

# Dr. Barbara Truman

Orlando, Florida

## CV Summary Overview

<b>Education</b>	Doctorate in Computer Science, Emerging Media - Colorado Technical University, 2013 Graduate Certificate, Human Performance Technology, University of West Florida, 2010 Masters of Arts, Instructional Systems Design, University of Central Florida, 1996 Bachelors of Arts, Advertising and Public Relations, University of Central Florida, 1994 Associate of Arts, 1992 <i>Magna Cum Laude</i> , Seminole Community College
<b>Work Highlights</b>	University of Central Florida, Institute for Simulation and Training, Strategic Advisor, Immersive Learning and Collaboration, Recent Community Manager for the Army Research Lab's Virtual World Training Research Project. Researcher of competency-based learning, the Internet of Things and founding eLearning leader at the University of Central Florida
<b>Teaching &amp; Curriculum Development</b>	IDS5142 Modeling & Simulation for Instructional Design (online) Graduate Studies course, UCF Critical Nursing Foundation Massively Online Open Course (online) Academic Partnerships Inc. and University of Texas at Arlington IDL6543 Interactive Distributed Learning for Mediated Technology Delivery Award Winning Faculty Development Program (Blended Learning) University of Central Florida
<b>Sponsored Projects</b>	Funding from State of Florida Department of Education \$100k and \$800k, Sloan Consortium \$800k, Gates Foundation \$250k, Army Research Lab (partial award) \$4M, Defense Information Systems Agency \$180k, LTS \$92k, and various smaller, industry awards such as for the Boeing Corporation and American Public University System
<b>Scholarly Publishing</b>	Google Scholar Profile: <a href="https://scholar.google.com/citations?user=3bxjN5kAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=3bxjN5kAAAAJ&amp;hl=en</a> ResearchGate: <a href="https://www.researchgate.net/profile/Barbara_Truman">https://www.researchgate.net/profile/Barbara_Truman</a> Co-editor of IGI Global Book: Integrating an Awareness of Selfhood and Society into Virtual Learning. Author and coauthor of interdisciplinary research articles and book chapters
<b>Presentations</b>	Invited keynote for Distance Learning Administration Conference and Colorado eLearning Consortium Conference. Invited speaker, Universitas21, Israel's Council for Higher Education Conference, and multiple, selected conference presentations
<b>Service Highlights</b>	Advisor, US Air Force Immersive Learning Initiative, Maxwell Air Force Base. Track-Co-chair, Federal Consortium of Virtual Worlds Workshop, Committee organizer, OpenSimulator Community Conference, Proposals reviewer and volunteer for multiple conferences involving emerging technology, Evaluator, Serious Games Challenge for IITSEC Accreditation reviewer for George Mason University representing SACS UCF representative for LCME-inaugural College of Medicine Application
<b>Interdisciplinary-domain Activities</b>	Higher education consultant for organizational development involving digital learning for enterprise transformation
<b>Entrepreneurship</b>	Founder of nonprofit simulation corporation to promote digital citizenship and cybersecurity
<b>Awards - Recognition</b>	Dissertation published by the International Center for Transdisciplinary Research (CIRET) <a href="http://ciret-transdisciplinarity.org/biblio/biblio_pdf/barbara_truman.pdf">http://ciret-transdisciplinarity.org/biblio/biblio_pdf/barbara_truman.pdf</a> Tribute video from UCF administrators in 2013: <a href="http://vimeo.com/106189735">http://vimeo.com/106189735</a> Clarita Garcia Communications Scholarship, Central Florida Public Relations Association Who's Who of American Universities and American Junior Colleges Omicron Delta Kappa National Leadership Honor Society

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- Doctorate in Computer Science, Emerging Media, Colorado Technical University, 2013
- Human Performance Technology, Graduate Certificate, University of West Florida, 2010
- Masters of Arts, Instructional Systems Design, University of Central Florida, 1996
- Bachelors of Arts, Advertising and Public Relations, University of Central Florida, 1994
- Associate of Arts, *Magma Cum Laude*, Seminole Community College, 1992

## Work History

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### 2014 – Present **University of Central Florida, Institute for Simulation and Training Mixed Emerging Technologies Integration Lab (METIL) Strategic Advisor, Immersive Learning and Collaboration**

- Research analyst assisting with the development of research projects within academia, industry, and military organizations.
- Community Manager for the US Army Research Lab's Military Open Simulation Enterprise Strategy (MOSES) virtual world training research project (2016-2017)
- Co-PI for research into the Internet of Things (IoT) for the Defense Information Systems Agency (DISA)
- Co-PI for research into Internet of Things Wireless Protocol Security for LTS, Maryland Procurement Office
- Researcher, Augmented Reality Study for the Boeing Corporation (ITAR)
- Adjunct faculty member for the Modeling & Simulation Graduate Program

Security Clearance: OPM Secret (NACLC) – August 2014

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### 2013 - present **The Air University, Maxwell Air Force Base, USAF Advisor, Virtual World and Integrated Learning**

- Participate in research and testing learning technology integration for the Squadron Officer College using OpenSimulator virtual world software and other open source software applications hosted in the Amazon cloud using elastic services.
  - Assist with design and development of serious games, conduct tours and host special events for the Global Learning Forum. Co-author articles and co-present at conferences.
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### 2013- present **Fusion Unlimited Networks Research, Incorporated Simulation Strategist & President**

- Founding officer of regionally-based, globally-focused, nationally-oriented, non-profit corporation. Seeking 501c3 status to create participatory netizenship in education, health, and civic engagement using immersive simulation for the design of smart, enabled communities.
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### 2013 **Academic Partnerships, LLC, Dallas, TX Vice President of Learning Technologies**

Recruited to support innovative uses of learning technologies across a national network of public universities to support development of high-quality, affordable access to higher educational opportunities. Develop research-based practices to provide immersive learning experiences for medical simulations including nursing clinical experiences. Researched massively open online courses (MOOCS). Staff reduced as company went global.

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- 2009 – 2013**      **University of Central Florida**  
**Director, Course Development, Center for Distributed Learning**
- (Reorganization) Lead and oversee New Media, Learning Systems and Technologies, Techrangers™ and media teams for production of online programs and special initiatives.
  - Forge new collaborative, interdisciplinary capabilities with online academic services across the institution including online Science, Technology, Engineering, and Mathematics (STEM) initiatives.
- 1998 – 2009**      **University of Central Florida**  
Director, Course Development & Web Services
- Led, managed, and developed a learning organization to create fully-online, blended, and enhanced learning environments to support UCF's academic programs.
  - Collaborated with campus leaders to plan strategy, emerging technologies, and building capabilities to provide enterprise programs for effective faculty and course development.
  - Created facilities, recruited and developed talented staff to produce cost-effective programs and multimedia productions.
  - Served on campus committees for accreditation, continuity of operations, security, and search committees. Presented and published findings. Participated in regional, state, and national associations for university representation and professional development.
- 1997 - 1998**      **University of Central Florida**  
Coordinator of Course Development
- Reported to the Vice Provost and Chief Information Officer to develop a department around a specially-funded pilot program.
  - Created scalable models of service, evaluated learning technology tools and approaches to develop and diffuse best practice.
- 1996 – 1997**      **University of Central Florida**  
**Course Developer**
- Reported to the Vice Provost of Academic Affairs to create UCF's first faculty development program to build inaugural online programs.
  - Assisted in the creation of policies and procedures to institutionalize planning, development, and assessment.
- 1994 –1996**      **University of Central Florida**  
**Graduate Research Assistant**
- Central Florida Consortium of Higher Education, Communications Coordinator for \$800,000 Distance Learning Demonstration Grant
  - Florida Education and Employment Council of Women and Girls, Event Coordinator
- 1996**              **University of Central Florida**  
**Graduate Internship, Instructional Systems Design**
- Co-created the first online course for UCF
  - Provided learner and evaluation support
- 1994-1996**      **University of Central Florida**  
**President, UCF Association for Educational & Communication Technology**  
**President, UCF Nontraditional Student Association**  
**Officer, UCF Computer Users Group**

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Teaching and      **University of Central Florida**

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- Curriculum Development Experience**
- IDS5142 Modeling & Simulation for Instructional Design (Fully online 10 weeks)
    - Graduate level, interdisciplinary studies requirement for Instructional Design Simulations Certificate Program
  - IDS5937 Modeling & Simulation Foundations for Instructional Design (Fully online 10 weeks)
  - IDL6543 Interactive Distributed Learning for Mediated Technology Delivery
    - Award Winning Faculty Development Course (Blended 8 weeks)
    - Architect and early facilitator
  - ADL5000 Blended Learning Course (Fully online)
    - Faculty Development Course Required for Accreditation
  - Essentials Course (Blended format)
    - Faculty Development Required Course to use the Learning Management System

### **Academic Partnerships Inc.**

- Critical Nursing Foundation Massively Online Open Course (Fully online 6 weeks)
  - Continuing Education Units Offered
  - Micro-credential Badge Support

### **EDUCAUSE**

- Learning Technologies Leadership Institute 2005-2007 (1 week face to face format)
  - Offered project-based activities for instructional designers to practice leadership through simulations

### **Publications**

- Goh, J., Truman, B. & Barber, D. (2018). Exploring Individual Differences as Factors to Maximize Interactive Learning Environments for Future Learning. *Interactive Learning Environments*. *Interactive Learning Environments*, 1-11.
- Truman, B. & Goh, J. (2018). Challenges and Benefits: Developing Collaborative Enterprise Open Simulation. Paper accepted for the Global Learn Conference. Association for the Advancement of Computing in Education.
- Stricker, A. G., Westhauser, T. C., Sheets, T., Hawkins-Scribner, T., Calongne, C. & Truman, B. (2017). Values-Based Network Leadership in an Interconnected World. *Journal for Values-Based Leadership*.
- Umoren, R. A., Scott, Sweigart, L., Gossett, E., Hodson-Carlton, K., Johnson, M., Jones, J., P. J., Poore, J. A., Rybas, N., & Truman, B. (2017). A Comparison of Teamwork Attitude Changes with Virtual TeamSTEPPS Simulations in Health Professional Students. *Journal of Interprofessional Education & Practice*.
- Umoren, R. A., Poore, J. A., Sweigart, L., Rybas, N., Gossett, E., Johnson, M., Allen, M., Scott, P. J., Truman, B., & Das, R. (2017). PATIENT SAFETY: TeamSTEPPS Virtual Teams: Interactive Virtual Team Training and Practice for Health Professional Learners. *Creative nursing*, 23(1), 3
- Truman, B. (2017). New constructions for understanding using virtual learning- towards transdisciplinarity. In Stricker, A., Calongne, C., Truman, B. and Arenas, F. (Eds.) *Integrating an Awareness of Selfhood and Society into Virtual Learning*. *Advances in Educational Technologies and Instructional Design Series*. IGI Global.
- Truman, B. & Truman, J. (2017). Advancing personal learning using the Internet of Things. Creating bonds for societal inclusivity. In Stricker, A., Calongne, C., Truman, B. and Arenas, F. (Eds.) *Integrating an Awareness of Selfhood and Society into Virtual Learning*. *Advances in Educational Technologies and Instructional Design Series*. IGI Global.
- Calongne, C., Stricker, A. G., Truman, B. & Arenas, F. (2017). Cognitive Apprenticeship and Computer Science Education in Cyberspace: Reimagining the Past. In Stricker, A., Calongne, C., Truman, B. and Arenas, F. (Eds.) *Integrating an Awareness of Selfhood and Society into Virtual Learning*. *Advances in Educational Technologies and Instructional Design Series*. IGI Global.

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- Metcalf, D., Truman, B., Gomez, M. & Milliard, S. (2016). A Living Lab in Florida. IEEE Pulse. Retrieved from: <http://pulse.embs.org/may-2016/central-florida-iot-living-laboratory>
- Sweigart, L. I., Umoren, R. A., Scott, P. J., Carlton, K. H., Jones, J. A., Truman, B., & Gossett, E. J. (2016). Virtual TeamSTEPS® Simulations Produce Teamwork Attitude Changes among Health Professions Students. *Journal of Nursing Education*, 55(1), 31-35.
- Truman, B. & Metcalf, D. (2015). Advancing Interagency Collaboration through Constructive Simulation: Results from the 2015 Federal Consortium of Virtual Worlds Workshop. Proceedings of the HCI International 2015 Conference. Springer.
- Umoren, R., Stadler, D. J., Gasior, S. L., Al-Sheikhly, D., Truman, B., & Lowe, C. (2014). Global collaboration and team-building through 3D virtual environments. *c*.
- Truman, B. (2014). Transformative Interactions using Embodied Avatars within Collaborative Virtual Environments: Towards Transdisciplinarity. Retrieved from: <http://ciret-transdisciplinarity.org/biblio/theses.php>
- Stricker, A. G., Scribner, T., Calongne, C. M., & Truman, B. (2013). Learning With Simulations: Single and Multi-Player Education Role Playing Games In An Integrated Learning Environment. Retrieved from <http://www.au.af.mil/au/a46i/documents/Learning-With-Simulations-SPERPG-MPERPG-In-ILE.pdf>
- Moskal, P., Dziuban, C.D., Upchurch, R., Hartman, J., & Truman, B. (2006). Assessing Online Learning: What One University Learned about Student Success, Persistence, and Satisfaction. *Peer Review: Emerging trends and key debates in undergraduate education: Learning & Technology*, 8(4), 26-29.
- Dziuban, C., Hartman, J., Moskal, P., Sorg, S., & Truman, B. (2004). Three ALN modalities: An institutional perspective. In J. Bourne & J. C. Moore (Eds.), *Elements of Quality Online Education: Into the Mainstream* (pp. 127-148). Needham, MA: Sloan Center for OnLine Education.
- Truman, B. (2004). UCF's Exemplary Faculty Support: An Institutionalized Ecosystem. *Journal of Asynchronous Learning Networks*, 8(3). [On-line]. Available: <http://sloanconsortium.org/jaln/v8n3/ucf%E2%80%99s-exemplary-faculty-support-institutionalized-ecosystem>
- Dziuban, C.D., Moskal, P.D., Juge, F., Truman, B., Sorg, S. & Hartman, J. (2003). Developing a web-based instructional program in a metropolitan university. In B. Geibert & S. H. Harvey (Eds.), *Web-wise learning: Wisdom from the field* (pp. 47-81). Philadelphia, PA: Xlibris Publications.
- Hartman, J. L., & Truman-Davis, B. (2001). The holy grail: Developing scalable and sustainable support solutions. *C. Barone & P. Hagner (Vol. Eds.), EDUCAUSE leadership strategies*, 5, 45-56.
- Hartman, J. L., & Truman-Davis, B. (2001). Institutionalizing support for faculty use of technology at the University of Central Florida. *Teaching faculty how to use technology: Best practices from leading institutions*, 39-58.
- Truman-Davis, B., Futch, L., Thompson, K., & Yonekura, F. (2000). Support for Online Teaching and Learning. *EDUCAUSE Quarterly*. 23 (2), 45-51. [On-line]. Available: <http://www.educause.edu/ir/library/pdf/eq/a002/eqm0023.pdf>
- Sorg, S. Truman-Davis, B., Dziuban, C., Moskal, P., Hartman, J., & Juge, F. (1999). Faculty Development, Learner Support, and Evaluation in Web-based Programs. *Journal of Interactive Learning Environments*, 7(2-3), 137-155.
- Morse, L. & Truman, B. (1996). A Distance Education Infrastructure, *The Journal of Academic Media Librarianship*, 4, 1.

### Technical Skills Summary

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- Writing for scientific, technical, proposals, and promotional publications
- Research design and analysis: SPSS and NVIVO
- Creative visioning, interpretation, and inquiry for Futuring
- Authoring: scenario development, desk-top publishing, photography, some video production and editing, 3D modeling, online course and instructional development, facilitation, and delivery of teaching in multiple formats
- Collaborative technologies: wikis, blogs, social bookmarking, conferencing, social media aggregation
- Project management: web-based productivity tools including Basecamp, Trello, and Open Project
- Virtual world development and management: 3D content design, creation, and management; familiarity with multiple viewers, code forks, hypergridding, event management for online conferences and events, some grid and server administration and scripting
- Systems engineering for some software development and integration. Currently for OpenSimulator  
Author of two UCF open source GPL applications, Obojobo and Materia
- Game-based learning design and some development of serious games
- Analysis using emerging information science and networking protocols for data fusion used in the Internet of Things

### Personal Career Accomplishments

- Invited keynote for the Distance Learning Administration Conference, 2017
- Invited keynote for the eLearning Consortium of Colorado, 2017
- Invited consultant/evaluator for the University of North Texas System's Online Education Program, 2015
- Invited facilitator for the 2014 speaker series, International Society of Technology in Education (ISTE) Special Interest Groups for Virtual Environments
- Publication of dissertation by the International Center for Transdisciplinary Research (CIRET)
- Tribute video from UCF administrators in 2013: <http://vimeo.com/106189735>
- Invited speaker, Universitas21, International Teaching and Learning Conference for Research Universities, University of British Columbia, Vancouver, Canada, Nov. 2011
- SACS Accreditation Representative, Distance Learning, George Mason University, 2000
- Invited speaker, Israel's Council for Higher Education Conference, 2000
- Clarita Garcia Communications Scholarship, Central Florida Public Relations Association
- Who's Who of American Universities
- Omicron Delta Kappa National Leadership Honor Society
- Who's Who American Junior Colleges
- Operation Bootstrap HUD Scholarship, one of two awarded in Orange, County, Florida in 1992
- Awarded 30 credits from CLEP examinations

### Presentations since 2009

Truman, B. (2018). Ongoing Challenges with Securing the Internet of Things (Everything). Invited presentation to the IDC6600 Emerging Cyber Issues graduate class at the University of Central Florida.

Truman, B. & Yonekura, F. (2017, Nov.). Immersive Worlds of Possibility- Bootstrap Your Digital Heritage. Presentation made at the HASTAC 2017 Conference held at the University of Central Florida in Orlando, FL.

Truman, B. (2017, Jun.). Cracking the Code on Immersive Simulation to Institutionalize Collaborative Digital Learning. Invited keynote for the Distance Learning Administration Conference. University of West Georgia.

Truman, B. (2017, Apr.). Alchemy Fundamentals. Building Trust, Communities, even Societies. Invited keynote for the eLearning Consortium of Colorado.

Umoren, R., Das, R., Sawyer, T., Lopreiato, J., Truman, B., Kim, S. & Kim, L. (2016, Jan.). Creating Engaging Virtual Simulations. 2016 International Meeting of Healthcare Simulation. Society for Healthcare Simulation. San Diego, CA.

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- Umoren, R., Sweigart, L. & Truman, B. (2015, April 23). Interprofessional Teamwork Training using TeamSTEPS Virtual Teams. Invited presentation made for the Society for Simulation in Healthcare & Institute of Medicine's Global Forum on Innovation in Health Professional Education (IHPE), Gaming Arcade, Washington, DC.
- Stricker, A., Calongne, C. & Truman, B. (2015, March 7). Insights on the Design and Use of Immersive Collaborative 3D-World Activities to Develop Closer Ties Between Creativity and Teamwork Character Strengths. Presentation made for the Federal Consortium of Virtual Worlds Workshop 2015.
- Maxwell, D., Clark-Casey, J., Daniel, R. & Truman, B. (2015, March 6). Security, Privacy, and Identity in OpenSim and Beyond. Panel presentation made for the Federal Consortium of Virtual Worlds Workshop 2015.
- Metcalf, D. & Truman, B. (2014, Dec.). Seamless Mobile Learning and Simulations. Workshop presented at the Interservice/Industry Training Simulation and Education Conference, Orlando, FL.
- Truman, B., Yonekura, F. Stricker, A. & Calongne, C. (2014, Sept. 3). Challenging Trust through Game Play: The Slippery Falls Simulation Game and Virtual Worlds Design Thinking MOOC. Presentation made for the 2014 Defense GameTech Users Conference, Orlando, FL.
- Truman, B., Calongne, C., & Stricker, A. (2014, April 23). Towards Transdisciplinarity: Leading Collaboration in Virtual Environments as Embodied Avatars. Presentation made for the 2014 TCC Online Conference.
- Calongne, C., Stricker, A., Truman, B., Murray, J., Lavieri, Jr., E., & Martini, D. (2014). Slippery Rocks and ALGAE: A Multiplayer Educational Roleplaying Game and a Model for Adaptive Learning Game Design. Presentation made for the 2014 TCC Online Conference.
- Truman, B. (2014, April 12). Social Networking Research. Presentation made for the 2014 Virtual Worlds Best Practices in Educations Online Conference.
- Guimaraes, M., Hoganson, K., Calongne, C., Truman, B. (2014, April 4). Tools and Templates for Teaching Video Game Development. Presentation made for the 2014 Foundation in Game Design Conference, Ft. Lauderdale, FL.
- Truman, B. (2014, March 18). Dialogue, a Discipline Towards Transdisciplinarity in Collaborative Virtual Environments? Presentation made for the International Society for Technology in Education's Immersive Learning Speaker Series.
- Truman, B. (2014, Feb. 25). Invited Research Presentation for the Advanced Distributed Learning Co-Lab, Orlando, FL.
- Truman, B. (2014, Feb. 12). Invited Presentation for the Public Administration Research Colloquium at the University of Central Florida.
- Truman, B. (2013, November 15). Community is Key: Realizing the Potential of Collaboration in Virtual Environments. Invited Keynote for the FantasTech Virtual Conference. J. Reynolds Community College, VA.
- Truman, B. & Yonekura, F. (2013, August 14). Harnessing Edtech Innovation Requires a Cross (Fun)ctional Guild. Society for Applied Learning Technologies Conference, Reston, Virginia.
- Truman, B. & Yonekura, F. (2013, May 20). Learning Design for use of Learner-Centered Authentic Tasks and Instructional Overlays. Invited session for the Loire Integrated Live-Virtual-Constructive (LVC) Learning Environments MOOC. Open Simulation-Moodle Platform.
- Calongne, C., Novak, K., Luchs, C., & Truman, B. (2013, April 17). GamesMooc Lurkers Welcome. TCC Online Conference.

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- Brandman, R., Truman, B., Andersen, M., & Petersen, R. (2013, April 4). MOOC Provider Panel: Coursera, Academic Partnerships, Instructure, and EdX. EDUCAUSE Learning Initiative Spring Focus Session.
- Truman, B., Yonekura, F., & Martin, T. (2013, January 28). GamesMooc Experiential Engagement and Transformation. Florida Educational Technology Conference, Orlando, FL.
- Pickett, A., Truman, B., & Shaw-Nelson, C. (2012, October 10) Invited, feature session- Best Faculty Strategies. 18<sup>th</sup> Annual Sloan Consortium International Conference on Online Learning, Orlando, FL.
- Cavanagh, T., Truman, B., & Futch, L. (2012, August 29) Invited session for online learning to senior administrators at the Federal Law Enforcement Training Center (FLETC), Glenco, GA.
- Truman, B. (2012, May 3). First Stop: Cyberspace Immersive Learning for Study Abroad Orientation. Invited session for UCF's Summer Conference, Orlando, FL.
- Calongne, C., Yonekura, F., Truman, B., & Stricker, A. (2012, June) The Alchemy and Intimacy of the Learning Genome. New Media Consortium Annual Conference hosted by MIT, Boston, MA.
- Truman, B., Campbell, G., Dorland, L., Yonekura, F., Haymes, T. & Heyden, R. (2012, June). The Past, Present, and the Future of the Networked Seminar in New Media. New Media Consortium Annual Conference hosted by MIT, Boston, MA.
- Truman, B. (2012, March 7). Must Play to Learn: Can Digital Game-Based Learning Help Us Unlock Optimal Learning Outcomes? Invited session within SUNY Learning Network Online Learning Summit 2012, State University of New York, New York, NY.
- Truman, B. (2011, December). What's in it for Everyone? Innovative Applications of Game-Based Learning. Webinar delivered to the Colorado Community College System.
- Truman, B. (2011, November). Growth with Quality: Building a Culture of Online Learning Through Strategic Educational Technology Collaboration. invited speaker for the Universitas21 Conference on Teaching and Learning held at the University of British Columbia, Vancouver, Canada
- Yonekura, F., & Truman, B. (2011, June). Everybody Wins: DIY Open Gamification 4All. Presentation made at the New Media Consortium Annual Conference, Madison, WI.
- Yonekura, F. & Truman, B. (2011, June). Who's In? UCF's Gamemaker System for Learning, Research, and Institutional Engagement. Poster presented at the Games, Learning, and Society Conference, Madison, WI.
- Truman, B. & Futch, L. (2011, February). Optimal Contact: Opportunities for Course Redesign Using Blended Learning. American Association for State Colleges and Universities (AASCU) Winter Meeting "Innovation and Collaboration: Mapping the Journey to 21st Century Institutions, Orlando, FL.
- Truman, B. & Yonekura, F. (2010, November, 4). Demonstration of UCF's Obojobo learning content-management system presented at the University of West Florida, Pensacola, FL.
- Keene, A., Resmer, M. & Truman, B. (2010, September). Rich Media: The Future Learning Environment is Here Now. NUTN Summit Leading the New Normal, Colorado Springs, CO.
- Yonekura, F. & Truman, B. (2010, June). Institutional implementations of new media -beyond ad-hoc interventions. New Media Consortium Summer Conference. Anaheim, CA.
- Keene, A., Resmer, M., & Truman, B. (2010, March) Future of Learning Platforms. Campus2015 Rich Media Conclave, Trinidad
- Ko, S., Ragan, L., & Truman, B. (2009, July). Preparing for Success: Faculty Development for Online Instruction. Department of Defense Worldwide Education Symposium, Atlanta, GA.



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Green, K., St. Arnaud, B., Truman, B., Yu, A. (2009, May 5). The Future of Technology and Education. Invited panel discussant, Collaboration and Engaging the Campus Conference, Case Western Reserve University, Cleveland, OH.

Truman, B. & Adler, S. (2009, May 5). Designing, Building, and Evaluating Electronic Portfolios- Perspectives from the Campus and Silicon Valley. Invited session, Collaboration and Engaging the Campus Conference, Case Western Reserve University, Cleveland, OH.

### **Service to the Profession**

- Track-Co-chair, Federal Consortium of Virtual Worlds Workshop, Security, Privacy & Identity, 2015
- Volunteer and organizer, OpenSimulator Community Conference 2014-2017
- Reviewed proposals and volunteered for the Virtual Worlds Best Practices in Education annual conference held in Second Life – 2012-2014
- Invited evaluator for the Sloan-Consortium 2013- 2015 International Conference, Emerging Technology Track
- Invited facilitator for International Society for Technology in Education's 2014 SIGVE speaker series
- Evaluator, Serious Games Challenge for the IITSEC Conference 2011, 2012, 2013, 2014, 2017
- Advisory Board Member, GamesMooc hosted by Front Range Community College, Colorado, 2012-2013
- Participant, VWBPE MOOC and GamesMooc, 2012-2013
- Participant, Networked Seminar in New Media MOOC. Dr. Gardner Campbell, Virginia Tech, 2011
- Journal Reviewer, International Review of Research in Open and Distance Learning
- Journal Reviewer, EDUCAUSE Quarterly 2010
- Reviewed grant proposals for Hewlett Packard's Innovations in Education Grant Program 2010
- Inaugural Faculty member to develop EDUCAUSE's Learning Technology Leadership Institute 2005-2007
- Reviewed Effective Teaching with Technology in Higher Education: Foundations for Success by Tony Bates and Gary Poole. Jossey-Bass 2002
- Southern Association of Colleges & Schools. Accreditation Reviewer for Distance Learning Programs for George Mason University 2000

### **Service to the University of Central Florida (through January 2013)**

- Distributed Learning Advisory Board Committee Member
- Office of Instructional Resources Advisory Committee Member
- Information Security Committee Member
- Continuity of Operations Committee Member
- Information Technologies & Resources Awards Planning Committee
- Search Committees: Assistant Vice President, Distributed Learning; Director of Educational Technology, College of Medicine; Director of Knowledge Management, College of Medicine; Director of the Center for Teaching and Learning twice
- LCME Accreditation Team Representation, College of Medicine, 2008
- Mentor, UCF Leadership Enhancement Program, 2004

### **Service to the Center for Distributed Learning Service at UCF (through Jan. 2013)**

- Institutional Effectiveness Co-Coordinator
- Basecamp Project Management Administrator
- Representative Military Open Source Enterprise Strategy (MOSES) Project with the US Army
- Representative Campus STEM Research Initiative
- Grants support for Gates Foundation, Sloan Consortium
- Student Academic Resource Center (SARC) Online Initiative Liaison
- Coordinator, Annual Report

### **Grant Involvement**

- 2016 \$99,500, LTS IoT Wireless Protocols Security, Co-PI
- 2015 \$180,000 Defense Information System Agency, Internet of Things Feasibility Study, Co-PI
- 2014 \$1.7M Department of Defense Grant (approved to apply for full proposal, nonfunded)
- 2014 \$97,000 TeamSTEPS Patient Safety Program, University of Indiana

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- 2011 \$250,000 EDUCAUSE Next Generation Learning Challenges Grant – Blended Learning
- 2008 \$800,000 Sloan-C Regional Campus Blended Delivery
- 1999 \$100,000 Florida Department of Education, Course Development, WebCT Training, Co-PI
- 1997 \$40,000 UCF Pegasus Disc, Co-PI
- 1995 \$800,000 Florida Distance Learning Demonstration Grant

### UCF-Unit Recognition (through January 2013)

- 2012 Sloan Consortium, Excellence in Institution-wide Online Education
- 2011 Sloan Consortium, Effective Practice in Online Education Award
- 2008 Sloan Consortium, Gomery Award for Quality Online Education
- 2006, 2009, 2011 Telly Awards for Video Productions
- 2005 EDUCAUSE national award, Systemic Teaching and Learning Award shared with Virginia Tech
- 2004-2011 State of Florida Davis Productivity Awards (multiple)
- 2003 Sloan Consortium, Excellence in Distance Learning Program Award
- 2000 United States Distance Learning Association, Best Program in Higher Education Award
- 1998 Benchmarking best practice award for teaching with technology, American Productivity and Quality Center (APQC) and State Higher Education Executive Officers (SHEEO)

### Professional Membership Involvement - Representation

- Association for Computing Machinery (ACM)
- Society for Simulation in Health Care,
- Armed Forces Communications and Electronics Association (AFCEA)
- Women in Defense
- Information Systems Security Association (ISSA)
- International Game Developers Association (IGDA)
- International Society for Technology in Education (ISTE) Member of SIGVE
- IEEE Computer Society
- Society for Applied Learning Technology
- New Media Consortium, Horizon Retreat Member
- Rich Media Conclave, Trinidad, 2010
- EDUCAUSE Annual Conference Program Committee and Chair, Teaching and Learning Track, 2009
- EDUCAUSE Search Committee for Associate Director, Learning Initiative, 2009
- EDUCAUSE Alternate Reality Game Planning Group for annual Learning Initiative Conference, 2009
- EDUCAUSE inaugural faculty member, Learning Technologies Leadership Institute, 2005-2007
- EDUCAUSE Learning Initiative Annual Program Committee Member, 2006
- EDUCAUSE Seminars in Academic Computing Annual Program Committee Member, 2006
- American Association for State Colleges and Universities (AASCU) conference planner with UCF, 2004-2011

### Outside Interests

- Reading and participating in book clubs
- Translating abstract concepts into collaborative virtual environments
- Informal science learning, especially space-related
- Playing and designing games for multiple formats
- Cross-generational, community learning

### References

Dr. Charles Dziuban Director and Pegasus Professor Research Initiative for Teaching Effectiveness Center for Distributed Learning University of Central Florida 4000 Central Florida Blvd LIB107 Orlando, FL 32816-2810 407-823-5478	Co-worker, co-director, and co-author within the Center for Distributed Learning at UCF. Assisted with the evaluation of online programs that my unit produced for UCF.
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Dr. Patsy Moskal Associate Director Research Initiative for Teaching Effectiveness Center for Distributed Learning University of Central Florida 4000 Central Florida Blvd LIB107 Orlando, FL 32816-2810 407-823-0283 Patsy.Moskal@ucf.edu	Co-worker, co-author, and colleague serving on institutional effectiveness committee at UCF. Also served as a member of my dissertation committee.
Dr. Thomas Cavanagh Associate Vice Provost Division for Digital Learning University of Central Florida Partnership II Room 234 Orlando, FL 32816-3271 407-823-4913 Thomas.Cavanagh@ucf.edu	Co-worker then boss who assumed responsibility for the unit I founded at UCF through a reorganization resulting from 49% budget cuts in the State of Florida.
Dr. Cynthia Calongne Professor of Computer Science Colorado Technical University 4435 N Chestnut St Colorado Springs, Colorado, 80907-3895 (719) 337-1526 calongne@pcisys.net	Professor and dissertation chair. Coauthor and co-presenter. Member of the Virtual Harmony Salon weekly collaboration group.
Dr. Andrew Stricker Distributed Learning Architect Squadron Officer College The Air University Maxwell Air Force Base Montgomery, Alabama (334) 953-1095 andrew.stricker@maxwell.af.mil	Professor and dissertation committee member. Leader of the Virtual Harmony Salon weekly collaboration group.
Dr. Douglas Maxwell, MSME Sr. Research Engineer Learning and Training Systems Division Aptima, Inc. Phone: 321-696-4252 E-mail: dmaxwell@aptima.com	Colleague, co-researcher and grant sponsor for the Military Open Simulation Enterprise Strategy virtual world, training research initiative.