

Manuel A. Pérez Quiñones, D.Sc.

Department of Software and Information Systems
College of Computing and Informatics
University of North Carolina at Charlotte
Charlotte, NC 28233
Phone: (704) 687-8553
Email: mperez19@uncc.edu
Web: <http://webpages.uncc.edu/mperez19/>

Education

D.Sc., The George Washington University, Washington, DC. May 1996

- Major: Computer Science, Software and systems
- Minor: Artificial Intelligence, Psychology
- Doctoral Dissertation: *Conversational Collaboration in User-Initiated Interruption and Cancellation Requests*
- Advisor: Dr. John Lee Sibert
- Committee: Dr. Michael B. Feldman, Dr. Rachelle S. Heller, Dr. Deborah Hix, Dr. Robert J. K. Jacob

M.S., Computer Science, Ball State University, Muncie IN. May 1987

- Major: Computer Science
- Master Thesis: *A Language for Interactive Computer Graphics Programming*
- Advisor: Dr. Michael McGrew
- Committee: Dr. Clinton Fuelling, Dr. William F. Brown

B.A., Computer Science, Ball State University, Muncie IN. May 1983

- Major: Computer Science
- Minor: Foundations of Business

Current Position

Visiting Professor, Khoury College of Computing Sciences, Northeastern University
Professor, Software and Information Systems, UNC Charlotte (on Educational Leave)

Partial List of Professional Honors

- ACM Distinguished Member For Outstanding Educational Contributions to Computing 2019
- Computing Research Association's A. Nico Habermann Award 2018
- Richard A. Tapia Achievement Award for Scientific Scholarship, Civic Science and Diversifying Computing, 2017
- ACM Senior Member, 2017

Current Membership on National Boards

- Member of the Committee on Women in Science, Engineering (CWSEM) and Medicine at the National Academies Science, Engineering and Medicine (NASEM) - April 2021 until December 31, 2023.

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- Member BPCnet.org Steering Committee, Computing Research Association, 2020-present
- At-Large Member for the SIGCSE Board, ACM Special Interest Group (2019-2022)
- Member for the (inaugural) SIGCSE Technical Symposium Steering Committee, as representative of the SIGCSE Board - 2021-2022
- Advisory Board Member, CMD-IT: The Center for Minorities and People with Disabilities in IT 2016 - present
- Member of the Advisory Board for the Alliance for Identity Inclusive Computing Education (NSF Grant, hosted at Duke)

Full Academic Employment History

Center for Inclusive Computing, Northeastern University (January 2022-May 2022)

- *Visiting Professor*, Khoury College of Computing Sciences at Northeastern University while on Educational Leave from UNCC.

Department of Software and Information Systems, University of North Carolina at Charlotte (July 2015-present)

- *Full Professor* in Software and Information Systems, College of Computing and Informatics

Faculty Fellow, Graduate School, UNC Charlotte (July 2019-December 2021)

- In charge of Diversity Initiatives at the Graduate School (2020-2021)
 - Member of the Diversity Committee at the Graduate School
 - Design and conduct training on Diversity and Inclusion offered monthly to Graduate School Staff.
 - Lead Affinity Lunch gatherings of graduate student groups - conducted so far Hispanics, LGBTQ, Native & Indigenous, Students with Disabilities; scheduled for Spring 2021: African-American, Women's, Veterans.
 - Design and offer a course on Diversity, Equity and Inclusion for graduate students of all backgrounds.
- Responsible for overseeing the implementation of the recommendation from the Graduate Student Funding Task Force (2019-2020).
 - Chair of Committee for Graduate Funding as part of the Graduate Council
 - Created definitions of Graduate Teaching Assistant and Graduate Research Assistant to ensure consistency in hiring of graduate students

Associate Dean, College of Computing and Informatics, UNC at Charlotte (July 2015-June 2019)

- Oversee all academic programs in CCI, including largest undergraduate degree on campus (CS, ~2700 majors), several MS degrees, and 2 PhD programs.
- Director of the Tutoring Center - interviewed, hired, trained, and managed undergraduate students working in the tutoring center.
- Lead Honors Committee in reformulating CCI honors program.
- Participated in the Taskforce that lead to creation of the Integrated Critical Core, academic unit that manages core courses in the undergraduate CS degree.

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- Created the Advising Center in the CCI, drafted organization, hired first 4 advisors including the director of the center. Center was recognized with Provost Excellence in Advising award just 2 years after its creation.
- Wrote the proposal to merge the two undergraduate degrees in CCI (Computer Science and Software Information Systems).
- Created the Mentoring Program for undergraduate women in CCI with support and participation from professional mentors from local industry.
- Member of numerous campus efforts around improvement of student success, including Graduation Metrics Taskforce, Prospect for Success, Adaptive Learning Initiative, General Education Charge Committee, Niner Nation Remembrance Commission, and Advising Center committee among others.

Department of Computer Science, Virginia Tech (Aug 2000-Aug 2015)

- *Assistant and Associate Professor* in Computer Science

Associate Department Head and Director of Graduate Studies, Department of Computer Science, Virginia Tech (Aug 2012-Dec 2014)

- Director of the Graduate Programs in Computer Science.
- Supervision of Graduate Coordinator.
- Administration and oversight of the graduate program in Computer Science, including making decisions in approvals of plans of study, oversight over admissions, orientation of new students, in charge of Graduate Seminar, organization for annual review of students and in charge of monitoring student progress.
- Member of executive team in the CS department with weekly meetings establishing priorities, and setting direction for the department.

Associate Dean of the Graduate School, Virginia Tech (Aug 2008-Dec 2010)

- Director of the Office of Graduate Recruitment and Diversity Initiatives; supervised two employees
- Developed and offered the course Topics on Diversity and Inclusion for a Global Society as part of the Transformative Graduate Education initiative at VT. The course takes a multi-disciplinary look at Diversity and Inclusion
- Led the definition and implementation of the Diversity Scholars program, a program geared towards training a cohort of graduate students in Diversity matters so they can be agents of change in their respective disciplines
- Led the creation of the Diversity Initiatives program that provides funding for initiatives in departments across campus
- Managed the application process and awards for the Dean Diversity Assistantships awarded to incoming students nominated by their respective departments
- Participated in the update of the 2010-2013 Diversity Strategic Plan for the University, as part of an ad-hoc committee in the Office of Equity and Inclusion
- Supervised the planning and coordination of the Graduate Preview Weekend 2010, where 16 prospective students were brought to campus to visit their respective departments. Our office coordinated the weekend events, including presentations about graduate school, coordination with departments, and social activities

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- Represented the Graduate School and numerous diversity events and committees including giving presentations about Diversity, Applying to Graduate School, and Why Virginia Tech?
- Represented the Graduate School in several technology committees, including the redesign of the Electronic Thesis and Dissertations website, and the Online Plan of Study Signature System

Prior Positions at Virginia Tech

- Part-Time Usability Specialist at the Virginia Bioinformatics Institute, Virginia Polytechnic Institute and State University (Jan 2008-May 2008)
- Assistant Professor, Computer Science Dept., Virginia Polytechnic Institute and State University (Aug 2000- Aug 2006)

Positions before Virginia Tech

- Associate Professor, Dept. of Electrical and Computer Engineering, U. of Puerto Rico-Mayagüez (Jul 1999 - Jun 2000)
- Assistant Professor, Dept. of Electrical and Computer Engineering, U. of Puerto Rico-Mayagüez (Jul 1996 - Jun 1999)
- ASEE Summer Faculty, Naval Research Lab (NRL), Interface & Design Evaluation, Washington DC (Summer 1998)
- Computer Scientist, Navy Center for Applied Research in Artificial Intelligence, Naval Research Lab, Washington DC (Feb 1990 - May 1996)
- Visiting Professor, Computer Science Dept., United States Naval Academy, Annapolis, MD (Jan 1995 - May 1995)
- Research Assistant at George Washington University (Sep 1993 - Jan 1994)
- Software Engineer at Compusearch Software Systems, McLean, VA (Jan 1989 - Nov 1989)
- Software Idea Manager at Theme Lines Communications, Inc., McLean, VA (Aug 1988 - Dec 1988)
- Software Engineer at Trace, Inc., Arlington, VA (Feb 1988 - Aug 1988)
- Programmer/Analyst for General Sciences Corporation, Washington, DC (Oct 1987 - Feb 1988)
- Graduate Teaching Assistant, CS Department, Ball State University (Aug 1985 - May 1987)
- Part-time instructor, Computer Science Department, University of Puerto Rico, Bayamón Campus; Part-time instructor, Computing, Univ. El Turabo & Univ. Metropolitana, Fundación Ana G. Mendez (May 1983 - Jul 1985)

Full List of Professional Honors and Awards

- ACM Service Recognition Award for Service as Symposium Co-Chair for SIGCSE 2019 Technical Symposium in Computer Science Education, 2019
- ACM Distinguished Member For Outstanding Educational Contributions to Computing 2019
- Computing Research Association's A. Nico Habermann Award 2018
- Richard A. Tapia Achievement Award for Scientific Scholarship, Civic Science and Diversifying Computing, 2017
- ACM Senior Member, 2017
- Dean's Award for Excellence in Service, College of Engineering, Virginia Tech, 2011
- Invited Panelist at the Science Colloquium "Does Race and Culture Impact Hispanic American and African American Communities Access To Science and Technology Resources and Knowledge? Issues In U.S. STEM Competitiveness" part of Diversity Week Celebration, Colgate University, Hamilton, NY

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- ACM Service Recognition Award for Service as Member of Steering Committee of the Richard Tapia Celebration of Diversity in Computing Conference, 2011
- ACM Service Recognition Award for Service as Member of Steering Committee of the Richard Tapia Celebration of Diversity in Computing Conference, 2012
- ACM Service Recognition Award for Service as Co-Chair of the Richard Tapia Celebration of Diversity in Computing Conference, 2009
- Invited Keynote Speaker, Latin-American Conference on Web Research (LA-WEB) 2008, Vittoria, Brazil, Oct 2008.
- IEEE Computer Society Distinguished Visitors Program (2008-2010)
- “Leading Research Collaborators” List, Office of the Vice President for Research, Virginia Tech, for the FY 2007 (First and Second Quarter) #36 on list
- Multi-Cultural Fellow, Office of the Vice President for Multicultural Affairs, Virginia Tech (2004-2010)
- NSF Career Award, 1999-2003
- Virginia Tech Researcher of the Week, September 8-12, 2003
- Frontiers in Education Faculty Fellow, 1999, San Juan, Puerto Rico.
- ASEE Summer Faculty Fellowship at Naval Research Laboratory (Summer 1998)
- Minority Fellowship to attend Workshop “Compiling Scheme”, July 1996, Sponsored by National Science Foundation, Indiana University, and McGraw-Hill.
- Minority Fellowship to attend Workshop “Using Scheme to Understand Programming Languages”, June-July 1995, Sponsored by National Science Foundation, Indiana University, and McGraw-Hill.
- Performance Award, Naval Research Laboratory, Department of the Navy, (1994)
- Performance Award, Naval Research Laboratory, Department of the Navy, (1991)
- Performance Award, Naval Research Laboratory, Department of the Navy, (1990)
- Outstanding Performance Rating and Performance Award May 1993, Naval Research Laboratory, Department of the Navy
- Alan Berman Research Publications 1992 Naval Research Laboratory for Ballas, J. A., Heitmeyer, C. L., & Pérez, M. A. (1992) Direct Manipulation and Intermittent Automation in Advanced Cockpits.
- Graduate Fellowship, Economic Development Administration, Government of Puerto Rico 1992-1995.
- Honors Fellowship, School of Engineering and Applied Sciences, The George Washington University 1987-88.
- Sigma Zeta Honorary Science Society, 1982, Ball State University.
- Golden Key National Honor Society, 1981, Ball State University.
- College of Business Dean's Honor List, Winter Quarter 1980, Ball State University.

External Grants

Research Grants

1. *Collaborative Research: BPC-AE: STARS: Catalyzing Action-Oriented Academic Communities for Broadening Participation in Computing*, CNS Division Of Computer and Network Systems (#2136600). PI:Audrey Rorrer; Co-PI: Manuel A. Pérez-Quñones. October 1, 2021; **Amount:** \$173,277, Personal Participation: 50%. Awardee organization:UNC Charlotte. Part of BPC Alliance with Temple and NC State University.

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2. *RPP HS Strand (Small): Preparing High School Teachers to Broaden Participation by Teaching Programming Online*, CNS: Division of Computer and Network Systems (#2031496). **PI:** Manuel A. Pérez-Quñones, **Co-PI:** David Pugalee, Florence Martin. November 1, 2020, **Amount:** \$299,848, Personal Participation: 40%. Awardee organization: UNC Charlotte.
3. *Collaborative: The STARS Aligned: How the STARS Computing Corps Broadens Participation in Computing*, CNS: Division of Computer and Network Systems (#2023399). **PI:** Audrey Rorrer, Co-PI: Manuel A. Pérez-Quñones. October 1, 2020, **Amount:** \$105,104, Personal Participation: 25%. Awardee organization: UNC Charlotte.
4. *Collaborative Research: Promoting a Growth Mindset Using Automated Feedback*, DUE: Division of Undergraduate Education (#1625425). **PI:** Stephen Edwards (Virginia Tech), Co-PIs: Manuel A. Pérez-Quñones, Matt Jadud. September 1, 2016-August 31, 2021, **Amount:** \$599,024, Personal Participation: 25% (\$150,000).
5. *CodePractice: Developing Coding Skills Using Social and Adaptive Drill-and-Practice Exercises*, DUE: Division of Undergraduate Education (#1245589). **PI:** Stephen Edwards, **Co-PI:** Manuel A. Pérez-Quñones. July 1, 2013-June 30, 2016, **Amount:** \$199,737, Personal participation: 40%, Area: CS Education, Awardee organization: Virginia Tech.
6. *Participation on the Town Square in the Era of Web 2.0*, SES: Division of Social and Economic Sciences (#1111239). **PI:** Andrea Kavanaugh, **Co-PI:** Manuel A. Pérez-Quñones, Naren Ramakrishnan, John Tedesco. September 15, 2011-August 31, 2014, **Amount:** \$749,999, Personal participation: 25%, Area: HCI, Awardee organization: Virginia Tech.
7. *Planning Grant: Integrating Computational Thinking Into Middle School Curriculum*, CNS: Division of Computer and Network Systems (#1132227). **PI:** Deborah Tatar, **Co-PI:** Dennis Kafura, Manuel A. Pérez-Quñones, Steve Harrison, Chris Corallo. October 1, 2011-January 31, 2015, **Amount:** \$199,998, Personal participation: 20%, Area: CS Education, Awardee organization: Virginia Tech.
8. *NIOSH/CDC Virginia Tech OSH Research Cooperative Agreement*, NIOSH. **PI:** Brian Kleiner, **Co-PI:** Manuel A. Pérez-Quñones, and others. Dates of performance: 09/01/09 - 08/31/14, **Amount:** \$6,472,495, Personal participation: 1.31%, Area: HCI, Awardee organization: Virginia Tech.
9. *Ensemble: Enriching Communities and Collections to Support Education in Computing*, DUE: Division of Undergraduate Education (#0840719). **PI:** Edward Fox, **Co-PI:** Patrick Fan, Stephen Edwards (Senior Personnel: M. A. Pérez-Quñones). September 15, 2008-August 31, 2014, **Amount:** \$2,500,000, Personal participation: 0%, Area: HCI, Awardee organization: Virginia Tech.
10. *Collaborative Research: CPATH CB: Distributed Expertise in Enhancing Computing Education with Connections to the Arts*, IIS: Division of Information & Intelligent Systems (#0829625). **PI:** M. A. Pérez-Quñones, **Co-PI:** Steve Harrison, Deborah Tatar. September 1, 2008-August 31, 2011, **Amount:** \$120,000, Personal participation: 30%, Area: CS Education, Awardee organization: Virginia Tech.
11. *CPATH CB: Connecting Computing Educators Within and Outside the Traditional Boundaries*, CCF: Division of Computer and Communication Foundations (#0722223). **PI:** L. Cassell, **Co-PI:** Manuel A. Pérez-Quñones, S.R. Harrison. September 1, 2007-August 31, 2009, **Amount:** \$80,000, Personal participation: 50%, Area: CS Education, Awardee organization: Virginia Tech.

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12. *Educational Support for Testing Graphical User Interfaces*, DUE: Division of Undergraduate Education (CCLI-Phase 1) (#0633594). **PI:** S. H. Edwards, **Co-PI:** M. A. Pérez-Quiñones. May 15, 2007-April 30, 2010, **Amount:** \$149,899, Personal participation: 50%, Area: CS Education, Awardee organization: Virginia Tech.
13. *Community Resources for Automated Grading*, DUE: Division of Undergraduate Education (CCLI-Phase 2) (#0618663). **PI:** S. H. Edwards, **Co-PI:** Manuel A. Pérez-Quiñones, C. Evia. September 1, 2006-August 31, 2010, **Amount:** \$499,989, Personal participation: 40%, Area: CS Education, Awardee organization: Virginia Tech.
14. *BPC Supplement: Hispanics in Digital Government: Creating a Pipeline of Hispanic Students Between Virginia Tech and the University of Puerto Rico, Mayaguez*, NSF Broadening Participation in Computing Program, Supplement to Modeling Online Participation in Local Governance grant. **PI:** Manuel A. Pérez-Quiñones, **Co-PI:** A. Kavanaugh, B. Vélez-Rivera. **Amount:** \$51,980, Personal participation: 100%, Area: Students, Awardee organization: Virginia Tech.
15. *Interfaces for the Embodied Mind*, CNS: Division of Computer and Network Systems (#0551610). **PI:** Francis Quek, **Co-PI:** Doug Bowman, Deborah Tatar, Chris North, Woodrow Winchester, Andrea Kavanaugh, Steve Harrison, Yingen Xiong, Joseph Gabbard, Shawn Bohner, Tonya Smith-Jackson, Daniel Dunlap, Roger Ehrich, Edward Fox, Denis Gracanin, Debby Hix, Thomas Martin, Scott McCrickard, Manuel A. Pérez-Quiñones, Bill Carstensen. March 15, 2006-February 29, 2012, **Amount:** \$206,938, Personal participation: 5%, Area: HCI, Awardee organization: Virginia Tech.
16. *Beyond Human Memory: SenseCam Use in Veterinary College and as Assistive Technology*, Microsoft Research Digital Memories (Memex). **PI:** Manuel A. Pérez-Quiñones, **Co-PI:** E.A. Fox. Dates of performance: January 1, 2006-December 31, 2006, **Amount:** \$49,894, Personal participation: 90%, Area: HCI, Awardee organization: Virginia Tech.
17. *Personalization of Content: Bridging the gap between NSDL and its users through the course website*, DUE: Division of Undergraduate Education (#0532825). **PI:** Manuel A. Pérez-Quiñones, **Co-PI:** E.A. Fox, P. Fan, L. Cassel. September 1, 2005-August 31, 2009, **Amount:** \$450,000, Personal participation: 54%, Area: HCI, Awardee organization: Virginia Tech.
18. *Use of a Tablet PC for Peer-Review Activities in CS1 and CS2*, Microsoft Faculty Grants. **PI:** Manuel A. Pérez-Quiñones, **Co-PI:** Stephen Edwards. Dates of performance: August 2005 –July 2006, **Amount:** \$53,926, Personal participation: 50%, Area: CS Education, Awardee organization: Virginia Tech.
19. *NSF ITWF: Scholars of the Future: An Implementation Model for Increasing Diversity in Information Technology*, CNS: Division of Computer and Network Systems (#0420485). **PI:** J.E. Gilbert (Auburn), **Co-PI:** Theron Hendrix, Manuel A. Pérez-Quiñones, Lecia Baker. August 1, 2004-July 31, 2009, **Amount:** \$754,983, Personal participation: 28%, Area: Students, Awardee organization: Virginia Tech.
20. *Modeling Online Participation in Local Governance*, IIS: Division of Information & Intelligent Systems (#0429274). **PI:** Andrea Kavanaugh, **Co-PI:** Daniel Dunlap, Philip Isenhour, Manuel A. Pérez-Quiñones. September 1, 2004-February 29, 2008, **Amount:** \$550,002, Personal participation: 25%, Area: HCI, Awardee organization: Virginia Tech.

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21. *NSF EIA-0312668: Web Development by Non-programmers*, CNS: Division of Computer and Network Systems (#0353309). **PI:** M. B. Rosson, **Co-PI:** Manuel A. Pérez-Quiñones. September 15, 2003-July 31, 2006, **Amount:** \$93,106, Personal participation: 100%, Area: HCI, Awardee organization: Virginia Tech.
22. *Research on the Use of VoiceXML Within the Context of the WebSphere Transcoding Publisher*, IBM. **PI:** Manuel A. Pérez-Quiñones. Dates of performance: January 2002-December 2003, **Amount:** \$50,000, Personal participation: 100%, Area: HCI, Awardee organization: Virginia Tech.
23. *Computing and Information Technology Interactive Digital Educational Library (CITIDEL)*, DUE: Division of Undergraduate Education (#0121679). **PI:** Fox, E.A., **Co-PI:** Lee, JAN, Manuel A. Pérez-Quiñones, Giles, C.L., Cassel, L., Impagliazzo, J., Knox, D.. September 15, 2001-May 31, 2005, **Amount:** \$835,000, Personal participation: 23%, Area: HCI, Awardee organization: Virginia Tech.
24. *CAREER: Dialogue Context in Graphical User Interfaces: Representation, Portability and Uses*, IIS: Division of Information & Intelligent Systems (#0049075). **PI:** Manuel A. Pérez-Quiñones. August 10, 2000-February 29, 2004, **Amount:** \$313,798, Personal participation: 100%, Area: HCI, Awardee organization: Virginia Tech.
25. *Mobile Computing: Portability of User Interfaces Across Very Different Platforms*, UPRM R&D Center Seed Grant. **PI:** Manuel A. Pérez-Quiñones. Dates of performance: 1997-1998, **Amount:** \$5,000, Personal participation: 100%, Area: HCI, Awardee organization: UPRM.

Student Support, Diversity Grants

1. *Sustainable Diversity in the Computing Research Pipeline*, CNS: Division of Computer and Network Systems (#1246649). **PI:** Tracy Camp, **Co-PI:** Manuel A. Pérez-Quiñones, Andrew Bernat. October 1, 2012-September 30, 2017, **Amount:** \$5,569,431, Personal participation: 30%, Area: Students, Awardee organization: CRA.
2. *CS Principles Pilot Site Round 2*, The College Board. **PI:** Dwight Barnette, **Co-PI:** Manuel A. Pérez-Quiñones, collaboration with Rebecca Dovi, Patrick Henry High School. **Amount:** \$15,000, Personal participation: 50%, Area: CS Education, Awardee organization: Virginia Tech.
3. *Computer-Human Interaction Workshop: A Discipline Specific Mentoring Proposal*, CRA-W, Workshop co-located with CHI 2012, Austin, TX. **PI:** Ron Metoyer, **Co-PI:** Manuel A. Pérez-Quiñones. **Amount:** \$24,000, Personal participation: 100%, Area: Students, Awardee organization: CRA.
4. *WORKSHOP: Student Travel Support for the CHI Mentoring 2012 Workshop*, IIS: Division of Information & Intelligent Systems (#1237485). **PI:** Manuel A. Pérez-Quiñones, **Co-PI:** Ron Metoyer. April 1, 2012-March 31, 2014, **Amount:** \$13,750, Personal participation: 100%, Area: Students, Awardee organization: Virginia Tech.
5. *High School Teachers Workshop 2011*, CS4HS Grant, Google Inc.. **PI:** Manuel A. Pérez-Quiñones. **Amount:** \$15,000, Personal participation: 100%, Area: CS Education, Awardee organization: Virginia Tech.
6. *BPC Pipeline: Five Year Extension*, CNS: Division of Computer and Network Systems (#1042403). **PI:** Kathleen Fisher, **Co-PI:** Andrew Bernat, Manuel A. Pérez-Quiñones. February 1, 2011-

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January 31, 2014, **Amount:** \$750,720, Personal participation: 50%, Area: Students, Awardee organization: CRA.

7. *WORKSHOP: Student Travel Support for the CHI Mentoring Workshop*, IIS: Division of Information & Intelligent Systems (#1020637). **PI:** Manuel A. Pérez-Quiñones, **Co-PI:** Ron Metoyer. March 1, 2010-February 28, 2011, **Amount:** \$11,374, Personal participation: 100%, Area: Students, Awardee organization: CRA.
8. *Computer-Human Interaction Workshop: A Discipline Specific Mentoring Proposal*, CRA-W. **PI:** Ron Metoyer, **Co-PI:** Manuel A. Pérez-Quiñones. **Amount:** \$30,000, Personal participation: 100%, Area: Students, Awardee organization: CRA.
9. *A Proposal for Funding Student Scholarships to The Richard Tapia Celebration of Diversity in Computing Conference 2009*, CNS: Division of Computer and Network Systems (#0926083). **PI:** Manuel Pérez-Quiñones, **Co-PI:** Ronald Metoyer. April 15, 2009-September 30, 2010, **Amount:** \$73,680, Personal participation: 100%, Area: Students, Awardee organization: CRA.
10. *BPC-A: Widening the Research Pipeline, REU Supplement to CRA-W/CDC BPC Alliance*, NSF. **PI:** Lori A. Clarke, **Co-PI:** Andrew Bernat, Carla S. Ellis, Margaret Martonosi, Pamela J. Williams (Senior Personnel: M. A. Pérez-Quiñones). Dates of performance: 2009-2010, **Amount:** \$5,000, Personal participation: 100%, Area: Students, Awardee organization: CRA.
11. *Understanding the Latino College Experience in Virginia. Funded by VT's Faculty Diversity Grant Program*, Virginia Tech. **PI:** Carlos Evia, **Co-PI:** M. A. Pérez-Quiñones. Dates of performance: May 1, 2008-April 30, 2009, **Amount:** \$3,000, Personal participation: 100%, Area: Students, Awardee organization: Virginia Tech.
12. *Stars Alliance, subcontract to UNC Charlotte BPC Alliance*, NSF. **PI:** D.S. McCrickard, **Co-PI:** Manuel A. Pérez-Quiñones. Dates of performance: Sept 2007-Sept 2008, **Amount:** \$22,176, Personal participation: 50%, Area: Students, Awardee organization: Virginia Tech.
13. *Workshop: Computing Education Needs Assessment, February 2008 - Washington, DC.*, DUE: Division of Undergraduate Education (#0752030). **PI:** L. Cassel, **Co-PI:** Manuel A. Pérez-Quiñones. October 1, 2007-September 30, 2009, **Amount:** \$50,000, Personal participation: 50%, Area: CS Education, Awardee organization: Virginia Tech.

Publications

Journals

1. Sarah Heckman, Brandon Fain, and Manuel Pérez-Quiñones. 2019. Building and expanding a successful undergraduate research program. *J. Comput. Sci. Coll.* 35, 4 (October 2019), 18–19.
2. Scott A. Turner, Manuel A. Pérez-Quiñones, S. H. Edwards (2018) Peer Review in CS2: Conceptual Learning and High-level Thinking. *Transactions on Computing Education*, vol. 18, no. 3, pp. 13:0-13:37, September 2018, <https://doi.org/10.1145/3152715>
3. Carlos Evia, Matthew R. Sharp, Manuel A. Pérez-Quiñones (2015) Teaching Structured Authoring and DITA Through Rhetorical and Computational Thinking. *IEEE Transactions on Professional Communication*, vol. 58, no. 3, pp. 328-343, Sept. 2015. doi: 10.1109/TPC.2016.2516639

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4. Benjamin V. Hanrahan, Manuel A. Pérez-Quiñones, David Martin, (2014). Attending to Email, Interacting with Computers, 20 pps, December 23, 2104, doi: 10.1093/iwc/iwu048.
5. Andrea Kavanaugh, Ankit Ahuja, Samah Gad, Sloane Neidig, Manuel A. Pérez-Quiñones, Naren Ramakrishnan, John Tedesco (2014). (Hyper) local news aggregation: Designing for social affordances, Government Information Quarterly, Special Issue 2012 Digital Government Society Conference 31(1), 30-41. <http://www.sciencedirect.com/science/article/pii/S0740624X13001251>
6. Kibum Kim, Scott A. Turner, Manuel A. Pérez-Quiñones (2009). Requirements for electronic note taking systems: A field study of note taking in university classrooms, Education and Information Technologies 14(3), 255-283. <http://dx.doi.org/10.1007/s10639-009-9086-z>
7. Cyril Montabert, Scott McCrickard, Woodrow W. Winchester, Manuel A. Pérez-Quiñones (2009). An integrative approach to requirements analysis: How task models support requirements reuse in a user-centric design framework, Interacting with Computers 21(4), 304-315. <http://dx.doi.org/10.1016/j.intcom.2009.06.003>
8. S. Perugini, M. E. Pinney, Naren Ramakrishnan, Manuel A. Pérez-Quiñones, Mary Beth Rosson, (2009). Exploring Out-of-turn Interactions with Web Hierarchies, Journal of Digital Information 10(4), 18.
9. Deborah Barreau, Robert Capra, Susan Dumais, William Jones, Manuel A. Pérez-Quiñones (2008). Introduction to keeping, refinding and sharing personal information, *ACM Transactions on Information Systems* 26(4), 1-3. <http://doi.acm.org/10.1145/1402256.1402257>
10. Andrea Kavanaugh, Manuel A. Pérez-Quiñones, B. Joon Kim, Joseph Schmitz (2008). Net Gains in Political Participation: Secondary effects of the Internet on community, Information, Communication & Society 11(7), 933-963.
11. Naren Ramakrishnan, Manuel A. Pérez-Quiñones, Atul Shenoy (2008). Compositional specification and realization of mixed-initiative web dialogs, International Journal of Web Engineering and Technology, Special Issue Special Issue on User Interface Description Languages 4(3), 336-366. 10.1504/IJWET.2008.019538
12. Scott A. Turner, Manuel A. Pérez-Quiñones, S. H. Edwards, (2007). Effect of Interface Style in Peer Review Comments for UML Designs, The Journal of Computing Sciences in Colleges 22(3), 214-220.
13. S. H. Edwards, Manuel A. Pérez-Quiñones, (2007). Experiences Using Test-Driven Development With An Automated Grader, The Journal of Computing Sciences in Colleges 22(3), 44-50.
14. H. Vastani, S.H. Edwards, Manuel A. Pérez-Quiñones, (2006). Supporting On-line Direct Markup and Evaluation of Students' Projects, Computers in Education Journal 16(3), 88-99.
15. Mary Czerwinski, Doug Gage, Jim Gemmell, Tiziana Catarci, Catherine C. Marshall, Manuel A. Pérez-Quiñones, Meredith M Skeels, (2006). Digital Memories in an Era of Ubiquitous Computing and Abundant Storage, Communications of the ACM: Special issue on Personal Information Management 49(1), 44-50.
16. Ravikiran Vatrappu, Manuel A. Pérez-Quiñones (2006). Culture and International Usability Testing: The Effects of Culture in Structured Interviews, Journal of Usability Studies 1(4), 156-170.

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17. Robert G. Capra, Manuel A. Pérez-Quiñones, (2005). Using Web Search Engines to Find and Refind Information, *Computer* 38(10), 36-42. <http://dx.doi.org/10.1109/MC.2005.355>
18. Scott A. Turner, Manuel A. Pérez-Quiñones, Stephen H. Edwards, (2005). minimUML: A minimalist approach to UML diagramming for early computer science education, *ACM Journal on Educational Resources in Computing (JERIC)* 5(4), 1. <http://doi.acm.org/10.1145/1186639.1186640>
19. H.Rex Hartson, P. Shivakumar, Manuel A. Pérez-Quiñones (2004). Usability inspection of digital libraries: a case study, *International Journal on Digital Libraries* 4(2), 108-123.
20. S.S. Everett, Kenneth Wauchope, Manuel A. Pérez-Quiñones (1999). Creating Natural Language Interfaces to VR Systems, *Virtual Reality* 4(1), 103-113.

Proceedings

Full papers published in conference proceedings based on a peer review process.

1. Syeda Fatema Mazumder, Celine Latulipe, and Manuel A. Pérez-Quiñones. 2020. Are Variable, Array and Object Diagrams in Java Textbooks Explanative? In *Proceedings of the 2020 ACM Conference on Innovation and Technology in Computer Science Education (ITiCSE '20)*. Association for Computing Machinery, New York, NY, USA, 425–431. DOI:<https://doi.org/10.1145/3341525.3387368>
2. Bob Edmison, Stephen H. Edwards, Manuel A. Pérez-Quiñones (2017) Using Spectrum-Based Fault Location and Heatmaps to Express Debugging Suggestions to Student Programmers. In *ACE '17 Proceedings of the Nineteenth Australasian Computing Education Conference*, pp. 48-54. ACM Press: New York, NY, USA. DOI:<https://doi.org/10.1145/3013499.3013509> Acceptance rate: 40%
3. Yao Wang, Mark Schlager, Manuel A. Pérez-Quiñones, (2016) The Impact of the Encoding View in Location-Based Reminders: Improving Prospective Remembering. In *Proceedings of the 34th Annual ACM Conference on Human Factors in Computing Systems*, pp. 2406-2416. ACM Press: New York, NY, USA. DOI:<https://doi.org/10.1145/2858036.2858197> Acceptance rate: 23%
4. Ashley Robinson, Manuel A. Pérez-Quiñones and Glenda Scales (2015) Understanding the attitudes of African American middle school girls toward computer science. In *2015 Research in Equity and Sustained Participation in Engineering, Computing, and Technology (RESPECT)*, Charlotte, NC, 2015, pp. 1-8, DOI: <https://doi.org/10.1109/RESPECT.2015.7296507>
5. Ben Hanrahan, Manuel A. Pérez-Quiñones (2015). Lost in Email: Pulling Users Down a Path of Interaction. In *Proceedings of the 33rd Annual ACM Conference on Human Factors in Computing Systems*, pp. 3981-3984. ACM Press: New York, NY, USA. DOI:<https://doi.org/10.1145/2702123.2702351> Acceptance rate: 25%
6. William Jones, Robert Capra, Anne Diekema, Jaime Teevan, Manuel A. Pérez-Quiñones, Jesse David Dinneen, Bradley Hemminger (2015). "For Telling" the Present: The Delphi Method for the Practical Management of Personal Information. In *Proceedings of the SIGCHI conference on Human factors in computing systems*, pp. 3513-3522. ACM Press: New York, NY, USA. DOI:<https://doi.org/10.1145/2702123.2702523> Acceptance rate: 25%

Manuel A. Pérez Quiñones, D.Sc.

7. Ankit Ahuja, Ben Hanrahan, Manuel A. Pérez-Quiñones (2014). Contextinator: Project-Based Management of Personal Information on the Web. In *WEBIST - 10th International Conference on Web Information Systems and Technologies*. Acceptance rate: 19%
8. Ashley Robinson, Manuel A. Pérez-Quiñones (2014). Underrepresented Middle School Girls: On the Path to Computer Science Through Paper Prototyping. In *Proceedings of the 45th ACM Technical Symposium on Computer Science Education*, pp. 97-102, Atlanta, Georgia, USA. New York, NY, USA. ACM. DOI:<https://doi.org/10.1145/2538862.2538951> Acceptance rate: 39%
9. Kafura, Dennis and Gracanin, Denis and Pérez-Quiñones, Manuel A. and DeHart, Tom (2013). An Approach to Community-Oriented Email Privacy. In *Third IEEE International Conference on Information Privacy, Security, Risk and Trust (PASSAT '2011)*, pp. 966-973, Boston, MA, USA. MIT. Acceptance rate: 9.6%
10. Andrea Kavanaugh, Ankit Ahuja, Manuel Pérez-Quiñones, John Tedesco, and Kumbirai Madondo (2013). Encouraging civic participation through local news aggregation. In *dg.o '13: Proceedings of the 14th Annual International Conference on Digital Government Research*, pp. 172-179, New York, NY, USA. ACM. DOI:<https://doi.org/10.1145/2479724.2479750> Acceptance rate: 76%
11. Codio, Sherley and Kafura, Dennis and Pérez-Quiñones, Manuel and Gracanin, Denis and Kavanaugh, Andrea (2012). A Case Study of Community Privacy. In *SOCIALINFORMATICS '12: Proceedings of the 2012 International Conference on Social Informatics*, pp. 265-274, Washington, DC, USA. IEEE Computer Society. Acceptance rate: 11.5%
12. Codio, Sherley and Kafura, Dennis and Pérez-Quiñones, Manuel and Kavanaugh, Andrea and Gracanin, Denis (2012). Identifying Critical Factors of Community Privacy. In *SOCIALCOM-PASSAT '12: Proceedings of the 2012 ASE/IEEE International Conference on Social Computing and 2012 ASE/IEEE International Conference on Privacy, Security, Risk and Trust*, pp. 666-675, Washington, DC, USA. IEEE Computer Society.
13. Andrea Kavanaugh, Samah Gad, Sloane Neidig, Manuel A. Pérez-Quiñones, John Tedesco, Ankit Ahuja, and Naren Ramakrishnan (2012). (Hyper) Local news aggregation: designing for social affordances. In *dg.o '12: Proceedings of the 13th Annual International Conference on Digital Government Research*, pp. 30-39, New York, NY, USA. DOI:<https://doi.org/10.1145/2307729.2307736> ACM. Acceptance rate: 66%
14. Uma Murthy, Lin Tzy Li, Eric Hallerman, Edward A. Fox, Manuel A. Perez-Quinones, Lois M. Delcambre, and Ricardo da S. Torres (2011). Use of subimages in fish species identification: a qualitative study. In *JCDL '11: Proceedings of the 11th annual international ACM/IEEE joint conference on Digital libraries*, pp. 185-194, New York, NY, USA. ACM. DOI:<https://doi.org/10.1145/1998076.1998112> Acceptance rate: 23%
15. Jason Snyder, Stephen H. Edwards, and Manuel A. Pérez-Quiñones (2011). LIFT: taking GUI unit testing to new heights. In *SIGCSE '11: Proceedings of the 42nd ACM technical symposium on Computer science education*, pp. 643-648, New York, NY, USA. ACM. DOI:<https://doi.org/10.1145/1953163.1953343> Acceptance rate: 34%
16. Scott Turner, Manuel A. Pérez-Quiñones, Stephen Edwards, and Joseph Chase (2011). Student attitudes and motivation for peer review in CS2. In *SIGCSE '11: Proceedings of the 42nd ACM technical symposium on Computer science education*, pp. 347-352, New York, NY, USA. ACM. DOI:<https://doi.org/10.1145/1953163.1953268> Acceptance rate: 34%

Manuel A. Pérez Quiñones, D.Sc.

17. Chaube, Vineeta and Kavanaugh, Andrea L. and Pérez-Quiñones, Manuel A. (2010). Leveraging Social Networks to Embed Trust in Rideshare Programs. In *HICSS '10: Proceedings of the 2010 43rd Hawaii International Conference on System Sciences*, pp. 1-8, Washington, DC, USA. IEEE Computer Society.
18. Scott Turner, Manuel A. Pérez-Quiñones, Stephen Edwards, and Joseph Chase (2010). Peer review in CS2: conceptual learning. In *SIGCSE '10: Proceedings of the 41st ACM technical symposium on Computer science education*, pp. 331-335, New York, NY, USA. ACM. DOI:<https://doi.org/10.1145/1734263.1734379> Acceptance rate: 34%
19. Ahuja, Sameer and Pérez-Quiñones, Manuel A. and Kavanaugh, Andrea (2009). Local conversations 2.0. In *dg.o '09: Proceedings of the 10th Annual International Conference on Digital Government Research*, pp. 311-312. Digital Government Society of North America.
20. Anthony Allevato, Stephen H. Edwards, and Manuel A. Pérez-Quiñones (2009). Dereferree: exploring pointer mismanagement in student code. In *SIGCSE '09: Proceedings of the 40th ACM technical symposium on Computer science education*, pp. 173-177, New York, NY, USA. ACM. DOI:<https://doi.org/10.1145/1508865.1508928> Acceptance rate: 31%
21. Stephen H. Edwards, Jason Snyder, Manuel A. Pérez-Quiñones, Anthony Allevato, Dongkwan Kim, and Betsy Tretola (2009). Comparing effective and ineffective behaviors of student programmers. In *ICER '09: Proceedings of the fifth international workshop on Computing education research workshop*, pp. 3-14, New York, NY, USA. ACM. DOI:<https://doi.org/10.1145/1584322.1584325> Acceptance rate: 54%
22. Pyla, Pardha S. and Hartson, H. Rex and Pérez-Quiñones, Manuel A. and Arthur, James D. and Smith-Jackson, Tonya L. and Hix, Deborah (2009). "How Do I Evaluate THAT?" Experiences from a Systems-Level Evaluation Effort. In *HCD 09: Proceedings of the 1st International Conference on Human Centered Design*, pp. 292-301, Berlin, Heidelberg. Springer-Verlag.
23. Pyla, Pardha S. and Tungare, Manas and Holman, Jerome and Pérez-Quiñones, Manuel A. (2009). Continuous User Interfaces for Seamless Task Migration. In *Proceedings of the 13th International Conference on Human-Computer Interaction. Part III*, pp. 77-85, Berlin, Heidelberg. Springer-Verlag.
24. Ahuja, Sameer and Pérez-Quiñones, Manuel A. and Kavanaugh, Andrea and Tauro, Candida and Kim, B. J. (2008). Colloki: Rethinking local conversations on the web. In *Directions and Implications of Advanced Computing (DIAC) Conference*, pp. 123-129. University of California, Berkeley.
25. Allevato, Anthony and Thornton, Matthew and Edwards, Stephen H. and Pérez-Quiñones, Manuel A. (2008). Mining data from an automated grading and testing system by adding rich reporting capabilities. In *EMD '08: Proceedings of the 1st International Conference on Educational Data Mining*, pp. 167-176, Montreal, Quebec, Canada. International Educational Data Mining Society.
26. Edwards, Stephen H. and Pérez-Quiñones, Manuel A. (2008). Web-CAT: automatically grading programming assignments. In *ITiCSE '08: Proceedings of the 13th annual conference on Innovation and technology in computer science education*, pp. 328-328, New York, NY, USA. ACM. Acceptance rate: 40%

Manuel A. Pérez Quiñones, D.Sc.

27. Pérez-Quñones, Manuel A. and Tungare, Manas and Pyla, Pardha S. and Harrison, Steve (2008). Personal Information Ecosystems: Design Concerns for Net-Enabled Devices. In *LA-WEB '08: Proceedings of the 2008 Latin American Web Conference*, pp. 3-11, Washington, DC, USA. IEEE Computer Society.
28. Candida Tauro, Sameer Ahuja, Manuel A. Pérez-Quñones, Andrea Kavanaugh, and Philip Isenhour (2008). Deliberation in the wild: a visualization tool for blog discovery and citizen-to-citizen participation. In *dg.o '08: Proceedings of the 2008 international conference on Digital government research*, pp. 143-152. Digital Government Society of North America.
29. Thornton, Matthew and Edwards, Stephen H. and Tan, Roy P. and Pérez-Quñones, Manuel A. (2008). Supporting student-written tests of GUI programs. In *SIGCSE '08: Proceedings of the 39th SIGCSE technical symposium on Computer science education*, pp. 537-541, New York, NY, USA. ACM. Acceptance rate: 31%
30. Turner, Scott A. and Quintana-Castillo, Ricardo and Pérez-Quñones, Manuel A. and Edwards, Stephen H. (2008). Misunderstandings about object-oriented design: experiences using code reviews. In *SIGCSE '08: Proceedings of the 39th SIGCSE technical symposium on Computer science education*, pp. 97-101, New York, NY, USA. ACM. Acceptance rate: 31%
31. Yu, X. and Tungare, Manas and Fan, W. and Pérez-Quñones, Manuel A. and Fox, E. A. and Cameron, W. and Cassel, L. (2008). Using automatic metadata extraction to build a structured syllabus repository. In *Proceedings of the 10th International Conference on Asian Digital Libraries*, pp. 337-346. Springer Berlin / Heidelberg.
32. Andrea Kavanaugh and H.N Kim and Manuel A. Pérez-Quñones and Philip Isenhour (2007). Models of Government Blogging: Design Trade-offs in civic engagement. In *Proceedings of the 3rd International Conference on Communities and Technologies*, pp. 419-438, East Lansing, MI., Surrey, UK: Springer.
33. Ben Congleton and John Booker and Laurian C. Vega and Meg Kurdziolek and Lauren Shupp and Manuel A. Pérez-Quñones (2007). CA3: collaborative annotation of audio in academia. In *ACM-SE 45: Proceedings of the 45th annual southeast regional conference*, pp. 461-466, New York, NY, USA. ACM.
34. Kim, J.B. and Kavanaugh, Andrea and Pérez-Quñones, Manuel A. (2007). Toward a model of political participation among young adults: the role of local groups and ICT use. In *ICEGOV '07: Proceedings of the 1st International Conference on Theory and Practice of Electronic Governance*, pp. 205-212, New York, NY, USA. ACM.
35. M. Tungare and P.S. Pyla and M. Sampat and Manuel A. Pérez-Quñones (2007). Syncables: A Framework to Support Seamless Data Migration Across Multiple Platforms. In *Proceedings of the IEEE International Conference on Portable Information Devices (IEEE Portable)*, pp. 1-5, Orlando, FL. IEEE Computer Society.
36. Manas Tungare, Xiaoyan Yu and William Cameron and GuoFang Teng and Manuel A. Pérez-Quñones and Lillian Cassel and Weiguo Fan and Edward A. Fox (2007). Towards a syllabus repository for computer science courses. In *SIGCSE '07: Proceedings of the 38th SIGCSE technical symposium on Computer science education*, pp. 55-59, New York, NY, USA. ACM. Acceptance rate: 34%

Manuel A. Pérez Quiñones, D.Sc.

37. Manuel A. Pérez-Quiñones and Andrea Kavanaugh and Uma Murthy and Philip Isenhour and Jaideep Godara and Spencer Lee and Alain Fabian (2007). VizBlog: a discovery tool for the blogosphere. In *dg.o '07: Proceedings of the 8th annual international conference on Digital government research*, pp. 314-315. Digital Government Research Center.
38. R. Ravichandar and J.D. Arthur and Manuel A. Pérez-Quiñones (2007). Pre-Requirement Specification Traceability: Bridging the Complexity Gap through Capabilities. In *International Symposium on the Grand Challenges in Traceability (GTC '07)*, pp. 88-97, Lexington, KY.
39. A. Powell and S.C. Turner and M. Tungare and Manuel A. Pérez-Quiñones and S.H. Edwards (2006). An Online Peer Review System. In *Eastern Educational Research Association 2006 Annual Conference*, Hilton Head, SC.
40. A. Powell and S.C. Turner and M. Tungare and Manuel A. Pérez-Quiñones and S.H. Edwards (2006). An Online Peer Review System for Teacher Artifact. In *Proceedings of Society for Information Technology and Teacher Education International Conference, AACE*, pp. 126-133, Chesapeake, VA.
41. Andrea Kavanaugh and Than Than Zin and John M. Carroll and Joseph Schmitz and Manuel A. Pérez-Quiñones and Philip Isenhour (2006). When opinion leaders blog: new forms of citizen interaction. In *dg.o '06: Proceedings of the 2006 international conference on Digital government research*, pp. 79-88, New York, NY, USA. ACM.
42. Ben Keller and Manuel A. Pérez-Quiñones and Ravikiran Vatrappu (2006). Cultural Issues and Opportunities in Computing Education. In *Proceedings of the 9th International Conference on Engineering Education (ICEE)*, pp. R1E14-R1E19, San Juan, PR.
43. Brandon Berry and Laurian Hobby and D. Scott McCrickard and Chris North and Manuel A. Pérez-Quiñones (2006). Making a Case for HCI: Exploring Benefits of Visualization for Case Studies. In *Proceedings of the World Conference on Educational Multimedia/Hypermedia and Educational Telecommunications (ED-MEDIA '06)*, pp. 485-492, Orlando FL.
44. Chandresh Chhatpar and Manuel A. Pérez-Quiñones (2006). Variability of user interaction with multi-platform news feeds. In *ACM-SE 44: Proceedings of the 44th annual Southeast regional conference*, pp. 260-264, New York, NY, USA. ACM.
45. K. Kim and S.C. Turner and Manuel A. Pérez-Quiñones and S.H. Edwards (2006). Note Taking and the Tablet PC. In *Workshop on Impact of Pen-based Technology on Education, WIPTE 2006*, West Lafayette, IN. Purdue University Press.
46. M. Tungare and X. Yu and W. Cameron and G. Teng and Manuel A. Pérez-Quiñones and E. Fox and W. Fan and L. Cassel (2006). Towards a Standardized Representation of Syllabi to Facilitate Sharing and Personalization of Digital Library Content. In *Proceedings of the 4th International Workshop on Applications of Semantic Web Technologies for E-Learning (SW-EL)*.
47. Manas Tungare and Ingrid Burbey and Manuel A. Pérez-Quiñones (2006). Evaluation of a location-linked notes system. In *ACM-SE 44: Proceedings of the 44th annual Southeast regional conference*, pp. 494-499, New York, NY, USA. ACM.
48. Rahul Agarwal and Stephen H. Edwards and Manuel A. Pérez-Quiñones (2006). Designing an adaptive learning module to teach software testing. In *SIGCSE '06: Proceedings of the 37th*

Manuel A. Pérez Quiñones, D.Sc.

SIGCSE technical symposium on Computer science education, pp. 259-263, New York, NY, USA. ACM. Acceptance rate: 35%

49. S. Wahid and S. Bhatia and J. Chong Lee and Manuel A. Pérez-Quiñones and D.S. McCrickard (2006). CaBN: Disparate Information Management through Context-Aware Notifications. In *Proceedings of the 16th International Conference on Computer Theory and Applications (ICCTA 2006)*, pp. 46-49, Alexandria, Egypt.
50. S.H. Edwards and Manuel A. Pérez-Quiñones and M. Phillips and J. RajKumar (2006). Graphing Performance on Programming Assignments to Improve Student Understanding. In *Proceedings of the 9th International Conference on Engineering Education. San Juan, PR, July 23 - 28, 2006*, pp. R1H12-R1H17.
51. W. Humphries and J. Gawrilow and S.C. Turner and Manuel A. Pérez-Quiñones and S.H. Edwards (2006). Helping Students Visualize Their Grade Performance. In *Proceedings of the ASEE Annual Conference 2006*, pp. 11, Chicago, IL.
52. Andrea Kavanaugh and Philip Isenhour and Manuel A. Pérez-Quiñones and Daniel Dunlap (2005). Modeling online participation in local governance. In *dg.o2005: Proceedings of the 2005 national conference on Digital government research*, pp. 63-64. Digital Government Research Center.
53. Hussein Vastani and Stephen Edwards and Manuel A. Pérez-Quiñones (2005). Supporting On-line Direct Markup and Evaluation of Students' Projects. In *Proceedings of the ASEE Annual Conference 2005*, pp. 13595-13608. American Society for Engineering Education.
54. J. Chen and M.A. Narayan and Manuel A. Pérez-Quiñones (2005). The use of hand-held devices for search tasks in virtual environments. In *Proceedings of the IEEE VR2005 Workshop on New Directions in 3DUI*, pp. 15-18. IEEE Computer Society.
55. Manuel A. Pérez-Quiñones and Olga I. Padilla-Falto and Kathleen McDevitt (2005). Automatic language translation for user interfaces. In *TAPIA '05: Proceedings of the 2005 conference on Diversity in computing*, pp. 60-63, New York, NY, USA. ACM.
56. Robert G. Capra and Manuel A. Pérez-Quiñones (2005). Mobile refinding of web information using a voice interface: an exploratory study. In *CLIHC '05: Proceedings of the 2005 Latin American conference on Human-computer interaction*, pp. 88-99, New York, NY, USA. ACM.
57. Rode, J and Bhardwaj, Y and Manuel A. Pérez-Quiñones and Rosson, MB and Howarth, J (2005). As Easy as Click: End-User Web Engineering.. In *The 5th International Conference on Web Engineering (ICWE2005). July 25-29, 2005, Sydney, Australia. Available as Lecture Notes in Computer Science, Volume 3579, Jul 2005, Springer-Verlag GmbH*, pp. 478 - 488, Sydney, Australia.
58. Tracy L. Lewis and J. D. Chase and Manuel A. Pérez-Quiñones and Mary Beth Rosson (2005). The effects of individual differences on CS2 course performance across universities. In *SIGCSE '05: Proceedings of the 36th SIGCSE technical symposium on Computer science education*, pp. 426-430, New York, NY, USA. ACM. Acceptance rate: 32%
59. Jochen Rode and Mary Beth Rosson and Manuel A. Pérez-Quiñones (2004). End-Users' Mental Models of Concepts Critical to Web Application Development. In *VLHCC '04: Proceedings of the 2004 IEEE Symposium on Visual Languages - Human Centric Computing (VLHCC'04)*, pp. 215-222, Washington, DC, USA. IEEE Computer Society.

Manuel A. Pérez Quiñones, D.Sc.

60. Lillian N. Cassel and Edward A. Fox and JAN Lee and Manuel A. Pérez-Quiñones and Deborah Knox and John Impagliazzo and Lee Giles (2004). Using CITIDEL to develop and share class plans. In *ITiCSE '04: Proceedings of the 9th annual SIGCSE conference on Innovation and technology in computer science education*, pp. 270-270, New York, NY, USA. ACM.
61. Pardha S. Pyla and Manuel A. Pérez-Quiñones and James D. Arthur and H. Rex Hartson (2004). What We Should Teach, but Don't: Proposal for a Cross Pollinated HCI-SE Curriculum. In *Proceedings of ASEE/IEEE Frontiers in Education Conference*, pp. S1H17-S1H22. IEEE Computer Society.
62. Peter DePasquale and John A. N. Lee and Manuel A. Pérez-Quiñones (2004). Evaluation of subsetting programming language elements in a novice's programming environment. In *SIGCSE '04: Proceedings of the 35th SIGCSE technical symposium on Computer science education*, pp. 260-264, New York, NY, USA. ACM. Acceptance rate: 28%
63. Saverio Perugini and Kathleen McDevitt and Ryan Richardson and Manuel A. Pérez-Quiñones and Rao Shen and Naren Ramakrishnan and Chris Williams and Edward A. Fox (2004). Enhancing usability in CITIDEL: multimodal, multilingual, and interactive visualization interfaces. In *JCDL '04: Proceedings of the 4th ACM/IEEE-CS joint conference on Digital libraries*, pp. 315-324, New York, NY, USA. ACM Press. Acceptance rate: 24%
64. Tracy L. Lewis and Manuel A. Pérez-Quiñones and Mary Beth Rosson (2004). A Comprehensive Analysis Of Object-Oriented Design: Towards A Measure Of Assessing Design Ability. In *Proceedings of ASEE/IEEE Frontiers in Education Conference*, pp. S3H16-S3H21. IEEE Computer Society.
65. Tracy L. Lewis and Mary Beth Rosson and Manuel A. Pérez-Quiñones (2004). What do the experts say?: teaching introductory design from an expert's perspective. In *SIGCSE '04: Proceedings of the 35th SIGCSE technical symposium on Computer science education*, pp. 296-300, New York, NY, USA. ACM. Acceptance rate: 28%
66. C. Chhatpar and Manuel A. Pérez-Quiñones (2003). Dialogue Mobility Across Devices. In *Proceedings of the ACM Southeast Conference (ACMSE 2003)*. ACM Press.
67. I. Vargas and J. Borges and Manuel A. Pérez-Quiñones (2003). Usability Study of an Object-Based Undo Facility. In *Proceedings of the Tenth International Conference on Human-Computer Interaction*, pp. 589-593. Lawrence Erlbaum Associates.
68. J.A.N. Lee and J. Impagliazzo and L.N. Cassel and E.A. Fox and C.L. Giles and D. Knox and Manuel A. Pérez-Quiñones (2003). Enhancing distance learning using quality digital libraries and CITIDEL. In *Quality Education at a Distance - IFIP Distance Learning Conference*, pp. 61-71, Deakin University, Geelong, Australia.
69. Manuel A. Pérez-Quiñones and Robert G. Capra and Zhiyan Shao (2003). The Ears Have It: A Task by Information Structure Taxonomy for Voice Access to Web Pages. In *Proceedings Human-Computer Interaction Interact '03*, pp. 856-859. IOS Press: Amsterdam.
70. R.G. Capra and Michael Narayan and Saverio Perugini and Naren Ramakrishnan and Manuel A. Pérez-Quiñones (2003). The Staging Transformation Approach to Mixing Initiative. In *18th International Joint Conference on Artificial Intelligence, Workshop on Mixed-Initiative Intelligent Systems*, pp. 23-29. AAAI/MIT Press.

Manuel A. Pérez Quiñones, D.Sc.

71. Zhiyan Shao and Robert G. Capra and Manuel A. Pérez-Quiñones (2003). Transcoding HTML to VoiceXML Using Annotations. In *Proceedings Fifteenth International Conference on Tools with Artificial Intelligence (IEEE ICTAI 03)*, pp. 249-258. IEEE Computer Society Press: California, USA.
72. M.F. Ali and Manuel A. Pérez-Quiñones and M. Abrams and E. Shell (2002). Building Multi-Platform User Interfaces with UIML. In *Proceedings of Computer-Assisted Design of User Interfaces (CADUI) 2002*, pp. 255-266.
73. Mir Farooq Ali and Manuel A. Pérez-Quiñones (2002). Using task models to generate multi-platform user interfaces while ensuring usability. In *CHI '02 extended abstracts on Human factors in computing systems*, pp. 670-671. ACM Press.
74. Naren Ramakrishnan and Robert G. Capra, III and Manuel A. Pérez-Quiñones (2002). Mixed-initiative interaction = mixed computation. In *PEPM '02: Proceedings of the 2002 ACM SIGPLAN workshop on Partial evaluation and semantics-based program manipulation*, pp. 119-130, New York, NY, USA. ACM.
75. J.X. Elías-Colón and Manuel A. Pérez-Quiñones and R. Ferreira (2001). Effects of Face-Threatening Acts in Human-Computer Dialogues. In *Proceedings of the 42nd Human-Factors and Ergonomics Society (HFES)*, pp. 657-661, Minneapolis, MN.
76. Robert G. Capra and Manuel A. Pérez-Quiñones and Naren Ramakrishnan (2001). WebContext: remote access to shared context. In *Proceedings of the 2001 workshop on Perceptive user interfaces*, pp. 1-9. ACM Press.
77. A.A. Irizarry-Rivera and Manuel A. Pérez-Quiñones and R.P. Darken (1999). Using Virtual Worlds to Explore Electric Power Grids and Plants. In *Proceedings of 29th ASEE/IEEE Conference Frontiers in Education*, pp. 13d23-13d27. IEEE Computer Society.
78. J.H. Trespalacios and Manuel A. Pérez-Quiñones (1999). Teaching Functions to Pre-Calculus Students: An Electronic-Workbook. In *Proceedings of 29th ASEE/IEEE Conference Frontiers in Education*, pp. 12d519-12d524. IEEE Computer Society.
79. M. Vélez-Reyes and Manuel A. Pérez-Quiñones and J.L. Cruz-Rivera (1999). The Industrial Affiliates Program at the University of Puerto Rico Mayagüez. In *Proceedings of 29th ASEE/IEEE Conference Frontiers in Education*, pp. 13c513-13c518. IEEE Computer Society.
80. Manuel A. Pérez-Quiñones (1999). Empowering minorities to help minorities: the Puerto Rico Online Educational Software Initiative. In *Proceedings of 29th ASEE/IEEE Conference Frontiers in Education*, pp. 12B917-12B919. IEEE Computer Society.
81. Manuel A. Pérez-Quiñones and J.L. Cruz-Rivera (1999). Integrated Development Environment for a Microcontroller Systems Laboratory. In *Proceedings of 29th ASEE/IEEE Conference Frontiers in Education*, pp. 12C611-12C616. IEEE Computer Society.
82. D. Novick and Manuel A. Pérez-Quiñones (1998). Cooperating with computers: Abstracting from action to situated acts. In *Proceedings of the Ninth European Conference on Cognitive Ergonomics (ECCE-9)*, pp. 49-54.
83. Manuel A. Pérez-Quiñones (1998). Teaching history of programming languages to undergraduate students. In *FIE '98: Proceedings of the 28th Annual Frontiers in Education*, pp. 301-306, Washington, DC, USA. IEEE Computer Society.

Manuel A. Pérez Quiñones, D.Sc.

84. Stephanie S. Everett and Kenneth Wauchope and Manuel A. Pérez-Quiñones (1998). Creating Natural Language Interfaces to VR Systems: Experiences, Observations and Lessons Learned. In *Proceedings of the 4th International Conference on Virtual Systems and Multimedia (VSMM98)*, pp. 469-474. IOS Press, Burke, VA.
85. José A. Borges and Manuel A. Pérez-Quiñones and Néstor J. Rodríguez (1997). HCI education and research at the University of Puerto Rico-Mayagüez. In *CHI '97: CHI '97 extended abstracts on Human factors in computing systems*, pp. 89-90, New York, NY, USA. ACM.
86. Manuel A. Pérez-Quiñones and J.L. Sibert (1997). Modular Dialogue Units: A Software Architecture for Programming Human-Computer Dialogues. In *Proceedings of the Seventh International Conference on Human-Computer Interaction 1997*, pp. 355-358.
87. Manuel A. Pérez-Quiñones and José L. Cruz-Rivera (1997). Experiences in Conducting Web-based, Paperless Undergraduate Software and Hardware Design Courses. In *Proceedings of the ASEE/IEEE Frontiers in Education Conference*. IEEE Computer Society.
88. Pérez-Quiñones, Manuel A. (1997). Another Interpreter-Based Approach to the Programming Language Course. In *ADMI '97 - Increasing Diversity in Research and Education*, Washington DC.
89. Stephanie S. Everett and Kenneth Wauchope and Manuel A. Pérez-Quiñones (1997). A spoken language interface to a virtual reality system (Video). In *Proceedings of the fifth conference on Applied natural language processing*, pp. 36-37. Morgan Kaufmann Publishers Inc..
90. Manuel A. Pérez-Quiñones and John L. Sibert (1996). A collaborative model of feedback in human-computer interaction. In *CHI '96: Proceedings of the SIGCHI conference on Human factors in computing systems*, pp. 316-323, New York, NY, USA. ACM. Acceptance rate: 21%
91. Michael B. Feldman and Charles W. Kann and Arthur Vargas Lopes and Manuel A. Pérez-Quiñones (1995). GW-Ada/Ed: free Ada 83 development environments for IBM PC-compatible and Apple Macintosh computers. In *TRI-Ada '95: Proceedings of the conference on TRI-Ada '95*, pp. 446-454, New York, NY, USA. ACM.
92. James A. Ballas and Constance L. Heitmeyer and Manuel A. Pérez-Quiñones (1992). Evaluating two aspects of direct manipulation in advanced cockpits. In *CHI '92: Proceedings of the SIGCHI conference on Human factors in computing systems*, pp. 127-134, New York, NY, USA. ACM. Acceptance rate: 31%
93. J.A. Ballas and C.L. Heitmeyer and M.A. Pérez (1991). Interface Styles for Adaptive Automation. In *Proceedings of the Sixth International Symposium on Aviation Psychology*, pp. 108-113, Columbus, Ohio. The Ohio State University.
94. J.A. Ballas and C.L. Heitmeyer and Manuel A. Pérez-Quiñones (1991). Interface styles for the intelligent cockpit: Factors influencing automation deficit. In *Proceedings of the 8th AIAA Computers in Aerospace Conference*, pp. 651-667.
95. Michael B. Feldman and Arthur Vargas Lopes and Manuel A. Pérez-Quiñones (1990). Small-Ada: personal computer courseware for studying concurrent programming. In *Proceedings of the twenty-first SIGCSE technical symposium on Computer science education*, pp. 206-211. ACM Press.

Short papers, Panels, Magazine publications, Posters, and Workshop Participation

Short papers and workshop participations, accepted based on a peer review process.

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1. Manuel Pérez-Quiñones. 2021. *Common membership across SIGs*. SIGCSE Bull. 53, 2 (April 2021), 3. doi: <https://doi.org/10.1145/3466995.3466996>
2. Martin, Florence & Shanley, Nicole & Hite, Nicole & Pérez-Quiñones, M. & Ahlgrim-Delzel, Lynn & Pugalee, David & Hart, Ellen. (2021). *High School Teachers Teaching Programming Online: Instructional Strategies Used and Challenges Faced*. Published in CS4ALL National Meeting https://www.researchgate.net/publication/356148838_High_School_Teachers_Teaching_Programming_Online_Instructional_Strategies_Used_and_Challenges_Faced
3. Consuelo C. Salas, Laura Gonzales, Carlos Evia and M. A. Pérez-Quiñones, *Ideology of monolingualism: How ignoring bilingualism makes society less inclusive*, 2021 Conference on Research in Equitable and Sustained Participation in Engineering, Computing, and Technology (RESPECT), 2021, pp. 1-2, doi: 10.1109/RESPECT51740.2021.9620562.
4. Manuel Pérez-Quiñones and Consuelo Carr Salas. 2021. *How the ideology of monolingualism drives us to monolingual interaction*. interactions 28, 3 (May - June 2021), 66–69. doi: <https://doi.org/10.1145/3457871>
5. Colleen M. Lewis, Kathi Fisler, Jenny Hinz, David J. Malan, Joshua E. Paley, M. A. Pérez-Quiñones, and Shikha Singh. 2021. *Microteaching: Semantics, Definition of a Computer, Running Times, Fractal Trees, Classes as Encapsulation, and P vs NP*. Proceedings of the 52nd ACM Technical Symposium on Computer Science Education. ACM, New York, NY, USA, 766–767. doi: <https://doi.org/10.1145/3408877.3432582>
6. Kristin Stephens-Martinez, M. A. Pérez-Quiñones, Nicki Washington, and Leigh Ann DeLyser. 2021. *Where Should We Go From Here? Eliminating Inequities In CS Education, Featuring Guests From The CS-Ed Podcast*. Proceedings of the 52nd ACM Technical Symposium on Computer Science Education. ACM, New York, NY, USA, 315–316. doi: <https://doi.org/10.1145/3408877.3432566>
7. Syeda Fatema Mazumder and M. A. Pérez-Quiñones. 2021. *Eliciting A Novice Programmer's Mental Model of Arrays*. Proceedings of the 52nd ACM Technical Symposium on Computer Science Education. ACM, New York, NY, USA, 1302. doi: <https://doi.org/10.1145/3408877.3439647>
8. Manuel A. Pérez-Quiñones. 2020. *How Can Computer Science Education Address Inequities*. In Proceedings of the 26th ACM SIGKDD International Conference on Knowledge Discovery & Data Mining (KDD '20). Association for Computing Machinery, New York, NY, USA, 3581. DOI:<https://doi.org/10.1145/3394486.3411063>
9. Jeffrey Miller, Karen C. Davis, Brandeis Marshall, Nicki Washington, Manuel A. Pérez-Quiñones, Leo Porter, and Juan E. Gilbert. 2020. *As a CS educator, how do you think we can address inequity issues that exist in the field?* SIGCSE Bull. 52, 3 (July 2020), 7–10. DOI:<https://doi.org/10.1145/3419040.3419046>
10. Syeda Fatema Mazumder, Celine Latulipe, and Manuel A. Pérez-Quiñones. 2020. *Diagramming Encouragement in CS1 Textbooks*. In Proceedings of the 2020 ACM Conference on Innovation and Technology in Computer Science Education (ITiCSE '20). Association for Computing Machinery, New York, NY, USA, 554. DOI:<https://doi.org/10.1145/3341525.3393976>

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11. Syeda Fatema Mazumder, Celine Latulipe, and Manuel A. Pérez-Quiñones. 2020. *Are Variable, Array, and Object Diagrams in Introductory Java Textbooks Explanative?* In Proceedings of the 51st ACM Technical Symposium on Computer Science Education (SIGCSE '20). Association for Computing Machinery, New York, NY, USA, 1383. DOI:<https://doi.org/10.1145/3328778.3372660>
12. Manuel A. Pérez-Quiñones. 2019. *SIGCE technical symposium programming languages mentions by decade*. SIGCSE Bull. 51, 2 (April 2019), 4–5. DOI:<https://doi.org/10.1145/3329103.3329105>
13. Elizabeth K. Hawthorne, Manuel A. Pérez-Quiñones, Sarah Heckman, and Jian Zhang. 2019. *SIGCSE technical symposium 2019 report*. SIGCSE Bull. 51, 2 (April 2019), 2–4. DOI:<https://doi.org/10.1145/3329103.3329104>
14. Mary Hall, Richard Ladner, Diane Levitt, Manuel A. Pérez Quiñones, and Saurabh Bagchi. 2019. *Broadening Participation in Computing Is Easier Than You Think*. Commun. ACM 62, 3 (March 2019), 8–9. DOI:<https://doi.org/10.1145/3303708>
15. Elizabeth K. Hawthorne and Manuel A. Pérez-Quiñones. 2019. *SIGCSE 2019 preview*. SIGCSE Bull. 51, 1 (January 2019), 2. DOI:<https://doi.org/10.1145/3310216.3310217>
16. Sarah Heckman, Jian Zhang, Manuel A. Pérez-Quiñones, and Elizabeth K. Hawthorne. 2018. *What is a SIGCSE symposium paper?* SIGCSE Bull. 50, 3 (July 2018), 3. DOI:<https://doi.org/10.1145/3243071.3243073>
17. Manuel A. Perez-Quinones and Elizabeth K. Hawthorne. 2017. *Multiple paper types for SIGCSE 2018*. SIGCSE Bull. 49, 3 (July 2017), 7. DOI:<https://doi.org/10.1145/3129166.3129172>
18. Manuel A. Pérez-Quiñones. 2017. *Manuel A. Pérez Quiñones*. interactions 24, 2 (March + April 2017), 14–15. DOI:<https://doi.org/10.1145/3044715>
19. Manuel A. Pérez Quiñones. 2015. *Teaching low-fidelity interactive prototyping using handhelds*. ACM Inroads 6, 4 (December 2015), 52–53. DOI:<https://doi.org/10.1145/2822906>
20. Sheriff Jolaoso and Manuel A. Perez-Quinones. 2015. *TaskAmbient: A Study in Personal Task Management Visualization*. In Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems (CHI EA '15). Association for Computing Machinery, New York, NY, USA, 1797–1802. DOI:<https://doi.org/10.1145/2702613.2732890>
21. Yao Wang and Manuel A. Perez-Quinones. 2015. *Beyond "Geofencing": Specifying Location in Location-Based Reminder Applications*. In Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems (CHI EA '15). Association for Computing Machinery, New York, NY, USA, 1767–1772. DOI:<https://doi.org/10.1145/2702613.2732780>
22. Yao Wang and Manuel A. Pérez-Quiñones. 2014. *Exploring the role of prospective memory in location-based reminders*. In Proceedings of the 2014 ACM International Joint Conference on Pervasive and Ubiquitous Computing: Adjunct Publication (UbiComp '14 Adjunct). Association for Computing Machinery, New York, NY, USA, 1373–1380. DOI:<https://doi.org/10.1145/2638728.2641718>
23. Carlos Evia, Michael Stewart, Tim Lockridge, Siroberto Scerbo, and Manuel Perez-Quiñones. 2012. *Structured authoring meets technical comics in techcommix*. In Proceedings of the 30th ACM international conference on Design of communication (SIGDOC '12). Association for

Manuel A. Pérez Quiñones, D.Sc.

Computing Machinery, New York, NY, USA, 353–354. DOI:<https://doi.org/10.1145/2379057.2379123>

24. Blake Sawyer, Francis Quek, Wai Choong Wong, Mehul Motani, Sharon Lynn Chu Yew Yee, and Manuel Perez-Quinones. 2012. *Using physical-social interactions to support information re-finding*. In CHI '12 Extended Abstracts on Human Factors in Computing Systems (CHI EA '12). Association for Computing Machinery, New York, NY, USA, 885–910. DOI:<https://doi.org/10.1145/2212776.2212861>
25. Ben Hanrahan, Sameer Ahuja, Manuel Perez-Quinones, and Andrea Kavanaugh. 2011. *Evaluating software for communities using social affordances*. In CHI '11 Extended Abstracts on Human Factors in Computing Systems (CHI EA '11). Association for Computing Machinery, New York, NY, USA, 1621–1626. DOI:<https://doi.org/10.1145/1979742.1979818>
26. B. Hanrahan, R. Quintana-Castillo, M. Stewart and M. A. Pérez-Quiñones (2010). *WikiAtoms: Contributions to Wikis as Atomic Units*. In *Workshop: Collective Intelligence in Organizations (Clorg)*. 16th ACM International Conference on Supporting Group Work (GROUP 2010), New York, NY, USA. ACM.
27. M. Tungare, B. Hanrahan, R. Quintana-Castillo, M. Stewart and M.A. Pérez-Quiñones (2010). *Collaborative Human Computation as a Means of Information Management*. In *2nd International Workshop on Collaborative Information Seeking at The 2010 ACM Conference on Computer Supported Cooperative Work*, New York, NY, USA. ACM.
28. M. Tungare, M. A. Pérez-Quiñones, P. S. Pyla, B. Hanrahan, U. Murthy, R. Quintana-Castillo (2010). *Sustainability of Bits, not just Atoms*. *Workshop: Examining Appropriation, Re-use, and Maintenance for Sustainability*. In *CHI '10: Proceedings of the 27th International Conference Extended Abstracts on Human Factors in Computing Systems*, New York, NY, USA. ACM.
29. P. S. Pyla, C. Grevet, M. Tungare, M. A. Pérez-Quiñones (2010). *From Research Hypotheses to Practical Guidelines: A Proposal to Facilitate Researcher-Practitioner Interaction*. In *CHI '10: Proceedings of the 27th international conference extended abstracts on Human factors in computing systems*, New York, NY, USA. ACM.
30. A. Kavanaugh, M. A. Pérez-Quiñones, J. Tedesco, W. Sanders, F. Casalegno (2009). *The Use of Social Media in the Virtual Town Square*. In *NSF Workshop on Social Media and Government*.
31. Sameer Ahuja, Manuel A. Pérez-Quiñones, and Andrea Kavanaugh. 2009. *Local conversations 2.0*. In *Proceedings of the 10th Annual International Conference on Digital Government Research: Social Networks: Making Connections between Citizens, Data and Government (dg.o '09)*. Digital Government Society of North America, 311–312.
32. Manas Tungare and Manuel A. Pérez-Quiñones. 2009. *Mental workload in multi-device personal information management*. In CHI '09 Extended Abstracts on Human Factors in Computing Systems (CHI EA '09). Association for Computing Machinery, New York, NY, USA, 3431–3436. DOI:<https://doi.org/10.1145/1520340.1520498>
33. Manas Tungare and Manuel A. Pérez-Quiñones. 2009. *You scratch my back and i'll scratch yours: combating email overload collaboratively*. In CHI '09 Extended Abstracts on Human Factors in Computing Systems (CHI EA '09). Association for Computing Machinery, New York, NY, USA, 4711–4716. DOI:<https://doi.org/10.1145/1520340.1520725>

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34. Stephen H. Edwards and Manuel A. Perez-Quinones. 2008. *Web-CAT: automatically grading programming assignments*. In Proceedings of the 13th annual conference on Innovation and technology in computer science education (ITiCSE '08). Association for Computing Machinery, New York, NY, USA, 328. DOI:<https://doi.org/10.1145/1384271.1384371>
35. Tauro, C., Ahuja, S., Pérez-Quiñones, M.A., Kavanaugh, A., Isenhour, P. (2008). *VizBlog: Discovering Conversations in the Blogosphere*. In Directions and Implications of Advanced Computing Conference on Online Deliberation (DIAC-2008/OD2008). University of California, Berkeley.
36. Tungare, M. and Pérez-Quiñones, M.A. (2008). *Thinking Outside the (Beige) Box: Personal Information Management Beyond the Desktop*. In 3rd Invitational Workshop on Personal Information Management, PIM 2008. In CHI '08 Extended Abstracts on Human Factors in Computing Systems, New York, NY, USA. ACM.
37. Robert Ball and Pardha Pyla and Manuel A. Pérez-Quiñones (2007). *OSI and ET: originating source of information and evidence traceability*. In CHI '07: CHI '07 extended abstracts on Human factors in computing systems, pp. 2261-2266, New York, NY, USA. ACM.
38. Xiaoyan Yu and Manas Tungare and Weiguo Fan and Manuel A. Pérez-Quiñones and Edward A. Fox and William Cameron and GuoFang Teng and Lillian Cassel (2007). *Automatic syllabus classification*. In JCDL '07: Proceedings of the 2007 conference on Digital libraries, pp. 440-441, New York, NY, USA. ACM.
39. Andrea Kavanaugh and Manuel A. Pérez-Quiñones and Daniel Dunlap and Philip Isenhour (2006). *Modeling online participation in local governance*. In dg.o '06: Proceedings of the 2006 international conference on Digital government research, pp. 408-409, New York, NY, USA. ACM.
40. Manas Tungare and Pardha S. Pyla and Miten Sampat and Manuel A. Pérez-Quiñones (2006). *Defragmenting Information using the Syncables Framework*. In Proceedings of the 2nd Invitational Workshop on Personal Information Management at SIGIR 2006.
41. Manuel A. Pérez-Quiñones and E. Fox and L. Cassel and W. Fan (2006). *Work in Progress: Personalizing a Course Website Using the NSDL*. In Proceedings of the 36th Annual Frontiers in Education Conference, San Diego, California. IEEE Computer Society.
42. Pardha S. Pyla and Manas Tungare and Manuel A. Pérez-Quiñones (2006). *Multiple User Interfaces: Why Consistency is Not Everything, and Seamless Task Migration is Key*. In Proceedings of the CHI 2006 Workshop on The Many Faces of Consistency in Cross-Platform Design.
43. Seungwon Yang and Ben Congleton and George Luc and Manuel A. Pérez-Quiñones and Edward A. Fox (2006). *Demonstrating the use of a SenseCam in two domains*. In JCDL '06: Proceedings of the 6th ACM/IEEE-CS joint conference on Digital libraries, pp. 376-376, New York, NY, USA. ACM.
44. U. Murthy, I. Burbey, G. Kwon, N. Polys, P. Vincent, and M.A. Pérez-Quiñones (2006). *Re-finding from a Human Information Processing Perspective*. In Workshop on Personal Information Management, ACM SIGIR Conference, New York, NY, USA. ACM.
45. D. Scott McCrickard and Doug A. Bowman and Chris North and Manuel A. Pérez-Quiñones (2003). *Center for Human-Computer Interaction at Virginia Tech*. In Proceedings Human-Computer Interaction Interact '03, pp. 1061-1062. IOS Press: Amsterdam.

Manuel A. Pérez Quiñones, D.Sc.

46. P.S. Pyla and M.A. Pérez-Quiñones and J.D. Arthur and H.R. Hartson (2003). *Towards a Model-Based Framework for Integrating Usability and Software Engineering Life Cycles*. In Proceedings of Interact 2003. IOS Press: Amsterdam.
47. Manuel A. Pérez-Quiñones and John L. Sibert (1996). *Negotiating user-initiated cancellation and interruption requests*. In CHI '96: Conference companion on Human factors in computing systems, pp. 267-268, New York, NY, USA. ACM.
48. Manuel A. Pérez-Quiñones (1995). *Conversational dialogue in graphical user interfaces: interaction technique feedback and dialogue structure*. In CHI '95: Conference companion on Human factors in computing systems, pp. 71-72, New York, NY, USA. ACM.
49. Manuel A. Pérez-Quiñones and R.J.K. Jacob (1994). *A UIMS Architecture for Focus Processing in a Graphical User Interface*. In AAAI 1994 Spring Symposium Series: Intelligent Multi-Media Multi-Modal Systems Workshop.
50. Manuel A. Pérez-Quiñones and John L. Sibert (1993). *Focus in graphical user interfaces*. In IUI '93: Proceedings of the 1st international conference on Intelligent user interfaces, pp. 255-257, New York, NY, USA. ACM.

Book chapters and reports

1. National Academies of Sciences, Engineering, and Medicine 2021. *Transforming Trajectories for Women of Color in Tech*. Washington, DC: The National Academies Press. <https://doi.org/10.17226/26345>
2. Ron Metoyer, Manuel Pérez Quiñones, Anastasia Bazerianos, Jonathan Woodring (2019). Retention. Published in book *Diversity in Visualization*, pp.39-52, 2019, R. Metoyer, K. Gaiter (Eds.). Morgan & Claypool Publishers (series on Synthesis Lectures on Visualization), doi: <https://www.morganclaypool.com/doi/10.2200/S00894ED1V01Y201901VIS010>
3. Jones, William; Dinneen, Jesse David; Capra, Robert; Diekema, Anne R; Pérez-Quiñones, Manuel A (2017). "Personal Information Management (PIM)". In Clark, M., McDonald, J. (ed.). *Encyclopedia of Library and Information Science* (4 ed.). Taylor & Francis. p. 3590.
4. Ben Hanrahan, Manuel A. Pérez-Quiñones, Ankit Ahuja (2016) Contextinator: Addressing Information Fragmentation with a Web-based Project Manager, due to appear in Volume 226 of the Lecture Notes in Business Information Processing series.
5. Manuel A. Pérez-Quiñones, (2011). Teaching the principles of web 2.0 to computer science students. In *Teaching with technology*, Eds: G. Christopher Clark, Sherry A. Clouser, pp. 13-1 - 13-6. Learning Technology Consortium.
6. A. Kavanaugh, M.A. Pérez-Quiñones, J. Tedesco and W. Sanders, (2009). Toward a Virtual Town Square in the Era of Web 2.0. In *Handbook of Internet Research*, Eds: Jeremy Hunsinger, Lisbeth Klastrup and Matthew Allen, pp. 279-294. Surrey, UK: Springer.
7. Ahuja, Sameer and Pérez-Quiñones, Manuel A. and Kavanaugh, Andrea, (2009). Rethinking local conversations on the web. In *Online deliberation: design, research and practice*, Eds: Tood Davies, Seeta Peña-Gangadharan, pp. 123-132. CSLI Publications.

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8. X. Yu, M. Tungare, W. Fan, Y. Yuan, M.A. Pérez-Quiñones, E.A. Fox, W. Cameron, L. Cassel, (2009). Automatic Syllabus Classification using Support Vector Machines. In *Handbook of Research on Text and Web Mining Technologies*, Eds: Min Song and Yi-Fang Brook Wu, pp. 61-74. IGI Global.
9. X. Yu, M. Tungare, W. Fan, M. Pérez-Quiñones, E.A. Fox, W. Cameron, L. Cassel, (2008). Automatic Genre-specific Text Classification. In *Encyclopedia of Data Warehousing and Mining, 2nd Edition*, Eds: John Wang, pp. 120-127. IGI Global.
10. Jaime Teevan and Robert G. Capra, III and Manuel A. Pérez-Quiñones, (2007). How People Find Personal Information. In *Personal Information Management*, Eds: William Jones and Jaime Teevan, pp. 22-34. University of Washington Press.
11. J. Rode and M.B. Rosson and Manuel A. Pérez-Quiñones, (2006). End User Development of Web Applications. In *End-User Development*, Eds: Henry Lieberman and Fabio Paterno and Volker Wulf, pp. 161-182. Kluwer Academic Publishers.
12. P.S. Pyla and Manuel A. Pérez-Quiñones and J.D. Arthur and H.R. Hartson, (2006). Ripple: An Event Driven Design Representation Framework For Integrating Usability and Software Engineering Life Cycles. In *Human-Centered Software Engineering: Integrating Usability in the Development Process*, Eds: Ahmed Seffah and Jan Gulliksen and Michel Desmarais, pp. 245-265. Kluwer HCI series.
13. Mir Farooq Ali and Manuel A. Pérez-Quiñones and Marc Abrams, (2004). Building Multi-Platform User Interfaces with UIML. In *Multiple User Interfaces*, Eds: Javahery, H. and Seffah, A., pp. 95-118. John Wiley & Sons.
14. E.A. Fox and M.A. Goncalves and M. Luo and Y. Chen and A. Krowne and B. Zhang and K. McDevitt and Manuel A. Pérez-Quiñones and L.N. Cassel, (2003). Harvesting: Broadening the Field of Distributed Information Retrieval. In *Lecture Notes in Computer Science*, Eds: Jamie Callan and Fabio Crestani and Mark Sanderson, pp. 1-20. Springer Verlag.
15. Manuel A. Pérez-Quiñones, (2000). El Internet: World Wide Web y el Correo Electrónico. In *Guía de Consulta para el Personal de Oficina*, Eds: Josefina Quiñones de Pérez and María E. Acosta de Escudero, pp. 534-560. Publicaciones Puertorriqueñas, Inc.

Panel Participations

Participation in panels at national or regional conferences.

1. Kristin Stephens-Martinez, M. A. Pérez-Quiñones, Nicki Washington, and Leigh Ann DeLyser. 2021. *Where Should We Go From Here? Eliminating Inequities In CS Education, Featuring Guests From The CS-Ed Podcast*. Proceedings of the 52nd ACM Technical Symposium on Computer Science Education. ACM, New York, NY, USA, 315–316. doi: <<https://doi.org/10.1145/3408877.3432566>>
2. Consuelo C. Salas, Laura Gonzales, Carlos Evia and M. A. Pérez-Quiñones, *Ideology of monolingualism: How ignoring bilingualism makes society less inclusive*, 2021 Conference on Research in Equitable and Sustained Participation in Engineering, Computing, and Technology (RESPECT), 2021, pp. 1-2, doi: 10.1109/RESPECT51740.2021.9620562.
3. John DeNero, Sumukh Sridhara, Manuel Pérez-Quiñones, Aatish Nayak, and Ben Leong. 2017. Beyond Autograding: Advances in Student Feedback Platforms. In Proceedings of the 2017 ACM

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- SIGCSE Technical Symposium on Computer Science Education (SIGCSE '17). Association for Computing Machinery, New York, NY, USA, 651–652. DOI:<https://doi.org/10.1145/3017680.3017686>
4. Daniel D. Garcia, Eric Allatta, Manuel Pérez-Quiñones, and Jeff Solin. 2015. Technology We Can't Live Without! In Proceedings of the 46th ACM Technical Symposium on Computer Science Education (SIGCSE '15). Association for Computing Machinery, New York, NY, USA, 597–598. DOI:<https://doi.org/10.1145/2676723.2677336>
 5. Diversity Among Hispanics - Who are We and How Can We Get Out of the Shallow End? Manuel A. Pérez-Quiñones, Carlos Evia, Jane Margolis, Nayda G. Santiago, Patricia Ordóñez (2014) Panel at the ACM Richard Tapia Celebration of Diversity in Computing Conference, February 5-8, 2014, Seattle, WA.
 6. Wendy M. DuBow, Ignatios Vakalis, Manuel A. Perez-Quinones, and Jason T. Black. 2013. Growing female undergraduate enrollments in computer science: some successful approaches. In Proceeding of the 44th ACM technical symposium on Computer science education (SIGCSE '13). Association for Computing Machinery, New York, NY, USA, 377–378. DOI:<https://doi.org/10.1145/2445196.2445306>
 7. Mentoring for Diversity, Freeman Hrabowski, Maria Klawe, Manuel A. Pérez-Quiñones, and Mary Lou Soffa. Grace Hopper Conference, October 2012, Baltimore, MD.
 8. Getting Latinos a Place at the Table: importance of Science, Technology and Health Education, Karen D. Hendricks-Muñoz, Manuel A. Pérez-Quiñones. VALHEN Encuentro 2012, October 11, 2012.
 9. Building Bridges and Breaking Barriers: Panel on Diversity and Inclusion in Computer Science Education. Panelists: Margaret Dickey-Kurdziolek, Manuel A. Pérez-Quiñones, Stephanie Ludi, Amy Csizmar Dalal, Bonnie MacKellar, and Megan Olsen. 2010 Grace hopper Celebration of Women in Computing, September 28 - October 2, 2010, Atlanta, GA.
 10. Choosing the Administrative Path. Leaders: M. Brian Blake, Juan E. Gilbert, Manuel A. Pérez-Quiñones, Andrew B. Williams, and Tracy Camp. 2011 Ricard Tapia Celebration of Diversity in Computing Conference, San Francisco, CA, April 3-6, 2011.
 11. Dick Gayler, David Klappholz, Valerie J. Harvey, Manuel A. Pérez-Quiñones (2007). UML tools: what is their role in undergraduate computer science courses? In *SIGCSE '07: Proceedings of the 38th SIGCSE technical symposium on Computer science education*, pp. 129-130, New York, NY, USA. ACM.
 12. Edward F. Gehringer, Donald D. Chinn, Manuel A. Pérez-Quiñones, Mark A. Ardis (2005). Using peer review in teaching computing. In *SIGCSE '05: Proceedings of the 36th SIGCSE technical symposium on Computer science education*, pp. 321-322, New York, NY, USA. ACM.
 13. Manuel A. Pérez-Quiñones, Steven Edwards, Claude Anderson, Doug Baldwin, James Caristi, Paul J. Wagner (2004). Transitioning to an objects-early three-course introductory sequence: issues and experiences. In *Proceedings of the 35th SIGCSE technical symposium on Computer science education*, pp. 499-500. ACM Press.
 14. L N Cassel, J. Impagliazzo, A. Lally, E.A. Fox, Manuel A. Pérez-Quiñones, J. Prey (2003). Report on the NSF major educational funding initiative for a National Science, Technology, Engineering,

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and Mathematics Education Digital Library (NSDL) with special emphasis on the Computing Education component. In *SIGCSE '03: Proceedings of the 34th SIGCSE technical symposium on Computer science education*, pp. 301-302, New York, NY, USA. ACM Press.

15. Lillian N. Cassel, John Impagliazzo, Deborah Knox, C. Lee Giles, Edward A. Fox, JAN Lee, Manuel A. Pérez-Quñones (2003). Using an education oriented digital library to organize and present classes in computing and information. In *ITiCSE '03: Proceedings of the 8th annual conference on Innovation and technology in computer science education*, pp. 260-260, New York, NY, USA. ACM Press.
16. Manuel A. Pérez-Quñones, Robert Bryant, Fred Springsteel, Anne-Louise Radimsky (2000). Experiences in starting computer engineering programs (panel session). In *SIGCSE '00: Proceedings of the thirty-first SIGCSE technical symposium on Computer science education*, pp. 401-402, New York, NY, USA. ACM.

Tutorials and Workshops offered

Tutorials and workshops offered at national conferences.

1. Manuel A. Pérez-Quñones. 2020. *How to Become Fluent in Diversity and Inclusion in one Evening*. In Proceedings of the 51st ACM Technical Symposium on Computer Science Education (SIGCSE '20). Association for Computing Machinery, New York, NY, USA, 1392. DOI:<https://doi.org/10.1145/3328778.3367020>
2. Stephen H. Edwards and Manuel A. Pérez-Quñones. 2014. *The absolute beginner's guide to JUnit in the classroom* (abstract only). In Proceedings of the 45th ACM technical symposium on Computer science education (SIGCSE '14). Association for Computing Machinery, New York, NY, USA, 744. DOI:<https://doi.org/10.1145/2538862.2539015>
3. Stephen H. Edwards and Manuel A. Perez-Quinones. 2012. The absolute beginner's guide to JUnit in the classroom (abstract only). In Proceedings of the 43rd ACM technical symposium on Computer Science Education (SIGCSE '12). Association for Computing Machinery, New York, NY, USA, 656. DOI:<https://doi.org/10.1145/2157136.2157327>
4. Manuel A. Pérez-Quñones, Maricel Quintana-Baker (2011) Understanding Diversity and Cultural Issues. In *Encuentro: Virginia Latino Higher Education Network*, March 24-25, 2011, Annandale, VA.
5. Manuel A. Pérez-Quñones, Maricel Quintana-Baker (2011) Understanding Diversity and Cultural Issues. *Annual Meeting of the Computing Alliance of Hispanic-Serving Institutions*, April 27-29, 2010, San Juan, Puerto Rico.
6. Patty Lopez, Robin Jeffries, Manuel A. Pérez-Quñones, Gilda Garreton, Tarik Ono (2011) Early Career Professional Development Workshop. Speakers. In *Ricard Tapia Celebration of Diversity in Computing Conference*, San Francisco, CA, April 3-6, 2011.
7. Karen DePauw, Dannette Beane, Shelli Fowler, Monika Gibson, Manuel A. Pérez-Quñones, Jeremy Sippel, Jennifer Sparrow (2010) Up Close and Personal With Technology: Virginia Tech Case Study. Council of Graduate Schools 50th Annual Meeting, December 1-4, 2010, Washington, DC.

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8. Stephen H. Edwards, M.A. Pérez-Quiñones (2008). Web-CAT: Automatically grading programming assignments. In *Proceedings of the 13th Annual Conference on Innovation and Technology in Computer Science Education (ITiCSE'08)*, pp. 328, New York, NY, USA. ACM.

Technical reports

I have co-authored over 30 technical reports. Visit my website for a full listing <http://webpages.uncc.edu/mperez19/>.

Invited Lectures at Universities and Conferences

1. "Perils of Underrepresentation in Computing" Guest Speaker Texas Woman's University Harlan C. Miller Lecture and Awards Dinner, March 27, 2019. Invitation sponsored by CRA's Distinguished Lecturer Series.
2. "Perils of Underrepresentation in Computing" Invited Speaker by the Computer Science Department, Oberlin College, Oberlin, OH, April 12, 2016.
3. "Perils of Underrepresentation in Computing" Invited Speaker at Diversity Research Symposium: From Research to Action, Ball State University, Muncie, IN, October 24 & 25, 2014.
4. "Studying Personal Information Management as a Dual-Task Scenario" Invited Speaker to Seminar Series at the School of Information and Library Science, University of North Carolina, Chapel Hill, March 23, 2012.
5. "Latinos in Virginia: Demographics," keynote presentation (with Dr. Carlos Evia) at the 1st Latino Constituency Conference and 3rd Encuentro de VALHEN, Virginia Tech, Blacksburg, VA, May 1st, 2009.
6. Keynote Speaker of the 2011 Annual Meeting of the Computing Alliance of Hispanic-Serving Institutions, April 27-29, 2010, San Juan, Puerto Rico. Keynote: Diversity, Identity, Inclusion and Computing: One of these things is not like the others, or is it?
7. Invited Speaker to University of Maryland, Baltimore Campus (UMBC), April 14-15, 2010. Broader audience talk: Diversity, Identity, and Inclusion, on April 14th. CS Talk: The Social Life of Personal Information, April 15th.
8. BOF: HispanicPhD Community, Leader: José Morales, Manuel A. Pérez-Quiñones. 2011 Ricard Tapia Celebration of Diversity in Computing Conference, San Francisco, CA, April 3-6, 2011.
9. "Understanding Latino Students: A Look at the Commonwealth and the Nation," presentation (with Dr. Carlos Evia) at the Academic Advising and Support Afternoon Chat Series, Virginia Tech, Blacksburg, VA, April 15th, 2009.
10. "The U.S. Must Embrace Becoming a Multi-Cultural Society," presentation at "Does Race and Culture Impact Hispanic American and African American Communities Access To Science and Technology Resources and Knowledge? Issues In U.S. STEM Competitiveness" Panel, Colgate University, Hamilton, NY, September 18, 2009.
11. Invited Panelist at NSF-funded Academic Workshop for Underrepresented Faculty and Senior Graduate Students, 11/30/07 – 12/2/07, Texas A&M.
12. "Social Software and Education", Presentation at Workshop CB CPATH: Rethinking Computer Science Education, Villanova University, Nov 9th, 2007.

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13. "Using Web 2.0 Technologies in your Computer Science Classes", Presentation at Workshop of the same name at the 39th SIGCSE Technical Symposium on Computer Science Education, Portland, OR, March 14th, 2008.
14. "Task Continuity Across Multiple Devices: Examples from Calendar Management", School of Information and Library Science, University of North Carolina at Chapel Hill, April 22, 2005.
15. "Cultural Interface Design", Computer Science Department, Eastern Michigan University, March 2005.
16. "Yet Another Approach on How to Teach OO Design Early in Computer Science", Computer Science Seminar Series, Villanova University, November 24, 2003.
17. "Multi-platform User Interfaces", AI Center Spring Seminar Series, Naval Research Laboratory, May 5, 2003.
18. "Mixed-Initiative Interaction = Mixed Computation", Ramakrishnan, N., Capra, R., Pérez-Quíñones, M.A. Presentation at the CS Department Seminar Series, October 24, 2001.
19. "Hispanics in the Academic Environment in the US", Invited presentation at the "CHI 2001 Development Consortium: Latin American."
20. "Hispanics in the Academic Environment in the US", Presentation at Multicultural center during Hispanic Heritage Month Brown Bag Faculty Exposé at the Multicultural Center, part of the activities for Hispanic Heritage Month 2001. Sponsored by Latin Link. October 4, 2001.
21. "Advanced User Interface Software Architectures: Towards a Full-Participant Dialogue Partner", Dept. of Computer Science, University of Texas at El Paso, January 2000.
22. "Java's Reflection API," Dept. of Computer Science, University of Texas at El Paso, January 2000.
23. "Advanced User Interface Software Architectures: Towards a Full-Participant Dialogue Partner", Dept. of Computer Engineering and Computer Science, University of Missouri-Columbia, Nov 4, 1999.
24. "A Conversational View of Human-Computer Interaction", Western Puerto Rican Linguistic Society, April 2, 1997, Mayagüez, Puerto Rico.
25. "HCI Education and Research at the University of Puerto Rico-Mayagüez", Organizational Overviews, Conference in Human Factors in Computing Systems CHI'97, March 26, Atlanta, GA.
26. "A Collaborative Model of Feedback in Human-Computer Interaction", Conference in Human Factors in Computing Systems CHI'96, April 14-19, Vancouver, BC.
27. "Negotiating User-Initiated Cancellation and Interruption Requests", Conference in Human Factors in Computing Systems, CHI'96, April 14-19, Vancouver, BC.
28. "Conversational Dialogue in Graphical User Interfaces", Human Factors in Computing Systems CHI'95 Conference Doctoral Consortium, May 7-11, 1995, Denver, Colorado.
29. "Human-Computer Dialogue in a Graphical User Interface", Computer Science Department Research Seminar Series, United States Naval Academy, Annapolis, Maryland. April 1995.
30. "The Development of GW-Ada", 13th Annual National Conference on Ada Technology, King of Prussia, Pennsylvania. March 1995.

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31. "Interacción entre el Humano y la Computadora", Colloquium, Departamento de Matemáticas, Recinto de Mayagüez, Universidad de Puerto Rico. December 1992.
32. "Direct Manipulation for the Intelligent Cockpit", Software Psychology, Washington, D.C. December 1992.
33. "Direct Manipulation for the Intelligent Cockpit", Graphics and User Interface Group Colloquium, The George Washington University, D. C. Spring 1992.
34. "MacApp: An Application Framework", Graphics and User Interface Group Colloquium, The George Washington University, D. C. Fall 1989.
35. "Experimental Design: Direct Manipulation Theory", Graphics and User Interface Group Colloquium, The George Washington University, D. C. Spring 1991.
36. "Designing User Interfaces with MacApp", Guest Speaker, Human-Computer Interaction Lab, Naval Research Laboratory, D. C. Winter 1989.
37. "The MacApp Report", Conference Faculty in the Mac World Exposition, Washington, D.C. April 1989.
38. "Language for Computer Graphics Programming", Computer Science Department Colloquium, Ball State University, Muncie, IN. Spring 1986.

Students

PhD Advisees

1. Yao Wang, *Exploring the Role of Prospective Memory in Location-Based Reminders*, 2017-05-03. PhD Dissertation, Department of Computer Science, Virginia Tech.
2. Blake Sawyer, *The Physical-Social Context in Information Refinding*, 2016-05-05. PhD Dissertation Department of Computer Science, Virginia Tech.
3. Ben Hanrahan, *Getting Lost in Email: How and Why Users Spend More Time in Email than Intended*, 2014-12-04. PhD Dissertation, Department of Computer Science, Virginia Tech. Employment: Assistant Professor, College of Information Sciences and Technology, Penn State.
4. Ashley Robinson, *The Attitudes of African American Middle School Girls Toward Computer Science: Influences of Home, School, and Technology Use*, 2015-05-13. PhD Dissertation, co-chair with Dr. Glenda Scales. Employment: Intel, Arizona.
5. Turner, Scott Alexander, *Peer Review in CS2: the Effects on Attitudes, Engagement, and Conceptual Learning*, 2009-08-13. PhD Dissertation, Department of Computer Science, Virginia Tech, etd-08272009-003738. Employment: Assistant Professor, Department of Mathematics, Statistics & Computer Science, University of Wisconsin, Stout.
6. Tungare, Manas, *Mental Workload in Personal Information Management: Understanding PIM Practices Across Multiple Devices*, 2009-03-25. PhD Dissertation, Department of Computer Science, Virginia Tech, etd-04152009-191143. Employment: Engineer at Google.
7. Capra, Robert G., *An Investigation of Finding and Refinding Information on the Web*, 2006-02-16. PhD Dissertation, Department of Computer Science, Virginia Tech, etd-03022006-154809.

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Employment: Associate Professor at School of Information and Library Science, University of North Carolina at Chapel Hill.

8. Rode, Jochen, *Web Application Development by Nonprogrammers: User-Centered Design of an End-User Web Development Tool*, 2005-07-01. PhD Dissertation, Department of Computer Science, Virginia Tech, etd-07062005-152028. Employment: SAP, Germany.
9. Ali, Mir Farooq, *A Transformation-based Approach to Building Multi-Platform User Interfaces Using a Task Model and the User Interface Markup Language*, 2004-11-16. PhD Dissertation, Department of Computer Science, Virginia Tech, etd-05172005-041721. Employment: Engineer at Motorola.
10. Lewis, Tracy L., *Design Readiness: An Exploratory Model of Object-Oriented Design Performance*, 2004-07-16. PhD Dissertation, Department of Computer Science, Virginia Tech, etd-08062004-115926. Employment: Associate Professor, at Radford University, Department of Information Technology.

MS Advisees

1. William Ellis, *Information Scraps in the Smartphone Era*, 2016-01-16, MS thesis expected, Department of Computer Science, Virginia Tech. Employment: WillowTree Apps, Charlottesville, VA.
2. Priyanka Mohan, *Student perceptions of various hint features while solving coding exercises*, 2015-09-23. MS thesis, co-chair Dr. Stephen Edwards, Department of Computer Science, Virginia Tech.
3. Sheriff Olayinka Jolaoso, *TaskAmbient: A Study in Personal Task Management Visualization*, 2015-05-28. MS thesis, Department of Computer Science, Virginia Tech. Employment: Associate User Experience Designer at Appfolio.
4. Ahuja, Ankit, *Contextinator: Recreating the context lost amid information fragmentation on the web*, 2013-06-01. MS Thesis, Department of Computer Science, Virginia Tech, 10919/23120 Employment: Software Engineer at LinkedIn.
5. Shanahan, Daniel Patrick, *Intentional Information Fragmentation in Email Management*, 2012-08-29. MS Thesis, Department of Computer Science, Virginia Tech, etd-09162012-153029 Employment: Software Engineer at Qualcomm.
6. Vega, Edgardo Luis, *Communities of Tweeple: How Communities Engage with Microblogging When Co-located*, 2011-04-22. MS Thesis, Department of Computer Science, Virginia Tech, etd-05112011-222646 Employment: Senior Software Engineer at Next Century Corporation.
7. Henry, James Arthur Goodwin, *Subiquitous: Supporting Ubiquitous Computing*, 2010-04-29. MS Thesis, Department of Computer Science, Virginia Tech, etd-05192010-144703
8. Ahuja, Sameer, *A Tale of Two Sites: An Explorative Study of the Design and Evaluation of Social Network Sites*, 2009-07-17. MS Thesis, Department of Computer Science, Virginia Tech, etd-07292009-181101 Employment: Software Engineer at Google.
9. Tauro, Candida, *A Usability Evaluation and Content Analysis of Vizblog: an Online Conversation Discovery Tool*, 2008-04-23. MS Thesis, Department of Computer Science, Virginia Tech, etd-05082008-084417

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10. Lambros, Stelios, *Investigating the Applicability of Information Foraging Theory to Mobile Web Browsing*, 2005-05-27. MS Thesis, Department of Computer Science, Virginia Tech, etd-05312005-190600
11. Bhardwaj, Yogita, *Reverse Engineering End-user Developed Web Applications into a Model-based Framework*, 2005-05-09. MS Thesis, Department of Computer Science, Virginia Tech, etd-05232005-144650 Employment: Software Engineer at Microsoft.
12. Turner, Scott Alexander, *minimUML: A Minimalist Approach to UML Diagramming for Early Computer Science Education*, 2005-02-04. MS Thesis, Department of Computer Science, Virginia Tech, etd-05202005-103827 Employment: Assistant Professor at UNC, Pembroke.
13. Vatrapu, Ravikiran, *Culture and International Usability Testing: The Effects of Culture in Interviews*, 2002-08-06. MS Thesis, Department of Computer Science, Virginia Tech, etd-09132002-083026 Employment: Professor mso, Dept. of Information Technology Management (ITM), Copenhagen Business School, Denmark.
14. Ferreira, Raquel, *Culture and E-Commerce: Culture Based Preferences for Interface Information Design*, 2002-07-12. MS Thesis, Department of Computer Science, Virginia Tech, Employment: IBM.

Student Committees Served

I have served in over 50 student committees, with over 20 of them being PhD committees.

MS Independent Studies Supervised

I have supervised 8 independent students that served as the project for an MS Coursework.

MS Thesis Supervised at University of Puerto Rico, Mayagüez

1. Jaime Elias Colón (MS Thesis). Department of Electrical and Computer Engineering, University of Puerto Rico, Mayagüez, May 2000.
2. Miguel Velez-Rubio (MS Thesis). Department of Electrical and Computer Engineering, University of Puerto Rico, Mayagüez, May 2000.
3. Anibal Morales-Morell (MS Thesis). Department of Electrical and Computer Engineering, University of Puerto Rico, Mayagüez, Fall 2000.
4. Jesús Trespalacios (MS Thesis). Department of Electrical and Computer Engineering, University of Puerto Rico, Mayagüez, May 1999.

Undergraduate Research Projects Supervised

I am a strong supporter of undergraduate research. At Virginia Tech I co-started the Virginia Tech Undergraduate Research in Computer Science (VTURCS). At the University of Puerto Rico-Mayagüez, I was director of the Industrial Affiliates Program, the undergraduate research program in ECE. As a member of the Coalition to Diversify Computing, I co-chaired the CRA's Collaborative Research Experiences for Undergraduates (CREU). I advised numerous undergraduate research projects.

1. Halee Bennett, Event types for appointments in Calendar Systems, UNCC, Spring 2019

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2. Rachel Kohler, Extending YAPM to support email, Virginia Tech, Spring 2015
3. Jackie Falatko, Redesign of Social Networking Site, Virginia Tech, Spring 2014
4. Erika Hoffman, An integrated project manager for the desktop, Virginia Tech, Fall 2013
5. Heather Price (Radford University), Going Social: Improving Social Navigation in the Virtual Town Square, Virginia Tech, Summer 2013
6. Rafael Burgos-Guntin (University of Puerto Rico-Mayagüez), Visualization Development for the Virtual Town Square Website, Virginia Tech, Summer 2013
7. Patrick Fiaux, Managing Personal Information with Web 2.0, Virginia Tech, Spring 2009
8. Tarish Smith, Idris Eltahir, CATspace: Using Facebook to Share Assignments Among Professors, Manuel A. Pérez Quiñones, Stephen Edwards, Ricardo Quintana-Castillo, Virginia Tech, Spring 2008, VTURCS Spring Symposium 2008, People Choice 1st place
9. Blake Sawyer, Michael Ziray, Large Screen Public Kiosk, Virginia Tech, Spring 2006, VTURCS Spring Symposium 2006, Industry Choice 3rd Place
10. Jaime Garcia Ramirez, minimUML - A Minimalist Approach to UML diagrams, Manuel A. Pérez Quiñones, Stephen Edwards, Scott Turner, Virginia Tech, Spring 2006, VTURCS Spring Symposium 2006, Faculty Choice 2nd place
11. Joseph Lanza, Iana Bakalova, The CS Connection: VT Brain, Virginia Tech, Spring 2005, VTURCS Spring Symposium 2005
12. Caleb Jones, Brent Robinson, Joseph Lanza, Iana Bakalova, The CS Connection: Faculty Finder, VTURCS Spring Symposium 2005, Virginia Tech, Spring 2005
13. Chris Eagan, Joseph Lanza, Iana Bakalova, 6th Floor McBryde Plasma Display, Virginia Tech, Spring 2005, VTURCS Spring Symposium 2005
14. Alyssa Sams, Personal Calendar Management in Multi-Platform User Interfaces, Virginia Tech, Spring 2005, VTURCS Spring Symposium 2005
15. Logan Sease, Justin Klemm, Justin Knapp, Pamela Schoffstall, Robert Hardy, Andrew Ball, Pervasive Personal Information Management, VTURCS Spring Symposium 2005, People's Choice 3rd place, Virginia Tech, Spring 2005
16. Jed Lake, Alyssa Sams, CITIDEL Online Digital Library, Virginia Tech, Spring 2004, VTURCS Spring Symposium 2004
17. Travis Cherry, Managing Courses with CourseSite: The Professor's Perspective, Virginia Tech, Spring 2004, VTURCS Spring Symposium 2004, Industry Choice, 3rd place
18. Amit Nithian, A Voice Interface for Remote Control of Home Appliances, Virginia Tech, Spring 2004, VTURCS Spring Symposium 2004, People's Choice 3rd place
19. Travis Cherry, Extending the Reach of a Course Website: Anytime, Anywhere Accesss, Virginia Tech, Spring 2003, VTURCS Spring Symposium 2003, Faculty Choice 2nd place, Industry Choice 3rd place, People's Choice 3rd place
20. Dustin L. Arendt, Joseph C. Giacalone, Russell J. Hewett, Virginia Tech, Spring 2003, VTURCS Spring Symposium 2003

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21. Jason Fields, Phone User Interface to Access Email, Virginia Tech, Spring 2002, VTURCS Spring Symposium 2002, tied Faculty Award 3rd place

Teaching

I have taught courses at both the undergraduate and graduate level. I have also created a number of courses on behalf of the department. This list contains the courses I have taught at UNC Charlotte, Virginia Tech, University of Puerto Rico-Mayagüez and several other institutions (as a part-time instructor before I completed my graduate studies).

- ITSC 2214 - Data Structures and Algorithms (Fall 2021), Software and Information Systems, UNC Charlotte.
- GRAD 6000/8000 - Graduate Topics on Diversity and Inclusion (Spring 2021), UNC Charlotte
- ITIS 4440 - Interactive Systems Design and Implementation (Spring 2020, Fall 2020, Spring 2021), Software and Information Systems, UNC Charlotte
- ITSC 2214 - Data Structures and Algorithms (Fall 2016), Software and Information Systems, UNC Charlotte. Co-Teaching with Dr. Celine Latulipe.
- ITIS 1212 - Introduction to Media Programming (Fall 2015), Software and Information Systems, UNC Charlotte. Co-Teaching with Prof. Bruce Long.
- ITSC 2214 - Data Structures and Algorithm (Fall 2016), Software and Information Systems, UNC Charlotte. Co-Teaching with Dr. Celine Latulipe.
- CS2114 Software Design & Data Structures (Fall 2014), Computer Science, Virginia Tech.
- CS5714 Usability Engineering (Spring 2014), Computer Science, Virginia Tech.
- CS5714 Usability Engineering (Spring 2013), Computer Science, Virginia Tech.
- CS5774 User Interface Software (Fall 2012), Computer Science, Virginia Tech. I created this course in the Fall of 2001 as a course to complement our other existing HCI courses targeted to first year graduate students.
- CS1124 Introduction to Media Computation (Fall 2011), Computer Science, Virginia Tech.
- MAIS852 User Interfaces (Summer 2011), Computer Science, Virginia Tech.
- CS4244 Internet Software Development (Spring 2011), Computer Science, Virginia Tech.
- GRAD5984 Topics on Diversity and Inclusion for a Global Society (Fall 2011), Graduate School, Virginia Tech.
- CS6604 Personal Information Management (Spring 2010), Computer Science, Virginia Tech. special topics course.
- GRAD5984 Topics on Diversity and Inclusion for a Global Society (Fall 2010), Graduate School Department, Virginia Tech.
- CS5774 User Interface Software (Fall 2010), Computer Science, Virginia Tech.
- GRAD5984 Topics on Diversity and Inclusion for a Global Society (Fall 2009), Graduate School, Virginia Tech.
- CS5774 User Interface Software (Fall 2008), Computer Science, Virginia Tech.
- CS5774 User Interface Software (Spring 2007, Fall 2002, Fall 2001), Computer Science, Virginia Tech. I created this course in the Fall of 2001 as a course to complement our other existing HCI courses targeted to first year graduate students.
- CS2984 Introduction to Media Computation (Spring 2007), Computer Science, Virginia Tech.
- CS5984 Personal Information Management (Spring 2006), Computer Science, Virginia Tech. special topics course.

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- CS1706 Introduction to Object Oriented Development II (Fall 2006), Computer Science, Virginia Tech.
- CS6724 Multi-Platform User Interfaces (Fall 2004), Computer Science, Virginia Tech. special topics course.
- CS6604 Online Tools for Education (Spring 2005, Fall 2006), Computer Science, Virginia Tech. special topics course team taught with Dr. Stephen Edwards to support our work on Tools for CSEducation.
- CS3724 Introduction to Human-Computer Interaction (Fall 2005, Spring 2004, Spring 2003), Computer Science, Virginia Tech.
- CS6724 Multi-Platform User Interfaces (Fall 2004), Computer Science, Virginia Tech. special topics course.
- CS1706 Introduction to Object Oriented Development II (Spring 2005, Spring 2004), Computer Science, Virginia Tech. I created this new CS2 course for our curriculum as part of my work in the curricular revision of the freshman year of our program. This is a required course for all CS majors and minors.
- CS2704 Object-Oriented Software Construction with C++ (Spring 2002, Fall 2002), Computer Science, Virginia Tech.
- CS5714 Usability Engineering (Fall 2000), Computer Science, Virginia Tech.
- ICOM4015 Advanced Programming, Department of Electrical and Computer Engineering, UPR Mayaguez.
- ICOM4035 Data Structures, Department of Electrical and Computer Engineering, UPR Mayaguez.
- ICOM4036 Programming Languages, Department of Electrical and Computer Engineering, UPR Mayaguez.
- ICOM4009 Software Engineering, Department of Electrical and Computer Engineering, UPR Mayaguez.
- ICOM5999 Introduction to Java Programming, Department of Electrical and Computer Engineering, UPR Mayaguez. 1 credit course that I created to train CpE students in the use of Java. The course was based on a successful course that I had offered in my consulting business.
- ICOM5999 Human-Computer Interaction, Department of Electrical and Computer Engineering, UPR Mayaguez.
- INEL5995 Programming Graphical User Interfaces, Department of Electrical and Computer Engineering, UPR Mayaguez. I created this course as a special topics for senior students. It was a combination of Introduction to Java and User Interface Software topics.
- ICOM6015 Advanced Topics in User Interface Software, Department of Electrical and Computer Engineering, UPR Mayaguez. I created this course to support my research. It was offered only once before I left for VT.
- SI304 Programming Languages (Spring 1995), Computer Science, US Naval Academy, Annapolis, MD.
- CS335 Programming Languages, Computer Science, Ball State University.
- CS120 Data Structures, Computer Science, Ball State University.
- Introduction to Programming, Fundación Ana G. Mendez, Puerto Rico.
- Database Systems, Fundación Ana G. Mendez, Puerto Rico.
- Mini-Computers Systems Architecture, Computer Science, Universidad de Puerto Rico, Bayamón Campus .

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Service

Committees at UNC Charlotte

- SIS Graduate Education Committee, CCI, Fall 2020-2022
- Chair, SIS Undergraduate Education Committee, CCI, Fall 2021-2022
- President, Latinx/Hispanic Faculty/Staff Caucus, Fall 2019-present.
- Graduate Equity Audit, Graduate School, UNCC, Fall 2021
- Diversity Committee, Graduate School, UNCC, Fall 2020-2021
- College Graduate Education Committee, CCI, Fall 2020-2021
- College Review Committee, CCI, Fall 2019-2021
- Graduate Education Committee, Software and Information Systems Dept, Fall 2020-2022
- Vice-President, Latinx/Hispanic Faculty/Staff Caucus, Fall 2016-2019.
- Co-Chair of the Chancellor's Diversity Challenge Fund, Fall 2016-2017.
- Member of the Chancellor's Diversity Challenge Fund, Fall 2015-Spring 2016.
- Member of the College Diversity Liaisons, Provost Office, Fall 2015-Spring 2016.
- Member of the Mentoring Committee, Software and Information Systems, Fall 2016-present.

Committees at Virginia Tech

- Member of the Diversity Committee, Spring 2009-present.
- Member of the Executive Committee, Fall 2012-Summer 2014.
- Chair of the Graduate Program Committee, Fall 2012-Summer 2014.
- Member of the Graduate Program Committee, Fall 2008-Summer 2014.
- Member of the Undergraduate Program Committee, Fall 2002-2008.
- Member of a Faculty Search Committee, Fall 2003-Spring 2004.
- Member of a Faculty Search Committee, Fall 2002-Spring 2003.
- Co-Founder and Co-Chair of the Virginia Tech Undergraduate Research in Computer Science (VTURCS), Fall 2000-2012.
- Member of the Executive Committee, Fall 2000-Summer 2002.
- Member of a Faculty Search Committee, Fall 2000-Spring 2001.
- Member of a Faculty Search Committee for NVC, Fall 2001-Spring 2002.

Committees at UPR Mayagüez

- Chair Industrial Affiliates Program Committee (undergraduate research program), Fall 1999-Spring 2000.
- Member Industrial Affiliates Program Committee (undergraduate research program), Fall 1997-Spring 1999.
- Chair Undergraduate Program Committee, Computer Engineering Curriculum, 1997-1998.
- Member Undergraduate Program Committee, Computer Engineering Curriculum, 1996-2000.
- Member Graduate Program Committee, Computer Engineering Curriculum, 1997-2000.
- Member Executive Committee, Department, 1998-2000.
- Director of Computing Resources Committee for the School of Engineering, 1997-1998.
- Faculty Advisor of IEEE Computer Society Student Chapter, 1997-1999.

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University Service at Virginia Tech

- Member of Search Committee for Latino/Hispanic Coordinator position in Multicultural Programs and Services, Virginia Tech (Spring 2013).
- Chair of Search Committee for Assistant Director of the Office of Recruitment and Diversity Initiatives at the Graduate School (Spring 2010).
- Member of Search Committee for Vice-President of Diversity and Inclusion (Spring 2010).
- Member of Search Committee for Faculty position in Electrical and Computer Engineering (Spring 2010).
- Member of the Provost Taskforce on Race and the Institution, and Co-Chair of Graduate Student Sub-committee, Virginia Tech (2006-2007).
- Invited member of the Virginia Tech Minority Serving Institution (MSI) Advisory Council (2008-2010).
- Elected Chair of the Hispanic Faculty and Staff Caucus, Virginia Tech (2008-2009).
- Member of Several Committee for Director, Center for Human-Computer Interaction (2004).
- Member of Several Faculty Search Committees, Department of Computer Science (2000-present).
- Member of the Diversity Committee, College of Engineering (2009-2010).
- Multi-Cultural Fellow, Office of the Vice President for Multicultural Affairs, Virginia Tech (2004-2010).
- Member of the Advisory Board for S-STEM: Scholarships for Countering Obstacles to Minority Participation in the Professoriate Program, Department of Materials Science and Engineering, Virginia Tech, Fall 2009.
- Associate Member of the Race and Social Policy Research Center, Virginia Tech (2001-2005).
- Founding Member of the Hispanic Faculty and Staff Caucus, Virginia Tech (2002-present).

Professional Service for Diversity in Computing

- Chair Committee CMD-IT for University Award (2017-present).
- Advisory Board Member, CMD-IT: The Center for Minorities and People with Disabilities in IT (2016 - present)
- Steering Committee for the ACM Richard Tapia Celebration of Diversity in Computing Conference (2014-2016).
- Co-Chair, Coalition to Diversify Computing (2014-2015).
- Invited Panelist in 2014 CMD-IT/CDC/CAHSI/AccessComputing Academic Career Workshop for Underrepresented Participants, March 2014 at the Allen Center at Northwestern University in Evanston, IL.
- Program Chair for the 2014 ACM Richard Tapia Celebration of Diversity in Computing, Seattle, WA.
- Organizing Committee for the 2013 ACM Richard Tapia Celebration of Diversity in Computing, Crystal City, VA.
- Co-Chair of Computer Human Interaction Mentoring (CHIMe) 2012 Workshop (<http://chime.hci.cs.vt.edu/>), Co-located with CHI 2012, Austin, TX, May 5-6, 2012. Co-Chairs: Ron Metoyer, Manuel A. Pérez-Quñones.
- Member of the Steering Committee for the Richard Tapia Celebration of Diversity in Computing Conference, 2011-2013.
- Organizing Committee for the 2011 ACM Richard Tapia Celebration of Diversity in Computing, San Francisco, CA.

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- Co-Chair for Richard Tapia Celebration of Diversity in Computing Conference, April 2009.
- Co-Chair of Computer Human Interaction Mentoring (CHIMe) 2010 Workshop (<http://chime.hci.cs.vt.edu/chime/>), Co-located with CHI 2010, Atlanta, 9-10 April, 2010. Co-Chairs: Ron Metoyer, Manuel A. Pérez-Quiñones.
- Past-Chair, Coalition to Diversify Computing (2011-2012).
- Invited Panelist in 2013 CMD-IT/CDC/CAHSI/AccessComputing Academic Career Workshop for Underrepresented Participants, April 11-14, 2013 at the Allen Center at Northwestern University in Evanston, IL.
- Chair, Coalition to Diversify Computing (2010-2011).
- Participant (by invitation) NSF CISE's Broader Impacts for Research and Discovery Summit (<http://www.nsfbirds.org/>), June 21-23, 2010.
- Co-Chair for CREU: Collaborative Research Experiences for Undergraduates in Computer Science and Engineering, program sponsored by Alliance between CRA-W/CDC, 2006-2010.

Professional Service for Computing Education

- Technical Advisor for Center for Inclusive Computing, Northeastern University, 2021-2022
- Member BPCnet.org Steering Committee, Computing Research Association, 2020-present
- At-Large Member for the SIGCSE Board, ACM Special Interest Group (2019-2022)
- Symposium Co-Chair for ACM SIGCSE 2019 50th Technical Symposium on Computer Science Education, Minneapolis, MN
- Program Co-Chair ACM SIGCSE 2018 49th Technical Symposium on Computer Science Education, Baltimore MD
- Associate Editor for the ACM Transactions of Computing Education (former ACM's JERIC), 2001-2013.
- Reviewer ACM Special Interest Group on Computer Science Education 2015.
- Reviewer ACM Special Interest Group on Computer Science Education 2014.
- Reviewer ACM Special Interest Group on Computer Science Education 2013.
- Reviewer ACM Special Interest Group on Computer Science Education 2012.
- Reviewer ACM Special Interest Group on Computer Science Education 2010.

Professional service for ACM SIGCHI

- Co-Chair for Work-In-Progress for ACM Special Interest Group in Computer-Human Interaction (CHI) Conference 2008, Florence, Italy.
- Associate-Chair for Papers for ACM Special Interest Group in Computer-Human Interaction (CHI) 2001.
- Reviewer ACM Special Interest Group in Computer-Human Interaction (CHI) 2014 Paper and Work-in-progress.
- Reviewer ACM Special Interest Group in Computer-Human Interaction (CHI) 2012 Work-in-progress.
- Reviewer ACM Special Interest Group in Computer-Human Interaction (CHI) 2010.
- Reviewer ACM Special Interest Group in Computer-Human Interaction (CHI) 2007.
- Reviewer ACM Special Interest Group in Computer-Human Interaction (CHI) 2005.
- Reviewer ACM Special Interest Group in Computer-Human Interaction (CHI) 2004.
- Reviewer ACM Special Interest Group in Computer-Human Interaction (CHI) 2002.
- Reviewer ACM Special Interest Group in Computer-Human Interaction (CHI) 2001.

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Professional service for Personal Information Management

- Organizing Committee for "PIM 2013 — A Workshop Affiliated with Annual Meeting of the Association for Information Science and Technology 2013," Montreal, Canada, November 1-6, 2013.
- Program Committee for "Personal Information Management — PIM 2012, Workshop CSCW 2012: The 2012 ACM Conference on Computer Supported Cooperative Work," February 11-15, 2012, Seattle, Washington.
- Organizing Committee for "Personal Information Management: PIM 2009. Personal information intersections: What happens when PIM spaces overlap?" ASIS&T 2009 Workshop, November 7-8, 2009, Vancouver, BC, Canada.
- Guest Co-Editor of Special Issue on Keeping, Re-finding and Sharing Personal Information on ACM Transactions on Information Systems. Guest Editors: Susan Dumais, William Jones, Deborah Barreau, Robert Capra, and M. A. Pérez-Quñones, ACM TOIS 26(4), September 2008.
- Organizing Committee for "Personal Information Management, SIGIR 2006 Workshop," August 10-11, 2006, Seattle, Washington.
- Organizing Committee for "The PIM Workshop: An NSF-Sponsored Invitational Workshop on Personal Information Management," January 27-29, 2005, Seattle, Washington.

Professional Service in HCI in Latin America

- Reviewer for Latin American Conference on Human-Computer Interaction 2013.
- Program Committee for the 1st Joint Conference Interacción & MexIHC 2012 & 13th International Conference Interacción Persona-Ordenador (INTERACCION) & IV Conference on Human-Computer Interaction (MexIHC) 2012.
- Member Steering Committee for Latin American Conference on Human-Computer Interaction (CLIHC) 2005-2011.
- Program Committee for Information Retrieval Track for Conference on Information Knowledge and Management (CIKM) 2007, Lisbon, Portugal.
- Program Committee for Latin American Web Congress 2007, Santiago, Chile.
- Co-Chair Short Papers, Member Technical Program Committee IFIP TC13 International Conference on Human-Computer Interaction (Interact) 2007, Rio de Janeiro, Brazil, September 10-14, 2007.
- Program Committee for Symposium Human Factors in Computing (Simpósio de Fatores Humanos em Sistemas Computacionais, IHC) Brazilian HCI Conference, Nov 9-22, 2006.
- Member Technical Program Committee Interact 2005.
- Session Chair for Keynote Speaker Paul Dourish, Latin American Conference on Human-Computer Interaction, CLIHC 2005, Oct 23-26, 2005, Cuernavaca, México .
- Co-Chair for Papers for Latin American Conference on Human-Computer Interaction (CLIHC) 2005.
- Reviewer for Special Issue HCI in Latin America, Journal Interaction with Computers, 2004.
- Co-Chair for Workshops and Tutorials for Latin American Conference on Human-Computer Interaction (CLIHC) 2003.

Professional Service for other HCI Conferences and Journals

- Member Technical Program Committee Computer-Aided Design of User Interfaces (CADUI) 2006.

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- Member Technical Program Committee Computer-Aided Design of User Interfaces (CADUI) 2004.
- Reviewer journal Interaction with Computers 2013 (2 different submissions).
- Reviewer for ACM Conference on Computer Supported Cooperative Work 2012.
- Reviewer for Workshop on the Impact of Pen-based Technology on Education (WIPTE) 2007.
- Reviewer for IEEE Portables 2007.
- Reviewer for Computer-Aided Design of User Interfaces (CADUI) 2004.
- Member Technical Program Committee Computer-Aided Design of User Interfaces (CADUI) 2006.
- Member Technical Program Committee Computer-Aided Design of User Interfaces (CADUI) 2004.
- Reviewer journal Interaction with Computers 2013 (2 different submissions).
- Reviewer for ACM Conference on Computer Supported Cooperative Work 2012.
- Reviewer for Workshop on the Impact of Pen-based Technology on Education (WIPTE) 2007.
- Reviewer for IEEE Portables 2007.
- Reviewer for Computer-Aided Design of User Interfaces (CADUI) 2004.

Service to Latinos in the State of Virginia

- Vice-President for the non-profit Virginia Latino Higher Education Network (VALHEN), 2012-2016.
- Elected At-Large Member of the Board for the non-profit Virginia Latino Higher Education Network (VALHEN), 2008-2012.

Other Professional Service

- Member Search Committee for Executive Director CRA, 2021
- Invited to be a member of the External Advisory Committee for the Alan Turing Scholarship awarded to students in Mathematics and Computer Science, University of Puerto Rico, Río Piedras Campus, Fall 2009.
- Organizing Committee for the NSF-Sponsored Invitational Workshop on Personal Information Management, Jan 2005, Seattle.
- NSF Proposal reviewer, July 2011.
- NSF Review Panel for ITR proposals - Review panel for medium size ITR proposals.
- NSF Review Panel for Full-ITR proposals - Reviewer for Full ITR-proposals at the summer panel at NSF, Washington DC.

Membership in Professional Organizations

- Member of Association of Computing Machinery (ACM) (1986-present).
- Member of ACM's Special Interest Group on Computer-Human Interaction (SIGCHI) (1986-present).
- Member of ACM's Special Interest Group on Computer Science Education (SIGCSE) (1986-present).
- Member of the Coalition to Diversify Computing (CDC) (2006-2016).
- Member IEEE Computer Society (1997-2014).
- Member of the SIGCHI International Advisory Board (1997-2000).
- Member Computer Professionals for Social Responsibility (CPSR).

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Software products and websites

1. Template system in PHP, Open Source at Github (<https://github.com/mapq/Template-System-in-PHP>)
2. Personal website. Developed in PHP, using JQuery and Bootstrap. (<http://perez.cs.vt.edu/>)
3. Website for CHIME - HCI Mentoring workshop (<http://chime.hci.cs.vt.edu/>)
4. Center for Human-Computer Interaction - initial version of the site, currently maintained by others. Developed in PHP. (<http://hci.cs.vt.edu/>)
5. Virginia Tech Undergraduate Research in Computer Science (VTURCS) - initial version of the site, currently maintained by others. Developed in PHP. (<http://vturcs.cs.vt.edu/>)
6. minimUML - a UML tool for CS Education designed to be easy to use. It includes support for classes and relations among classes. It also provide support for free form comments and notes as well as export to PNG, JPG, Java and C++. Developed by several of my students in Java. (<http://minimuml.cs.vt.edu/>)
7. SmallAda - Full programming environment for SmallAda. Environment includes source code editor with templates, multi-window source level debugger, and interpreter. SmallAda was distributed free by The George Washington University as a vehicle for teaching, learning, and experimenting with concurrent programming. Developed in Object-Pascal with MacApp.
8. GWU/Mac AdaEd - Designed and implemented a development environment for the Ada programming language. Environment includes Ada-83 compiler/interpreter (originally developed at NYU), editor, library manager, and execution monitor. This development environment was used at George Washington University as a vehicle for teaching, learning, and experimenting with concurrent programming. Developed in C++.
9. Worked on commercial port of Wayne Gretzky Hockey game from Amiga to Macintosh, as contractor for Bethesda Softworks.

Other Employment History

Consulting

- Technical Advisory for Center for Inclusive Computing, Northeastern (Feb 2021-Feb 2022)
- Consultant for Harmonia, Blacksburg, VA (2006-2007)
- Consultant for Scholar One, Charlottesville, VA (2003-2005)
- Consultant for Inter-American University, PR. Training to Faculty of the Computer Science Department (May 2000)
- Consultant for Bethesda Softworks, Bethesda, MD ported game from Amiga to Macintosh (Jan 1990 - Jun 1990)

Personal Data

- Bilingual in English and Spanish.
- Married to Dr. Olga Padilla-Falto with two children.