

Gordon Carlson, PhD

PhD: University of Illinois at Chicago, Department of Communication; Electronic Visualization Laboratory

Associate Professor, Communication Studies

Fort Hays State University
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 fhsu.edu/newmedia

My work makes practical connections between a range of communication theories and I enjoy working with colleagues and students on transdisciplinary research that addresses cognitive aspects of immersive technologies and virtual learning experiences. The new media concepts of disruption and convergence are a major inspiration for my teaching and research that aims to provide traditionally underrepresented groups access to meaningful learning and commercial opportunities.

Education

Ph.D., New Media Communication (2012)

University of Illinois at Chicago, Advisor and Chair: Steve Jones

Dissertation: “Channel Surfing Knowledge: A Narrative Criticism of Edutainment Television Programming” investigates the narrative components of edutainment aimed at diverse audiences as a way of informing modern modes of learning.

Areas of Study: Communication Theory Connections, Virtual and Mixed Reality, New Media and History of Technology, Media Literacy, Convergence, Edutainment, Research Methods.

Member of National Science Foundation program to recreate an intelligent, virtual human using 3D graphics, speech recognition, and intelligent natural language processing.

<http://www.evl.uic.edu/core.php?mod=4&type=1&indi=331>

MAIS, Communication and Adult Education (2005)

Oregon State University

Thesis: “RTFM N00b: Criticizing Internet Based Instructional Documents as a Rhetorical Genre” investigates communication strategies in technical communication between experts and a general audience to improve communication about advanced technology applications.

BS, Speech Communication and Computer Science (2004)

Oregon State University

Experience

Professor of Communication Studies

Associate Professor, 2018 – Current

Assistant Professor, 2012 – 2018

Fort Hays State University, Hays, Kansas

- **Courses Taught:** 3D Visualization and Virtual Spaces (682), New Media Communication (680), Contemporary Theories in Communication (800), Communication Issues and Applications (degree capstone course 490), Communication and the Information Society (theory course 208), Multimedia Production (635), Leadership in Organizations (817), Coaching and Mentoring (614), Organizational Communication (318), Recruiting and Interviewing (613)
- **Member of Graduate Faculty:** Teach, advise, and direct research for undergraduate and graduate students; Direct multiple transdisciplinary, independent student research projects including Communication Studies, Psychology, Informatics, Computer Science, Chemistry, Agriculture, University Library, Honors College, and University Administration
- Work with diverse student body including international, English as second language, non-traditional, first generation, socio-economically disadvantaged, military, online, and part time

Director

Institute for New Media Studies, FHSU, Hays, Kansas: 2014 – Current <www.fhsu.edu/newmedia>

- As Director of the *Institute for New Media Studies*, responsible for executing research projects, budgeting and acquiring external funding, hiring and managing staff, and liaising with internal and external partners

Instructor and Lecturer

University of Hawaii – Windward, Hawaii

Hawaii Pacific University, Hawaii

2010 – 2011

Mass Media (3000), Public Speaking (151), Team Building (3350)

Truman College, Chicago, Illinois

2008 – 2010

Public Speaking (101)

University of Illinois at Chicago, Chicago, Illinois

2010

Intercultural Communication (303)

Oregon State University, Corvallis, Oregon

2004 – 2005, 2007

Advanced Persuasion (316), Public Speaking (111),
Taught groups of 15-25 and over 100

Researcher

University of Illinois at Chicago Electronic Visualization Lab, Chicago, Illinois: 2007 – 2010

- Conducted user studies for National Science Foundation grant-funded research project on lifelike avatars for communicating with artificial intelligence systems
<http://www.evl.uic.edu/cavern/lifelike/>
- Presented to academics, potential partners (academic and industry), and government officials
- Researched and applied human communication and psychology models to 3D avatar systems working with computer science and communication teams to integrate technology and theory

Software and Technical Trainer

Oregon State University, Corvallis, Oregon: March 2006 – August 2007

- Designed curriculum for training university faculty, staff, and students in technical and non-technical skills including mediated communication and desktop computing
- Responsible for independent research of best practices for training diverse clientele

Independent Communication Consultant

2003 – 2013

- Provided comprehensive advice on electronic and print communication strategies for non-profit and for-profit organizations
- Clients included: UAW - Labor Employment and Training Corporation, KWAX Radio, Raasch Construction, Hole in One Productions, Independent State Farm Agent, Oregon State University, Business Enterprise Center, Gal About the Globe, iDNAS, Safe Haven Humane Society, and University of Illinois at Chicago Alumni Association

Funding

Co-Principal Investigator. "The Modular Smart Classroom: Anchoring Communities with Interactive Learning Spaces". PI is Claire Nickerson. Institute for Museum and Library Services, National Leadership Grants for Museums. Aug 2018: **\$61,889** (awarded, project in progress)

Principal Applicant. Unity Education License Grant Program. Supported 3D research software Unity3D for Institute for New Media Studies lab. Sep 2018: **\$15,000** (awarded)

Co-Principal Investigator. "Analysis of Relationship Between Content and Interaction in the Usability Design of 360° Videos." Undergraduate Research Experience Grant. Dec 2017: **\$4,500** (awarded)

Senior Personnel. "CC*DNI Enhanced Data Delivery at Fort Hays State University". PI is David E. Schmidt. National Science Foundation. Contributed information and written content used in submitted version. Portion of funds are designated for myself and the Institute for New Media Studies. Dec 2015: **\$350,000** (awarded)

Co-Investigator. "To Buy or Not to Buy?: The Effect of Accent on Consumer Behavior". PI is Hsin-Yen Yang, Co-Investigator is Emi Moriuchi. Undergraduate Research Experience Grant. Oct 2015: **\$2,000** (awarded)

Principal Investigator. "Visualizing Physical Science Concepts as Virtual Reality Open Education Resources". Undergraduate Research Experience Grant. Sep 2015: **\$3,490** (awarded)

Principal Investigator. "Tiger Range: Creating Virtual Reality Models of a University Campus". St. Cloud Technical and Community College. Aug 2015: **\$8085.11** (awarded)

Project Director. "Transdisciplinary Uses of 3D Interactive Smart Tables". Fort Hays State University. Dec 2014: **\$11,150.** (awarded)

Project Director. "Distinguished Guest Speaker: Mia Consalvo, Professor and Canada Research Chair in Game Studies & Design". Travel, honorarium, event publicity, and event costs such as food. Nov 2014: approx **\$6,000** (awarded)

Principal Investigator. "Visualizing 3D Space as a Community Service". Undergraduate Research Experience Grant. Oct 2014: **\$4,660.00.** (awarded)

Principal Investigator. "New Media Studies Center". Red Balloon Project. June 2014: **\$21,740.** (awarded)

Principal Investigator. "Visualizing Concepts in Communication Research in 3D". Undergraduate Research Experience Grant. Sep 2013: **\$4,000.** (awarded)

Principal Investigator. "Using OER in Multimedia Production". Open Education Resource Course Design. Sep 2013: **\$500.** (awarded)

7th European Spring School on Science Education. Competitive Travel and Attendance Grant. May 2013: **\$400.** Menorca, Spain. (awarded)

7th European Spring School on Science Education. Competitive Research Funding. May 2013: **\$1200.** FHSU. (awarded)

Principal Investigator. National Communication Association Grants to Advance the Discipline. "Conceptual Logistics in Communication Research Workshop". Oct 2012: **\$1,878.60.** (awarded)

Competitive Travel/Education Grant. Foreign Languages Teaching and Research Press National English Debate Championships. Invited Adjudicator and Trainer. 2010: **\$2,500.** Beijing, China. (awarded)

Principal Investigator. Diversity and Equality Initiative. 2011: **\$550**. University of Hawaii.
(awarded but not executed)

Principle Investigator. "EQUIPPING User Interfaces for Public Safety (EQUIPS)". National Institute of
Standards & Technology. Dec 2017: **\$785,000** (finalist, declined, reworking for NSF)

Principal Investigator. "Coding Collected Research Papers to Create a Simple Information
System". Google Faculty Research Awards. Oct 2014: **\$9,787.00**. (declined)

Graduate College Travel Award. University of Illinois at Chicago: 2011 - **\$300**; 2009 - **\$100**; 2008 - **\$500**

Research Assistantship with tuition waiver and stipend. 2007-2010, University of Illinois at Chicago.

Teacher Assistantship with tuition waiver and stipend. 2004-2005, Oregon State University.

In Progress, Under Review, Under Revision

Principal Applicant. Unity Education License Grant Program. Supported 3D research software Unity3D
for Institute for New Media Studies lab. Sep 2019: **\$15,000** (submitted, under review)

Principle Investigator. "Virtual and Augmented Reality Platform for Dynamic Public Safety Training and
Innovation". National Science Foundation. **\$740,000** (2020 submission)

Principal Investigator. "Deploying Immersive Smart Classrooms for Next Generation Learning".
Institute for Museum and Library Services, National Leadership Grants for Libraries. **\$245,000**
(Mar 2020 Submission)

Research

Articles and Chapters

Caporusso, N., Carlson, G., Ding, M., Zhang, P. (2020). "Immersive Virtual Reality Beyond Available
Physical Space". T. Ahram (Ed.): *Advances in Human Factors in Wearable Technologies and
Game Design*. AHFE 2019. v. 973, 1–10. Springer Nature.

Carlson G., Caporusso N. (2019). "A Physically Immersive Platform for Training Emergency Responders
and Law Enforcement Officers". In Nazir S., Teperi AM., Polak-Sopińska A. (Eds) *Advances in
Human Factors in Training, Education, and Learning Sciences*. AHFE 2018. *Advances in
Intelligent Systems and Computing*. v. 785, 108-116. Springer, Cham.

Caporusso N., Ding M., Clarke M., Carlson G., Bevilacqua V., Trotta G.F. (2019). "Analysis of the
Relationship Between Content and Interaction in the Usability Design of 360° Videos". In Ahram
T., Falcão C. (Eds) *Advances in Usability, User Experience and Assistive Technology*. AHFE 2018.
Advances in Intelligent Systems and Computing, v. 794, 593-602. Springer, Cham.

- Carlson, G., Sosnoski, J. (2017). "Conceptual Logistics as a Form of Critical Pedagogy". *International Journal of Critical Pedagogy*. 8(1), 7-32.
- Carlson, G. (2016). "Conceptual Blends". *The SAGE Encyclopedia of Theory*. James Mattingly (Ed). New York: SAGE.
- Carlson, G. (2014). "Library of Congress Twitter Archiving Project". *International Encyclopedia of Social Media and Politics*, 1287-1288. New York: SAGE.
- Carlson, G. (2014). "Groupthink". In Gianpietro Mazzoleni (Ed.) *The International Encyclopedia of Political Communication*. New York: Wiley-Blackwell & International Communication Association.
- Sosnoski, J., Carlson, G. (2013). "Coding Collected Research Papers to Create a Simple Information System". *International Journal of Sociotechnology and Knowledge Development*. 5(4), 38-58. October-December 2013 (Winter 2013).
- Gonzalez, A. J., Leigh, J., DeMara, R. F., Johnson, A., Jones, S., Lee, S., Hung, V., Renambot, L., Leon-Barth, C., Brown, M., Elvir, M., Hollister, J., Kobosko, S., Carlson, G. (2013). Passing an Enhanced Turing Test – Interacting with Lifelike Computer Representations of Specific Individuals. *Journal of Intelligent Systems*. Volume 22(4), 365-415.
- Carlson, G., Sosnoski, J. (2013). Infectious Textbooks: How forcing thinking into print infects lively minds. *Zombies in the Academy: Living death in higher education* A. Whelan, C. Moore, R. Walker (Eds.). 157-172. United Kingdom: Intellect Press.
- Lee, S., Carlson, G., Jones, S., Johnson, A., Leigh, J., Renambot, L. (2010). Designing an Expressive Avatar of a Real Person. *Proceedings of the 10th International Conference*, 64-76. IVA 2010, Philadelphia, PA: 20 Sep 2010.
http://www.evl.uic.edu/files/pdf/LifeLike_IVA2010_Paper.pdf
- DeMara, R., Gonzalez, A., Hung, V., Leon-Barth, C., Dookhoo, R., Jones, S., Johnson, A., Leigh, J., Renambot, L., Carlson, G., Lee, S. Towards Interactive Training with an Avatar-based Human-Computer Interface. *Interservice/Industry Training, Simulation, and Education Conference (I/ITSEC)*. Orlando, Florida. Conference proceedings 2008.
<http://www.evl.uic.edu/files/pdf/avatar08.pdf>
- Goodnow, T. & Carlson, G. S. (2007, Spring/Fall). Assessing the range: A comparative analysis of A.F.A. - N.I.E.T. and N.F.A. rating points. *National Forensics Journal* 25, 1-13.

In Progress, Under Review, Under Revision

- Carlson, G., Caporusso, N., Ding, M., Zhang, P. (2019). Physically-Immersive Virtual Reality: Engaging Users Beyond Physical Space. *Media and Communication*. (submission late 2019)
- Carlson, G. A Narrative Model of Television Based Edutainment as an Approach to Analyzing Casual Learning Environments. *New Media and Society*. (submission early 2020)

Conference Presentations

- Nickerson, C., Carlson, G. (2020). "Build Your Own Low-Cost Immersive Classroom". American Library Association Midwinter, Philadelphia, Pennsylvania. Jan 2020 (under review)
- Carlson, G., Nickerson, C. (2019). "A New Approach to the Interactive Smart Classroom for Digital Humanities". Chicago Colloquium on Digital Humanities and Computer Science, Chicago, Illinois. Nov 2019.
- Nickerson, C., Carlson, G. (2019). "The Smart Classroom for Data Literacy and Digital Humanities". Liberact V Conference on User Interaction Including Immersive Environments, Large Scale Visualization, and Interactive Based Computing, Raleigh, North Carolina. Nov 2019. (Nickerson Presenting)
- Caporusso, N., Zhang, K., Carlson, G., Patchin, D., Jachetta, D., Vaughn, N., Romeiser, S. (2019). "User Discrimination of Content Produced by Generative Adversarial Networks". 1st International Conference on Human Interaction and Emerging Technologies (IHET 2019), Nice, France. Aug 2019. (Caporusso Presenting)
- Carlson, G., Nickerson, C. (2019). "Create an Immersive Environment with the Smart Classroom". 20th Annual Summer Institute on Distance Learning, Hays, Kansas. Jul 2019.
- Caporusso, N., Carlson, G. (2019). "Immersive virtual reality beyond available physical space". 10th International Conference on Applied Human Factors and Ergonomics, Washington, DC. Jul 2019.
- Carlson, G., Clarke, M., Caporusso, N., Perez, A., Jacobs, C., Ding, E., (2018). "Best of Both Worlds: Combining 360 Video and Augmented Reality for Understanding and Creating Narrative." Digital Frontiers & University of Kansas Institute for Digital Research in the Humanities – Finding Community in Digital Humanities, Lawrence, Kansas. Oct 2018.
- Caporusso, N., Carlson, G., Clarke, M. (2018). "Analysis of the Relationship Between Content and Interaction in the Usability Design of 360° Videos". 9th International Conference on Applied Human Factors and Ergonomics, Orlando, Florida. Jul 2018.
- Caporusso, N., Carlson, G. (2018). "Creating a Realistic VR Simulator and Trainer for Law Enforcement and Emergency Responders". 9th International Conference on Applied Human Factors and Ergonomics, Orlando, Florida. Jul 2018.
- Carlson, G. (2018). "Best of Both Worlds: Combining 360 Degree Video and Augmented Reality for Entertainment, Journalism, and Storytelling", 2018 Scholarly and Creative Activities Day, Fort Hays State University, Hays, Kansas. Apr 2018.
- Carlson, G. (2017). "Conceptual Logistics as a Method of Understanding Diversity", Michael Tilford Conference on Diversity and Multiculturalism: Intentional Diversity: What is Your Part in Moving Kansas Forward?, Fort Hays State University, Hays, Kansas. Oct 2017.

Carlson, G. (2017). Member of “Beyond Blackboard: Creating the New Media Classroom”, Central States Communication Association Annual Conference, Minneapolis, Minnesota. Mar 2017. Presented on virtual reality and mediated learning tools. **Selected for Top Panel in Instructional Resources Interest Group**

Carlson, G. (2017). “Virtually Everything to Know About the Reality of Virtual Reality in the Classroom”, Central States Communication Association Annual Conference, Minneapolis, Minnesota. Short Course. Mar 2017.

Carlson, G. (2017). “Board, Cards, and Dice: Creating Games to Learn and Teach Communication Theories”, Central States Communication Association Annual Conference, Minneapolis, Minnesota. Great Ideas for Teaching. Mar 2017.

Moriuchi, E., Carlson, G. “Say What?: The Role of Accent in Online Ads and its Impact on Consumers’ Reactions toward Advertisements and Purchasing Intentions”, Society for Marketing Advances Annual Conference. Atlanta, Georgia. Nov 2016.

Carlson, G., Helens, J., Berquist, V. “Virtual Campus Project: A Wayfinding and Visualization System for Campuses”, STEMtech Conference (League of Innovation). Philadelphia, Pennsylvania. Nov 2016.

Carlson, G., Sosnoski, J. “Conceptual Logistics as a Form of Critical Pedagogy”, Central States Communication Association Annual Conference. Grand Rapids, Michigan. Apr 2016. **Selected for Top Paper Panel in Communication Theory Division**

Carlson, G. “Explaining and Visualizing Complex Theories”, Central States Communication Association Annual Conference. Grand Rapids, Michigan. Apr 2016.

Presenter, “Blinded by the Like: Using New Media Philosophy to Challenge Students to Think Critically and Analytically about Social Media Use”, Central States Communication Association. Madison, Wisconsin. Apr 2015.

Carlson, G. “A Communication Model for a Convergent Era”, Central States Communication Association. Madison, Wisconsin. Apr 2015.

Carlson, G. “Convergence in Communication Between Governments and Citizens”, Central States Communication Association. Madison, Wisconsin. Apr 2015.

Jones, S., Carlson, G. “Transferring Knowledge by Constructing and Deploying Realistic 3D Avatars for Intelligent Information System Interfaces (Revised)”, National Communication Association. Chicago, Illinois. Nov 2014.

Carlson, G. “A Multi-variable Approach to Diversity in the Classroom”, National Communication Association. Chicago, Illinois. Nov 2014.

Dimock, J., Key, A., Rogers, J., Carlson, G. “One Hundred Years of Progress ... But are we Going in the Right Direction? The Woolbert–Hunt Debates Revisited”, National Communication Association. Chicago, Illinois. Nov 2014.

Sosnoski, J., Carlson, G. "Coding Collected Research Papers to Create a Simple Information System", International Communication Association. Seattle, Washington. May 2014.

Carlson, G. "A Narrative Framework for Edutainment on Television and Beyond", International Communication Association. Seattle, Washington. May 2014.

Carlson, G. "Visualizing Communication Concepts in 3D", Central States Communication Association (GIFT). Minneapolis, Minnesota. Apr 2014.

Sosnoski, J., Carlson, G. "The Analysis of Research Discourses in the Study of Communication", Central States Communication Association. Minneapolis, Minnesota. Apr 2014.

Panelist, Discussion Panel: "Elevating our Understanding of the Complexity of Organizations: A Discussion Panel on the Bright and Dark Sides of Workplace Communication", Central States Communication Association. Minneapolis, Minnesota. Apr 2014.

Submitting Panelist, Discussion Panel: "The (not so) Basic Course: Challenging the Way We Approach the Foundational Class", Central States Communication Association. Minneapolis, Minnesota. Apr 2014.

Jones, S., Carlson, G. "Transferring Knowledge by Creating and Deploying Realistic 3D Avatars for Intelligent Information Systems", Western States Communication Association. Anaheim, California. Feb 2014. **Selected as Top Paper in Language and Social Interaction Division.** Steve Jones presenting.

Carlson, G. "Sports as Culture: Carey Revisited", Association of Internet Researchers, Denver, Oct 2013.

Carlson, G. "How-to-Know is more important than What-To-Know", Association of Internet Researchers, Denver, Oct 2013.

Carlson, G. "Conceptual Blending in Communication Classrooms", Central States Communication Association, Kansas City, Apr 2013.

Carlson, G. Sosnoski, J. "Electronic Versus Print Reference Works in Communication Theory", Central States Communication Association, Kansas City, Apr 2013.

Carlson, G., Sosnoski, J. "The Conceptual Logistics Project: Creating a Multimodal Environment for Communication Research", Ubiquitous Learning Conference, Urbana-Champaign, Oct 2012. Jim Sosnoski presenting.

Carlson, G. "Rethinking Television Learning: A Narrative Framework for Edutainment Television", National Communication Association Annual Conference, Orlando, Nov 2012.

Carlson, G. "Preventing Intellectual Zombies", Short course at National Communication Association Annual Conference, New Orleans, Nov 2011.

Carlson, G. Sosnoski, J. "Infectious Textbooks: How forcing thinking into print infects lively minds", Faculty Scholarship Conference, Honolulu, HI. Jan, 2011.

- Carlson, G. "Conceptual Logistics: A Primer", UICC Annual Conference, Chicago, 2010
- Carlson, G. "The Flea Market of Ideas: Trinkets and Knockoffs in Contemporary Mediated Political Discourse", Midwest Political Science Association, Chicago, Illinois. March, 2010.
- Carlson, G. "Avoiding a Technoplist Metaphor: Evaluating the Use of Explanatory Metaphors in Technical Communication", National Communication Association, Chicago, Illinois. November 2009.
- Carlson, G. "Defining an Expert: Credentials and Barriers to Entry in Online Support Forums", Association of Internet Researchers Annual Conference, Copenhagen, Denmark. 2008.
- Carlson, G. "The Hypertext Inquisition: Virtual Ethnography as a Method for Web History", Web_histories Conference, Aarhus, Denmark. 2008.
- Carlson, G. "Peeling 'The Onion': Exploring Constructive Subversion via Ideological Criticism", Northwest Communication Association Annual Conference, Coeur D'lane, Idaho. 2005.

Conferences and Trainings Attended

- "Digital Humanities Forum: Bodies, Justice, Futures". Institute for Digital Research in the Humanities, Lawrence, Kansas. Oct 2019
- "UAS Tech Forum". Kansas State University, Salina, Kansas. Aug 2019
- "Midwest Big Data Hub Digital Agriculture All-Hands Meeting". Kansas State University, Salina, Kansas. Aug 2019
- "3D Basecamp". SketchUp (Trimble), Palm Springs, Florida. Sep 2018.
- "CSCA Annual Conference". Central States Communication Association, Milwaukee, Wisconsin. Apr 2018.
- "Consumer Electronics Show (CES)". Consumer Technology Association, Las Vegas, Nevada. Jan 2018.
- "Unite Austin" Training and Learning Conference. Unity Technologies, Austin, Texas. Oct 2017.
- "Digital Humanities Forum: Digital Storytelling and the Humanities". Institute for Digital Research in the Humanities, Lawrence, Kansas. Sep 2017
- "Digital Humanities Forum: Places, Spaces, Sites: Mapping Critical Intersections in Digital Humanities". Institute for Digital Research in the Humanities, Lawrence, Kansas. Sep 2016
- "Technology Issues: AutoCAD Explore 2015 Novice/Expert". Transcript credited course at Fort Hays State University (TECS 606), Hays, Kansas. Jun 2015.

Contributions to News, Popular Press, and Social Media

Carlson, G. (2016). *Tiger Range: Real Uses of Virtual Technologies at the Institute for New Media Studies*. C2C Digital Magazine (Fall 2016 / Winter 2017).

<http://scalar.usc.edu/works/c2c-digital-magazine-fall-2016--winter-2017/index>

Project LifeLike featured in: Leigh, J. (2011). Profile: Jason Leigh. *NOVA ScienceNOW*.

<http://www.pbs.org/wgbh/nova/tech/jason-leigh-avatars.html>

Project LifeLike featured in: Project LifeLike Team. (2010). Immortal Avatars. *Pop Sci's Future Of*.

<http://www.sciencechannel.com/tv-shows/pop-scis-future-of/videos/popscis-future-of-immortal-avatars.htm>

Carlson, G. (2010). Winning or learning? The proper role of debate in an academic community. *iDebate Magazine* 9(4), pp. 60-61.

<http://idebate.org/magazine/files/Magazine4d516ba728308.pdf>

Project LifeLike featured in: Goman, C. K. (2009). The High-Tech Future of Body Language. *The Washington Post*. 22 Oct 2009.

http://views.washingtonpost.com/leadership/leadership_playlist/2009/10/the-high-tech-future-of-body-language.html

Invited Speaker/Presentations

"A Range of Realities: VR, AR, MR, XR, and Beyond", Science and Mathematics Education Institute via Science Cafes (www.sciencecafes.org), Dec 2019.

"Smart Classroom as Interactive Exhibit on Immersive, Life-Size 3D Models", Fort Hays State University Foundation and Alumni Association, Oct 2019.

"Revisit the Past, Unleash the Future: The Smart Classroom for Historical Experiential Learning", Forsyth Library, Oct 2019.

"The Reality of Virtual Reality", American Democracy Project Times Talk, Fort Hays State University, Apr 2017. <http://fhsuguides.fhsu.edu/c.php?g=74380&p=4592704>

"Virtual Campus: Wayfinding for St. Cloud Technical and Community College", St. Cloud Technical and Community College, Aug 2016.

"English Speaker's Corner", Northwest University for Nationalities, Lanzhou, China. May 2016.

"Visualizing 3D Spaces – Using Software to Communicate about Public Spaces", Northwest University for Nationalities, Lanzhou, China. May 2016.

"Important Concepts in New Media", Hexi University, Gansu, China. May 2016.

"The Big Stupid Internet: Why You Should Fear It", American Democracy Project Times Talk, Fort Hays State University, Nov 2015.

"New Media and Journalism", Kansas Scholastic Press Association Fall Conference, Sep 2015.

“Tiger Range: A Virtual Reality Model of Fort Hays State University”, University-wide presentation with COMM 490 students, Fort Hays State University, May 2016.

“Nerves of Steel: Handling Anxiety Associated with Preparing and Delivering a Public Speech”, Freshman Seminar Course, Fort Hays State University, Sep 2015.

“National Library Week: A Virtual Reality University Library”, Forsyth Library, Hays, KS, Apr 2015.

“10,000 Years of Human Communication in 30 Minutes”, Science and Mathematics Education Institute via Science Cafes (www.sciencecafes.org), Hays, KS, Jan 2015.

“3D in New Media: A Three Dimensional World Needs Three Dimensional Communication”, Faculty Research Association, Fort Hays State University, Dec 2014.

“A Practical Guide to Overcoming Speech Anxiety”, Freshman Seminar Course, Fort Hays State University, Sep 2014.

“New Media Approaches to Knowledge and Learning”, Colloquium Series, University of Kansas, Sep 2014.

“Conceptual Blending: A New Media Approach to Learning”, MBA Class, Fort Hays State University, Jan 2014.

“Communication Apprehension”, Freshman Seminar, Fort Hays State University, Sep 2013.

“Convergence and Media: 10,000 Years of Human Communication in 30 Minutes”, American Democracy Project Times Talk, Fort Hays State University, Apr 2013.

“New Media Research”, Graduate Level Theory Course, Fort Hays State University, Nov 2012.

“Conceptual Logistics in Communication Research”, University of Illinois, Nov 2011.

“Improving Competitive Debate Skills”, Guest Instructor, Hawaii Pacific University, Oct 2009.

“Converging Technologies: Past, Present, Future”, Guest Instructor, Hawaii Pacific University, Oct 2009.

“Ancient Rhetoric and Modern Persuasion”, University Presentation, Hawaii Pacific University, Oct 2009.

“Nonverbal Communication and Interactive Avatars”, University of Illinois at Chicago, Sep 2009.

“Avatars and Tomorrow: Project LifeLike”, *The Future is Prologue* ICA pre-conference, May 2009.

Carlson, G., Goodnow, T. “Techniquette: Communication RULES in a Technological Age”, Oregon State University Extension Service Annual Conference, Corvallis, Oregon, 2006.

“Communicating Your Science Research to General Audiences”, Faculty and Doctoral Student Training, Oregon State University: College of Oceanic and Atmospheric Sciences, 2005.

Past and Current Professional Memberships

National Communication Association, Member
Central States Communication Association, Member
International Communication Association, Member
Association of Internet Researchers, Member
Association of Internet Researchers, Executive Committee Member
Society for Conceptual Logistics in Communication Research, Executive Director

Licenses and Certifications

Remote Pilot Certificate. Federal Aviation Administration license for commercial operation of unmanned aerial vehicles. Jan 2019 – Current

Service

To the Discipline

Chair, Great Ideas for Teaching Division, Central States Communication Association. 2017 – 2018.

Vice Chair, Great Ideas for Teaching Division, Central States Communication Association. 2016 – 2017.

Secretary, Great Ideas for Teaching Division, Central States Communication Association. 2015 – 2016.

Reviewer, Central States Communication Association Annual Conference. 2014, 2016 – 2018.

Reviewer, “The Current Status and Future Trends of digital Campus in China”, Book Chapter. 2016.

Reviewer, *International Journal of Critical Pedagogy*. 2013 – 2016.

Reviewer, National Communication Association Annual Conference. 2013 – 2016.

Reviewer, *Iowa Journal of Communication*. 2012 – Current.

Reviewer, *New Media & Society*. 2009 – 2015.

Respondent, “Images of Organizations and Work in Film and Television”. *National Communication Association Annual Conference*, Nov 2015 (competitively selected)

Executive Committee Member (elected position), *Association of Internet Researchers*. 2009 – 2011.

Panel Organizer and Chair, “Syllabversion: Challenging the Norms in Communication Education”, Central States Communication Association, Apr 2014

“Concepts in the Classroom”, Open Access Video about using Conceptual Logistics in the classroom, Funded by NCA grant (2013)
<http://youtu.be/ka8bLKuxd4g>

“Conceptual Blending”, Open Access Video about using conceptual Blending in the classroom, Funded by NCA grant (2013)

<http://youtu.be/DJHjSJQ0afw>

Panel Chair, conference *The Networked Self: Identity, Community, Culture on Social Network Sites*. Chicago, Illinois. May 2009.

Quoted reviewer in *Speak Up! An Illustrated Guide to Public Speaking*, 2nd Ed.

To the Institution

Member, Research and Recommendation Team for Adoption of Artificial Intelligence Technologies for Student Learning (part of president’s institutional strategic plan implementation), 2019 – Current.

Member, Communication Studies Faculty Search Committee, 2019.

Member, Honors College Innovation Committee, Fort Hays State University, 2018 – Current.

Member, Master’s Thesis Committee, 2018 – 2019.

Chair, Organizational Communication Faculty Hiring Committee, Fort Hays State University, 2017.

Member, University Library Committee, Fort Hays State University, 2016 – Current.

Member, Graduate School Student Appeal Committee, Fort Hays State University, 2016.

Member, Honors College Curriculum Committee, Fort Hays State University, 2016 – 2018.

Member, Honors College Academic Subcommittee, Fort Hays State University, 2016 – 2018.

Member, Technology Advisory Council, Fort Hays State University, 2015 – 2017.

“Institute for New Media Studies: Connecting K12 to College”, Cimarron Elementary School Fieldtrip (54 students), Fort Hays State University, Nov 2016.

“New Media Tools for Math and Science”, Kansas Academy of Math and Science, Fort Hays State University, Oct 2016.

“New Media and Astronomy”, Astronomy Club, Fort Hays State University, Sep 2016.

“Virtual Reality and New Media in the Classroom”, Professional Development Day, Fort Hays State University, Aug 2016.

Instructor, Hispanic College Institute (STEM Day), Fort Hays State University, Jun 2016.

“Using Virtual Reality in the Classroom”, Technology Services Spring Open House, Fort Hays State University, Apr 2016.

Judge, Fort Hays State University Regional Science and Engineering Fair, Science and Mathematics Educational Institute, Mar 2016.

Presenter, New Faculty and Staff Orientation Campus Tour, Aug 2015 and Aug 2016.

“New Media Brainstorming Session”, Entrepreneurship Club, Fort Hays State University, Nov 2015.

Host, Cimarron Elementary School Field Trip to FHSU (47 fifth graders visited the Institute for New Media Studies), Nov 2015.

“New Media Workshops”, Institute for New Media Studies, Fort Hays State University

“Visualizing Concepts”, Sep 2015

“3D Scanning and Print”, Oct 2015

“Advanced Technologies for Interactive Collaboration”, Nov 12

“Virtual Reality in the Classroom”, Dec 2015

Member, Learning Commons Search Committee, Forsyth Library, 2015.

“Nerves of Steel: Handling Anxiety Associated with Preparing and Delivering a Public Speech”, Freshman Seminar Course, Fort Hays State University, Sep 2015.

“A Practical Guide to Overcoming Speech Anxiety”, Freshman Seminar Course, Fort Hays State University, Sep 2014.

Judge, Scholarly and Creative Activities Day (SACAD), Fort Hays State University, Apr 2014.

“Conceptual Blending: A New Media Approach to Learning”, MBA Class, Fort Hays State University, Jan 2014.

“Communication Apprehension”, Freshman Seminar, Fort Hays State University, Sep 2013.

“Conceptual Logistics Workshop”, Fort Hays State University, Nov 2013.

<http://tinyurl.com/m3aa5gm>

“Visualizing Communication Concepts: Undergraduate Research into 3D Modeling of Communication Theory”, teach independent course and direct study with team of undergraduate researchers and liaising with library to use advanced 3D visualization technology. (Jan – May 2014)

Co-Chair, College of Arts and Science Innovative Technology Committee, Fort Hays State University. Determine objectives for project calls, evaluate project proposals from faculty, and disburse funds according to merit. (2014 – 2015)

Member, Next Generation Faculty Working Group, Fort Hays State University (2013 – 2015)

http://www.slideshare.net/FHSU_Provost/looking-for-next-generation-faculty

<http://rbfhsu.org/>

Member, Council for Institutional Effectiveness (2013 – 2016)

Member, Departmental Organizational Communication Graduate and Undergraduate Concentration Review Committee (2012 – Current)

Member, Departmental Mass Communication Graduate Concentration Viability Study Committee
(2012 – Current)

Hosted American Democracy Project's *Presidential Debate* event in the Forsyth Library, October 2012

Presented "Convergence and Media: 10,000 years of human communication in 30 minutes" as part of
Fort Hays State University American Democracy Project

Host, Conference Support, conference "The Future is Prologue". Chicago, Illinois. May 2009.

Member, Conferences Committee. University of Illinois at Chicago, Communication Department.
Helped organize the "University of Illinois Communication Conference". 2008 – 2010.

Awards and Recognition

Pilot Award Nominee. Nominated for prestigious university award reviewed by university students,
faculty, and administration, 2019

My-Go-To Mentoring Award. Recognizes outstanding mentorship to colleagues through guidance,
support, and leadership. Fort Hays State University, 2018

My-Go-To Mentoring Award. Recognizes outstanding mentorship to colleagues through guidance,
support, and leadership. Fort Hays State University, 2017

My-Go-To Mentoring Award. Recognizes outstanding mentorship to colleagues through guidance,
support, and leadership. Fort Hays State University, 2016

Top Paper Award with co-author James Sosnoski. Communication Theory Division of Central States
Communication Association, 2016

Top Paper Award with co-author Steve Jones. Language and Social Interaction Division of Western
States Communication Association, 2014

National Communication Association Award. Faculty-nominated award for teaching and service.
Included award and paid membership in NCA. UIC Department of Communication, 2010

Research Assistantship, full tuition waiver, University of Illinois at Chicago, 2007 - 2010

Teaching Assistantship, full tuition wave, Oregon State University, 2004-2005

Oregon State University Presidential Scholar, complete four-year academic tuition

Oregon State University Engineering Dean's Scholarship