grant awarded by the Florida State University, College of Education, to produce a white paper.

Hernández-Gantes, V. M. (1999). *TeachNET: A professional development network for contextual teaching and learning*. An 18-month extension contract (\$800,000) awarded by the U.S. Department of Education, Preservice, Inservice Professional Development, & Recruitment.

Bottge, B. A., & Hernández-Gantes, V. M. (1999). *Uncovering and enhancing mathematics know-how of students with disabilities*. A 5-year grant (\$540,000) awarded by the U. S. Department of Education, Office of Special Ed. and Rehabilitation Services, OSEP Directed Research Projects.

Phelps, L. A., & Hernández-Gantes, V. M. (1998). *The Wisconsin youth apprenticeship program: Conducting action research to document and disseminate inclusion and support strategies*. A 3-year grant (600,000) awarded by the U. S. Department of Education, Office of Special Education and Rehabilitation Services, OSEP Directed Research Projects.

Phelps, L. A., & Hernández-Gantes, V. M. (1998). *TeachNET: A professional development network for contextual teaching and learning*. An 18-month contract (\$1,200,000) awarded by the U.S. Department of Ed., Teacher Development—Models of Excellence.

Phelps, L. A., & Hernández-Gantes, V. M. (1996). *Integrating mathematics and education-for-work: A national network for improving teaching, curriculum and learning*. Two-year grant (\$600,000) awarded by the U.S. Department of Education, National Demonstration Projects for the Integration of Vocational and Academic Learning Programs.

Phelps, L. A., Hernández-Gantes, V. M. (1994). *Voices of diversity in emerging vocationalism: The students of vocational education, 1993-1997*. Two-year continuation grant (\$250,000) awarded by the National Center for Research in Vocational Education, University of California-Berkeley.

Hernández-Gantes, V. M. (1994). *Linking the N.C.T.M. standards to emerging vocationalism*. Two-year grant (\$230,000) awarded by the National Center for Research in Vocational Education.

Sorensen, R., & Hernández, V. M. (1993). *Strengthening entrepreneurial skills of women and minorities: An emerging role in postsecondary education*. One-year grant (\$115,000) awarded by the National Center for Research in Vocational Education, University of California-Berkeley.

Hernández-Gantes, V. M. (1989). *Women and agriculture: Gender roles in Gambian agriculture*. Virginia Tech Graduate Student Association Research Grant, Virginia Tech, Blacksburg, VA.

Submitted

Labrador, M. & Hernandez-Gantes, V.M. (2012). Design, implementation, and evaluation of a professional development framework and integrated curriculum in computer science. Grant

- proposal submitted to the NSF-Computing Education for the 21st Century Program (CE21).
- Labrador, M. & Hernandez-Gantes, V.M. (2011). Design and evaluation of an integrated computing curriculum and professional development framework: A design-based research study. Grant proposal submitted to the NSF's Computing Education for the 21st Century program (CE21).
- Reeves, K., & Hernandez-Gantes, V.M. (2011). Using constructivism and learning connections inventory assessments to impact student motivation and personal learning strategies in engineering education. Grant proposal submitted to the Institute of Education Sciences (IES) Research Grants program.
- Reeves, K., & Hernandez-Gantes, V.M. (2010). Preparing Medical Device Industry Technicians in a Regional Workforce Development System. Grant proposal submitted to the NSF's Advanced Technological Education (ATE) program.
- Labrador, M. & Hernandez-Gantes, V.M. (2010). Hi-CSTEP: High School Computer Science Transfer Education Program. Grant proposal submitted to the NSF's Broadening Participation in Computing (BPC) program.
- Hernandez-Gantes, V.M. & Blank, W. (2010). The Wachovia Economic Self-Sufficiency Initiative. Grant proposal submitted to the Wachovia Bank's initiative on workforce development.
- Hernandez, V. M. & Reeves, K. (2009). Preparing technicians for the medical device industry in a regional workforce education system. Grant proposal submitted to the National Science Foundation (NSF) to fund a 3-year project at the University of South Florida. Potential Amount: \$1,200,000.
- Hernandez, V. M. & Reeve, K. (2009). Interdisciplinary research on education and training in the medical device industry. Proposal submitted to the USF's Interdisciplinary Research Development Grant worth \$50,000.
- M. & Reeves, K., & Hernandez-Gantes, V.M. (2009). A social network analysis of the adoption of the career academy model and model fidelity in Florida. Grant proposal submitted to the William T. Grant Foundation.
- Hernandez-Gantes, V.M. (2008). *Fulbright German studies seminar*. A proposal seeking funding for participation in a seminar on current German society and culture to be held in Berlin in summer 2009. Awarded by the American commission, declined by European commission.
- Hernandez-Gantes, V.M., & Blank, W. (2008). The Wachovia Occupational Information System (WOIS): A tool for community and workforce development. Grant proposal submitted to the Wachovia Banks's Economic Self-Sufficiency Initiative.
- Hernandez-Gantes, V. M. (2006). *Gauging the impact of participation in high school career academies: A study of the Africa-American student experience and performance*. A grant proposal submitted to the USF Institute on Black Life's Faculty Research Grant program.
- Hernandez, V. M. & Blank, W. (2004). Helping higher education faculty improve student engagement: A contextual and applied course design (CACD) model. Grant proposal submitted to the Fund for

Improvement of Postsecondary Education (FIPSE) to fund a 3-year project at the University of South Florida. Potential Amount: \$700,000.

Sterry, L., Muga, D., Hernández, V., & Starkweather, K. (2003). A study of a distance learning model for STEM professional development. Grant proposal submitted to the National Science Foundation to fund a 4-year project involving the International Educational Technology Association, Valley City State University, and NASA's Classroom of the Future. Potential Amount: \$2.9 million.

Hernández, V. M., & Caulum, D. (2003). Scientists and engineers at work: Building careers on STEM education. Preliminary grant proposal submitted to the National Science Foundation to fund a 3-year project involving the collaboration of the University of Wisconsin-Madison, and the Center for Educational Technologies. Potential Amount: \$1.7 million.

Service

International/National Service

Co-Editor, Journal of Career and Technical Education (JCTE), 2013-

President, Omicron Tau Theta's Alpha Gamma Chapter at the University of South Florida, 2013-2014. OTT is a national honorary professional graduate society in career and technical education.

Reviewer, Career and Technical Education Research Journal (CTER), 2009-2012.

Reviewer, Vocations and Learning Journal, 2012-2013.

National Advisory Board Member. Invited to serve by National Institute for Work and Learning (Washington, DC) on a National Advisory Board for an NSF research project to study the career pipeline in technology education (2011-2012).

External Reviewer, Oklahoma State University. Upon request from the Tenure and Promotion Chair of the Occupational Studies program, I agreed to serve as external reviewer for Dr. Belinda McCharen who was applying for the rank of Associate Professor with Tenure (2011).

External Reviewer, National Research Center for Career and Technical Education. Conducted an external review of a Center research study entitled, "Rigorous tests of student outcomes in CTE programs of study" (2010).

Reviewer for Outstanding Article Award, Career and Technical Education Research Journal. Reviewed articles published in Volume 32 of the journal as part of the selection of Outstanding Article (2010).

National Review Panel, National Science Foundation. Invited to serve as a reviewer of proposals submitted to the Research and Evaluation on Education in Science and Engineering (REESE) program on January 25-26, 2010.

National Review Panel, National Science Foundation. Reviewed grant proposals submitted to the

Advanced Technology Education (ATE) program (2009).

National Review Panel, National Science Foundation. Reviewed grant proposals submitted to the Research and Evaluation on Education in Science and Engineering (REESE) program, January 29-30, 2009.

National Panel Review, *National Science Foundation, Innovative Technology* Invited to serve on a national review panel for proposals submitted to the Experiences for Teachers and Students (ITEST) program (2009).

National Selection Committee for the Presidential Awards for Excellence in Mathematics and Science Teaching (PAEMST) program. Invited to serve on a national panel to evaluate and select nominee materials. PAEMST is a program administered by NSF on behalf of the White House. The Presidential Awards are the nation's highest honors for teachers of mathematics and science (2009).

Reviewer. Reviewed articles published in Victor C. X. Wang (Ed.), *Assessing and Evaluating Adult Learning in Career and Technical Education*, released in 2010 by IGI-Global (2009).

Panel Reviewer, National Science Foundation. Reviewed grant proposals submitted to the Advanced Technology Education (ATE) program, December 3-5, 2008.

Panel Reviewer, National Science Foundation. Reviewed grant proposals submitted to the Innovative Technology Experiences for Students and Teachers (ITEST), July, 2008.

Reviewer, *Journal of Career and Technical Education (CTER)*, 2005-2007.

Chair of Editorial Board, *Journal of Vocational Education Research (JVER)*, 1999-2002.

Editorial Board Member, *Journal of Vocational Education Research (JVER)*, 1997-2002.

National Design Team. Member of the national advisory group for the project: *TeachNET, A Professional Development Network for Contextual Teaching and Learning.* University of Wisconsin-Madison (1999-2001).

National Design Group. Member of the national advisory group for the New Designs for Career and Technical Education project. Oregon State University (1999-2001).

Treasurer, American Vocational Education Research Association (AVERA), 1999-2000.

Chair of AVERA Future Committee, American Vocational Education Research Association (AVERA), 1999-2000.

President, Guerrero State Agricultural College Alumni Association, 1983-1987.

State/Local Service

State Representative for Higher Education, Florida Association of Career and Technical Education (FACTE). Representative for the Teacher Education Division in Career and Technical Education (2008-2013).

F. Stavros Technical Education Committee, Pinellas Education Foundation. Committee member serving on an advisory role (2008-2013).

Helios Foundation Initiative Advisory Board. Served on district-wide initiative seeking to promote the implementation of innovative career academies with focus on STEM in the Hillsborough County School District (2011-2013).

U.S. Department of State International Visitor Leadership Program and the International Council of the Tampa Bay Region. With Bill Blank hosted a group from Israel and the West Bank and provided an overview of the U.S. system of workforce education (June, 2009).

Rotary International Educator Program and the Greater Temple Terrace Chamber of Commerce. At the request of the COEDU Development Office, hosted a visitor from Denmark and provided an overview of the U.S. system of workforce education (April, 2009).

Florida Council on Economic Education (FCEE). Was requested to serve as state coordinator of career and workforce education to broker related information through the FCEE (2008).

Career Academy Design Committee. Served on the committee for career academy on Information Technology at Wiregrass Ranch High School (2007-2008).

Forensics Judge Served for the 4H/Tropicana Public Speaking Contest. Coordinated by Ms. Equilla M. Porter of R. Fran Nims Middle School, in Tallahassee, FL. (November, 2001).

Presentation. Conducted a presentation on the Mexican revolution of 1910 and the impact on political and economic development of Mexico at the Madison Technical College (MATC) upon request from the Student Affairs Office (November, 1997).

Panel Discussant. Participated on a panel discussion about Cinco de Mayo for the program Focus on Equality of the Equal Opportunities Commission, City of Madison. The program was shown on Channel 12 (May 5-31, 1997).

Multicultural Address. Addressed the City Council regarding the importance of emphasizing multicultural understanding and celebrate Cinco de Mayo in Madison, WI, as per request from Alderman Gonzalez (Summer, 1997).

University-Related Service

University Level

University Search Committee. Served on the University Search Committee for the position of Senior Director of e-learning in the University College.

USF-GTA Awards Committee. Served on the Selection Committee for the Provost's Award for Outstanding Teaching by a Graduate Teaching Assistant, and chaired the final selection committee meeting (USF, 2012).

Innovative Learning-Centered Grants Program. In February, I served on a review panel to evaluate faculty

proposals submitted to the program sponsored by the Center for 21st Century Teaching Excellence (USF, 2010).

Faculty Panel on Research at USF, Office of Research and Innovation. Served on a faculty panel called by Vice President Holbrook to discuss ideas for improving research supports at USF (May, 2009).

Provost's Award for Outstanding Teaching by a Graduate Teaching Assistant. Served on a review panel in March-April to evaluate and select top graduate teaching assistants (USF, 2009).

Faculty Panel on Instructional Supports. Invited to serve on faculty panel called by Provost Wilcox and the Vice President of Student Affairs Jennifer Meningall to discuss strategies for improving instructional supports in the university (USF, December, 2009).

Governor's Summit on Education, Workforce and Economic Development Research Council. Held at Valencia Community College, Orlando. Attended the Governor's Summit on behalf of USF as requested by Provost Ralph Wilcox. January 25th, 2008.

USF-Innovative Teaching Grants Review & Selection Committee. Served as a reviewer of proposals submitted to the annual competition for innovative teaching grants in February, 2008.

Faculty Senate Research Council Focus Group. Served on a panel group of university-wide researchers on the research-related experiences of faculty at USF. The Research Council was interested in exploring the experiences at prior institutions, with a specific focus on how the research-related resources and practices at USF compare to what was available at their previous institutions (USF, 2007).

USF-Innovative Teaching Grants Review & Selection Committee. Served as a reviewer of proposals submitted to the annual competition for innovative teaching grants (USF, 2007).

Committee of Development Librarians/Faculty Representatives. Representative for the College of Education (USF, 2005-2006).

Human Subjects Committee, Wheeling Jesuit University, January-October 2003.

University-wide Academic Staff Assembly, University of Wisconsin-Madison, 1997-1998.

College Level

STEM Education Research Group (SERG). Served on the STEM Research Group in the College of Education, an initiative that brings together a faculty, staff and partners interested in research on teaching and learning in STEM (Science, Technology, Engineering, and Mathematics). (2013-2014).

Annual Outstanding Latino/a Educator (OLÉ) Award Committee. Served on the college committee charged with the task of selecting outstanding undergraduate and graduate students in the college (Committee Member, 2006-2014; Committee Chair, 2010-2011).

Faculty Mentor. Served on the New Faculty Mentoring Program as faculty mentor for Dr. Edward Fletcher, Assistant Professor in Career and Workforce Education (USF, 2010-2014).

Faculty Search, English Education Program. Served as external member on the search committee chaired by Dr. Joan Kaywell (USF, 2011-2012).

Outside Chair for Proposal Defense. (November). Served as Outside Chair for Heather Sadler Jones' dissertation proposal defense entitled, "A multicase analysis of synchronous online collaboration in three secondary virtual courses" (USF, 2012).

Technology Action Group. Served as a member of the group and contributed to activities of the Sub-Committee on Online Learning (USF, 2007-2010).

Outside Chair. Served as Outside Chair for Barry Hubbard's dissertation defense of the study entitled, *Manifestations of Hidden Curriculum in Online Learning Environments: An Ecological Approach*. Mr. Hubbard is a doctoral student in instructional technology (USF, 2010).

Outside Chair. Served as Outside Chair for Aylin Tekiner Tolu's dissertation defense of the study entitled, *An Exploration of Synchronous Communication in an Online Preservice ESOL Course: Community of Inquiry Perspective*. Ms. Tolu is a doctoral student in secondary language acquisition and instructional technology (USF, 2010).

Outside Chair. Served as Outside Chair for Barry Hubbard's defense of dissertation proposal in May. Mr. Hubbard is a doctoral student in instructional technology (USF, 2009).

Outside Chair. Served as Outside Chair for Aylin Tekiner Tolu's dissertation proposal defense in September. Ms. Tolu is a doctoral student in instructional technology (USF, 2009).

Faculty Mentor. Served on the New Faculty Mentoring Program as faculty mentor for Dr. Wendy-Lou Leslie Greenidge, Assistant Professor of Counselor Education at the Lakeland campus (USF, 2007-2008).

Faculty Council. Served on the Council as Secretary (2005-2006) and as Chair of the Elections Committee (2006-2007) (USF, 2005-2007).

Multicultural Teaching Competence Sub-Committee, College of Education Diversity Committee (USF, 2005-2006).

Graduate Policy Council, College of Education (USF, 2005-2006).

Search Committee for Associate Dean of Research, College of Education (USF, 2004-2005).

Dean Search Committee, College of Education (Florida State University, 2000-2001).

Human Subjects Committee, College of Education (University of Wisconsin-Madison, 1993-1999).

Department Level

President, OTT-Alpha Gamma Chapter. Served as President of the local chapter at USF.

Tenure and Rank Promotion Committee, Department of Adult, Career and Higher Education (Committee Member, 2007-2013; Committee Chair, 2010).

Annual Review Committee, Department of Adult, Career and Higher Education (Committee Member in 2004-2006, 2009-2010, 2012-2014; Committee Chair, 2010, 2013).

ACHE Doctoral Retreat, Department of Adult, Career and Higher Education. Contributed to the retreat

with presentations about doctoral programs in the department, preparing for qualifying examination, international education and training trends, seeking external funding, and research methods (USF, 2007, 2009-2011).

Chair, Faculty Search Committee for position #4079. Chaired the Search Committee for an Assistant/Associate Professor position in Career and Workforce Education successfully completed in 2010 (USF, 2009-2010).

Chair, Faculty Search Committee for position #0199. Chaired the Search Committee for the Associate/Full Professor position in Career and Workforce Education successfully completed in 2010 (USF, 2009-2010).

Guest Speaker. Contributed as a guest speaker in Dr. Don Dellow's Curriculum in Higher Education class on March 4th. The focus of the contribution was on the design, development, and implementation issues involved in the planning of an on-line program (USF, 2009).

Informal Mentoring Activities. Provided mentorship support to Ruth Slotnick, doctoral student in Higher Education, related to her application for a Fulbright scholarship to conduct research in Israel (USF, 2008).

Adult Education Faculty Search Committee. Served as a member of the search committee successfully completed in 2007 (USF, 2006-2007).

Faculty Search Committee, Department of Ed. Administration and Policy Studies. Served as a member of a search committee successfully completed in 2002 (Florida State University, 2001-2002).

Admissions Committee, Department of Ed. Administration and Policy Studies (Florida State University, 2000-2002).

Merit Pay Committee, Department of Ed. Administration and Policy Studies (Florida State University, 2000-2002).

Curriculum Committee, Department of Ed. Administration and Policy Studies (Florida State University, 2000-2001).