

Jerry C. Schnepf, Ph.D.
212 Technology Building, Bowling Green, OH 43403
(419) 372-7585 • schnepf@bgsu.edu

EXPERIENCE

Bowling Green State University, Bowling Green, Ohio
Assistant Professor of Visual Communication Technology - 2012 to present
Director of the Collab Lab - 2016 to present

Courses taught:

- VCT 2660 Introduction to Interactive Media
- VCT 3660 Applied Interactive Media Production
- VCT 4600 Digital Photography
- VCT 4800 User Experience (UX)
- VCT 4820 Advanced Concepts of Multimedia Production
- VCT 4900 Independent Study in Visual Communication Technology
- LRND 6840 Independent Study in Learning Design
- LRND 6850 Directed Readings in Learning Design

DePaul University, Chicago, Illinois
Instructor - 2002 to 2012

Courses taught:

- GPH 211 Perceptual Principles for Digital Environments I
- GPH 212 Perceptual Principles for Digital Environments II
- GPH 321 Computer Graphics Development I
- GPH 325 Survey of Computer Graphics
- GPH 329 Computer Graphics Development II
- GPH 338 Survey of 3-D Animation
- GPH 380 Visualization
- GPH 425 Survey of Computer Graphics
- GPH 438 Computer Animation Survey
- GPH 448 Computer Graphics Scripting
- GPH 465 Survey of Visualization Applications
- GPH 580 Real-Time Rendering Techniques
- HCI 201 Multimedia and the World Wide Web
- IT 231 Web Development I
- DC 125 Digital Photography

Moraine Valley Community College, Palos Hills, Illinois
Instructor - 2000 to 2003

Course taught:

- MRT 130 Computers in Allied Health

EDUCATION

Ph.D., Computer Science, June 2012
DePaul University, Chicago, Illinois

M.S., Human-Computer Interaction, June 2002
DePaul University, Chicago, Illinois

B.A., Communication, May 1999
University of Illinois, Chicago, Illinois

INTERESTS

- Interactive media, human-computer interaction, mobile computing, computerized assessment, computer graphics, animation, multi-media, web technologies, graphic design, pedagogy, accommodations for the Deaf, collaborative innovation

DOCTORAL DISSERTATION

- Jerry C. Schnepf, **A Representation of Selected Nonmanual Signals in American Sign Language** (2011). College of Computing and Digital Media Dissertations. Paper 4. http://via.library.depaul.edu/cdm_etd/4

BOOK CHAPTERS

- Jerry Schnepf and Christian Rogers. "**Just Give Me a Hint! An Alternative Testing Approach for Simultaneous Assessment and Learning.**" In *Smart Education and Smart e-Learning*, pp. 141-150. Springer International Publishing, 2015.

REFEREED JOURNAL ARTICLES

- Jerry Schnepf and Christian Rogers. "**Evaluating the Acceptability and Usability of EASEL: A Mobile Application that supports Guided Reflection for Experiential Learning Activities.**" *Journal of Information Technology Education: Innovations in Practice (JITE:IIP)* 16:1 (2017).
- McDonald, John, Rosalee Wolfe, Jerry Schnepf, Julie Hochgesang, Diana Gorman Jamrozik, Marie Stumbo, Larwan Berke, Melissa Bialek, and Farah Thomas. "**An automated technique for real-time production of lifelike animations of American Sign Language.**" *Universal Access in the Information Society* (2015): 1-16.
- Christian Rogers and Jerry Schnepf. "**Student Perceptions of an Alternative Testing Method: Hints as an Option for Exam Questions.**" *Computers in Education Journal* XXIV, no. 5 (2015).
- Rosalee Wolfe, Peter Cook, John C. McDonald, Jerry Schnepf. "**Linguistics as structure in computer animation: Toward a more effective synthesis of brow motion in American Sign Language.**" *Nonmanuals in Sign Language Special issue of Sign Language & Linguistics* 14:1 (2011) Edited by Annika Herrmann and Markus Steinbach. 179-199.

REFEREED CONFERENCE PROCEEDINGS

- Jerry Schnepf and Christian Rogers. "**Supporting Directed Reflection with Technology in Field Experiences.**" In the Proceedings of the 46th Annual Conference of the International Society for Exploring Teaching and Learning. Salt Lake City, Utah, October 13-16, 2016.
- Jerry Schnepf. "**Toward a Multimodal Interface that Combines Singing and Drawing.**" In the Proceedings of the 7th International Conference on Applied Human Factors and Ergonomics (AHFE 2016) and the Affiliated Conferences. Walt Disney World®, Orlando, Florida, July 27-31, 2016.

- Jerry Schnepf and Christian Rogers. **Challenging The Agile Learner through Variations in Assessment.** In the Proceedings of the 45th Annual Conference of the International Society for Exploring Teaching and Learning. Savannah, Georgia, October 15-17, 2015.
- Rosalee Wolfe, John McDonald, Jorge Andres Toro, Souad Baowidan, Robyn Kelley and Jerry Schnepf. **Promoting better deaf/hearing communication through an improved interaction design for fingerspelling practice.** In the proceedings of the HCI International 2015 Conference. Los Angeles, CA, USA. August 2-7, 2015.
- Jerry Schnepf and Christian Rogers. **Gamification Techniques for Academic Assessment.** In the Proceedings of the 44th Annual Conference of the International Society for Exploring Teaching and Learning. Denver, Colorado, October 16-18, 2014.
- Christian Rogers and Jerry Schnepf. **Teaching During The Final Exam: How Providing Hints Can Help.** In the Proceedings of the 2014 American Society for Engineering Education Annual Conference & Exposition. Indianapolis, Indiana, June 15 – 18, 2014.
- Jerry Schnepf and Christian Rogers. **Giving Hints on A test Isn't Cheating?!!.** In the Proceedings of the 2014 International Higher Education Teaching and Learning Association Conference. Anchorage, Alaska, May 31 to June 2, 2014.
- Jerry Schnepf, Rosalee Wolfe, John McDonald, Jorge Toro. **Generating Co-occurring Facial Nonmanual Signals in Synthesized American Sign Language.** In Proceedings of the International Conference on Computer Graphics Theory and Applications and International Conference on Information Visualization Theory and Applications, Barcelona, Spain, 21-24 February, 2013. (17% acceptance rate) Edited by Sabine Coquillart, Carlos Andújar, Robert S. Laramée, Andreas Kerren, José Braz. Barcelona, Spain. SciTePress 2013. 407-416.
- Jerry Schnepf, Rosalee Wolfe, John McDonald, Jorge Toro. **Combining Emotion and Facial Nonmanual Signals in Synthesized American Sign Language.** In Proceedings of the 14th international ACM SIGACCESS conference on Computers and accessibility, ASSETS '12. Boulder, CO, USA, October 22 - 24, 2012. New York, NY, USA: ACM. 249-250.
- Jerry Schnepf, Rosalee Wolfe, Brent Shiver, John McDonald and Jorge Toro **SignQUOTE: A Remote Testing Facility for Eliciting Signed Qualitative Feedback** Second International Workshop on Sign Language Translation and Avatar Technology (SLTAT), University of Dundee, UK, 24-26 October 24 - 26, 2011.
- Rosalee Wolfe, Peter Cook, John C. McDonald, Jerry Schnepf, **Toward a Better Understanding of Nonmanual Signals through Acquisition and Synthesis** Workshop on Nonmanuals in Sign Languages, Goethe-University, Frankfurt am Main, Germany, April 4-5, 2009. (This paper also won the Best Research Presentation Award at the 2009 DePaul CDM School of Computing Research Symposium.)
- Rosalee Wolfe, Nora Alba, Stacey Billups, Mary Jo Davidson, Cindy Dwyer, Diana Gorman Jamrozik, Lori Smallwood, Karen Alkoby, Lesley Carhart, Damien Hinkle, Amy Hitt, Brian Kirchman, Glenn Lancaster, John McDonald, Lindsay Semler, Jerry Schnepf, Brent Shiver, Anna Suh, Jeffrey Young. **An Improved Tool for Fingerspelling Recognition.** Technology and Persons with Disabilities Conference 2006. California State University at Northridge, Los Angeles, CA March 20-25, 2006.

- John McDonald, Rosalee Wolfe, Karen Alkoby, Roymeico Carter, Mary Jo Davidson, Jacob Furst, Damien Hinkle, Bret Kroll, Glenn Lancaster, Lori Smallwood, Nedjla Ougouag, Jerry Schnepf, **Achieving Consistency in an FK/IK Interface for a Seven Degree of Freedom Kinematic Chain**. Proceedings of the 13th International Conference in Central Europe on Computer Graphics, Visualization and Interactive Digital Media 2005, Plzen, Czech Republic, February 2005, pp 171-179.
- Glenn Lancaster, Karen Alkoby, Jeff Campen, Roymeico Carter, Mary Jo Davidson, Dan Ethridge, Jacob Furst, Damien Hinkle, Bret Kroll, Ryan Layesa, Barbara Loeding, John McDonald, Nedjla Ougouag, Jerry Schnepf, Lori Smallwood, Prabhakar Srinivasan, Jorge Toro, Rosalee Wolfe. **Voice Activated Display of American Sign Language for Airport Security**. Technology and Persons with Disabilities Conference 2003. California State University at Northridge, Los Angeles, CA March 17-22, 2003.

REFERREED PRESENTATIONS

- Jerry Schnepf and Christian Rogers. **Toward a Mobile Application that Supports Directed Reflection on Experiential Learning Activities**. Second Canadian International Conference on Advances in Education, Teaching & Technology. Toronto, Canada, July 29-30, 2017.
- Jerry Schnepf. **The Design Thinking Approach to Problem Solving**. Great Lakes Conference on Teaching and Learning. Mt. Pleasant, MI, May 8-10, 2017.
- Jerry Schnepf, Kim Fleshman, Margaret Lockwood-Lass, Bonnie Mitchell, Lindy Smith, Jenn Stucker, and Jason Whitman. **An Introduction to Design Thinking**. Oral presentation at the 11th Annual BGSU Teaching and Learning Fair, Bowling Green, OH., March 22-23, 2017.
- Jerry Schnepf. **Avoiding Burnout and Maintaining Productivity in a Hyperconnected Academic Environment**. Conference on Academic Research in Education (CARE), January 30–31, 2017. Las Vegas, NV.
- Jerry Schnepf. **Integrating Design Thinking into STEM Lessons**. NWO Annual Symposium on Science, Technology, Engineering, and Mathematics Teaching. Bowling Green State University, Bowling Green, OH. November 19, 2016.
- Jerry Schnepf. **Classroom Technology 2.0: Small Screens, Big Impact!** Great Lakes Conference on Teaching and Learning. Mt. Pleasant, MI, May 9-11, 2016.
- Linda Dixon, Coleen Fitzgerald, Lisa Hanasono, Mary Jon Ludy, Linda Martin, Suzanna Peet, and Jerry Schnepf. **Efficient and Effective Techniques for Faculty**. Oral presentation at the 10th Annual BGSU Teaching and Learning Fair, Bowling Green, OH., March 21-23, 2016.
- Jerry Schnepf and Mary-Jon Ludy. **Work Smarter, Not Harder: Tools, Tips, and Techniques to Help Students become more Focused, Organized, and Productive** NWO Annual Symposium on Science, Technology, Engineering, and Mathematics Teaching. Bowling Green State University, Bowling Green, OH. November 21, 2015.
- Jerry Schnepf. **My Smartphone Makes Me Smarter**. Ohio-PKAL First Annual Conference: Increasing STEM Student Success in Higher Education. Westerville, OH. May 16, 2015.

- Jerry Schnepf, Mary-Jon Ludy and Robin Tucker. **You've Pulled Your Last All-Nighter: Efficiency Tools and Techniques for College Students.** Great Lakes Conference on Teaching and Learning. Mt. Pleasant, MI, May 13-15, 2015.
- Robin Tucker, Mary-Jon Ludy, Lisa Hanasono, Rebecca Fallon and Jerry Schnepf. **Task Organization and Time Management: Handling Email, Scheduling Time, and Prioritizing To-Do Lists.** 2015 Prism of Possibilities Teaching and Learning Conference. Bowling Green, OH. March 5-7, 2015.
- Jerry Schnepf. **Trends in Multimodal Human-Computer Interfaces.** 2014 Annual Conference of the Association of Technology Management and Applied Engineering. St. Louis, MO. November 19-22, 2014.
- Paul Cesarini and Jerry Schnepf. **Tools of Engagement: Recasting Mobile Devices in the Classroom.** 2014 Annual Conference of the Association of Technology Management and Applied Engineering. St. Louis, MO. November 19-22, 2014.
- Donna Schnepf, Jerry Schnepf and Mari Petrik. **Point Bartering for Exam Hints: A Case Study with Medical Coding Students.** The American Health Information Management Association Faculty Development Institute / Assembly on Education (FDI/AOE) HIM Education: New Curriculum and Competencies to Advance the HIM Workforce. Chicago, IL. July 26-30, 2014.
- Jerry Schnepf and Paul Cesarini. **Students' Perception of Mobile Devices in the Classroom.** M-Learning Symposium. Bowling Green State University, Bowling Green, OH. May 6, 2014.
- Jerry Schnepf. **Leveraging Apple Remote Desktop to Facilitate Classroom Critiques of Digital Projects.** 2013 Annual Conference of the Association of Technology Management and Applied Engineering. New Orleans, LA. November 19-22, 2013.
- Jerry Schnepf and Paul Cesarini. **Engaging the Technologically Augmented Student** NWO Annual Symposium on Science, Technology, Engineering, and Mathematics Teaching. Bowling Green State University, Bowling Green, OH. November 2, 2013.
- Jerry Schnepf. **It's Not All Fun and Games: The Challenge of Teaching Essential Mathematics for 3D Game Design** NWO Annual Symposium on Science, Technology, Engineering, and Mathematics Teaching. Bowling Green State University, Bowling Green, OH. October 27, 2012.
- Rosalee Wolfe, John C. McDonald, Jorge Toro and Jerry Schnepf. **A Proposal for Making Corpora More Accessible for Synthesis: A Case Study Involving Pointing and Agreement Verbs** Fifth Workshop on the Representation and Processing of Sign Languages: Corpora and Sign Language Technologies LREC 2012. Istanbul, Turkey. May 27, 2012.
- Rosalee Wolfe, John C. McDonald, Jerry Schnepf. **An Avatar to Depict Sign Language: Building from Reusable Hand Animation** International Workshop on Sign Language Translation and Avatar Technology (SLTAT) 2011. Berlin, Germany, January 10-11, 2011.
- Jerry Schnepf, Rosalee Wolfe, John C. McDonald. **Synthetic Corpora: A Synergy of Linguistics and Computer Animation** Fourth Workshop on the Representation and

Processing of Sign Languages: Corpora and Sign Language Technologies LREC 2010. Valetta, Malta. May 23, 2010.

INVITED PRESENTATIONS

- Julie Barnes, Colleen Boff, Sara Bushong, Ray Craig, Dena Eber, Radhika Gajjala and Jerry Schnepf. **Faculty Panel on Digital Humanities**. Fembot Symposium 2017: Gender, Race, Technology and Labor. Bowling Green, OH. March 30, 31 and April 1, 2017.
- Jerry Schnepf. **Technology and Time Management**. Bowling Green State University, Honors College Great Ideas Event. Bowling Green, OH. October 5, 2015.
- Jerry Schnepf and Mary-Jon Ludy. **Efficient and Effective Tools and Techniques for College Students**. Bowling Green State University, Honors College Great Ideas Event. Bowling Green, OH. February 5, 2015.
- Jerry Schnepf. **Online Assessment Using the Point Barter System**. Bowling Green State University, COTAAE Research Seminar. Bowling Green, OH. April 22, 2014.
- Jerry Schnepf. **Remote Testing Technology for the Deaf Community**. Bowling Green State University, COTAAE Research Seminar. Bowling Green, OH. April 22, 2014.
- Jerry Schnepf. **An Approach to Sign Language Synthesis Using 3D Computer Animation**. Bowling Green State University, Department of Communication Sciences and Disorders. Bowling Green, OH. November 1, 2013.
- Jerry Schnepf. **Technical Considerations for a Signing Avatar**. Bowling Green State University, COSMOS meeting. Bowling Green, OH. December 13, 2012.
- Jerry Schnepf. **Toward a Naturally Signing Avatar**. University of Illinois at Chicago, Department of Communication. Chicago, IL. February 15, 2012.
- Jerry Schnepf. **A SignQUOTE Tutorial**. Institute of German Sign Language and Communication of the Deaf, University of Hamburg, Hamburg, Germany. December 5, 2011.
- Alba, N., Billups, S., Wolfe, R., Dwyer, C., Davidson, M.J., Alkoby, K., McDonald, J., Tsang, R., Toro, J., Young, J., Lancaster, G., Schmidt, P., Mansueto, J., Schnepf, J., Shiver, B. . **A Fingerspelling Learning Tool**. DePaul Science Showcase, Chicago, IL. November 5, 2004.

POSTER PRESENTATIONS

- Jerry Schnepf, Corinne Renguette and Christian Rogers. **EASEL: Education through Application-Supported Experiential Learning**. Cyberlearning 2017: What's Next? Making Connections to Shape the Future. Arlington, Virginia. April 18-19, 2017.
- Jerry Schnepf. **A Survey of Unconventional Computer Interfaces**. The College of Technology, Architecture and Applied Engineering Research Fair. Bowling Green, OH. April 25, 2016.

- Christian Rogers & Jerry Schnepf. **Employing Hints to Facilitate Real-World Assessments**. 2014 Assessment Institute. Indianapolis, IN. October 19-21, 2014.
- John McDonald, Rosalee Wolfe, Jerry Schnepf, Julie Hochgesang, Diana Gorman Jamrozik, Marie Stumbo and Larwan Berke. **Toward Lifelike Animations of American Sign Language: Achieving Natural Motion from the Movement-Hold Model** International Symposium on Sign Language Translation and Avatar Technology (SLTAT) 2013. Chicago, IL, October 18-19, 2013.
- Jerry Schnepf, Rosalee Wolfe and John McDonald. **Modeling synchrony and co-occurrence for nonmanual signals in American Sign Language** Theoretical Issues in Sign Language Research (TISLR) Conference 11. University College London, London, UK, July 10-13, 2013.
- Jerry Schnepf, **Developing Software with the Deaf Community: Design and Testing Considerations**. 2013 BGSU Teaching and Learning Fair, Bowling Green, OH, February 10, 2013.
- Jerry Schnepf & Brent Shiver, **Improving Deaf Accessibility in Remote Usability Testing**. The 13th International ACM SIGACCESS Conference on Computers and Accessibility, Dundee, Scotland, UK, October 24 - 26, 2011.
- Jerry Schnepf, **An Analysis of Facial Animation Control for ASL**. The 2008 DePaul CTI Research Symposium (CTIRS-08), Chicago, IL, Saturday, May 3, 2008.
- Jerry Schnepf, **How Big is "BIG"? Toward a Representation of Incremental Nonmanual Signals in American Sign Language**. DePaul CTI Research Symposium (CTIRS-07). Chicago, IL, May 5, 2007.
- Jerry Schnepf, **Towards Computerized Synthesis of Nonmanual Signals in American Sign Language**. DePaul CTI Research Symposium (CTIRS) & Midwest Software Engineering Conference (MSEC). Chicago, Illinois, Saturday, April 29, 2006.

PATENTS

- Schnepf, J. 2013. Point Barter. US Patent No. 61,862,126. Washington, DC: U.S. Patent and Trademark Office.

REPOSITORY CONTRIBUTIONS

- Jerry Schnepf. 2005 - 2014. **Elicitation materials for Syntax and Affect Tasks. SignGram Elicitation Materials Repository**, The Language Archive, Nijmegen, Netherlands.

MISCELLANEOUS PUBLICATIONS

- Jerry Schnepf. **Give students hints on the exam... But not for free**. Peer reviewed blog contribution retrieved from: <https://illinoisstateuniversitysotl.wordpress.com/2016/03/14/give-students-hints-on-the-exambut-not-for-free/>, March 14, 2016.

CONFERENCE / SYMPOSIUM / WORKSHOP ORGANIZING COMMITTEES

- Workshop Co-leader, Building Interdisciplinary Collaborations, Bowling Green State University, Bowling Green, Ohio, USA. March 17, 2017.
- Workshop Co-leader, Building Collaborations in Digital Humanities, Bowling Green State University, Bowling Green, Ohio, USA. January 19, 2017.
- Workshop Leader, Coding for Humanists Workshop, Bowling Green State University, Bowling Green, Ohio, USA. May 13-14, 2014.
- Organizing Committee, Third International Symposium on Sign Language Translation and Avatar Technology, DePaul University, Chicago, Illinois, USA. October 18-19, 2013.

MASTERS GRADUATE COMMITTEES

- Michael Vanderpool, Spring 2015, Bowling Green State University. Thesis: Improving e-Learning Discussions with Embedded Interactivity: Intra-Active Interactions in e-Learning Environments.
- Kayleigh Williams, Spring 2012, Bowling Green State University. Thesis: The State of Mobile Strategy and Responsive Web Design at Ohio Universities.

DOCTOR GRADUATE COMMITTEES

- Lauren Garskie (English Rhetoric and Writing), Spring 2017, Bowling Green State University. Thesis: Rhetorical Analysis of a Space.

INDEPENDENT STUDIES SUPERVISED

- Rebecca Lord, Spring 2017, Bowling Green State University. Title: UX Essentials: What Students Need to Know to Prepare for a Successful Career in User Experience
- Rebekah Zellers, Spring 2017, Bowling Green State University. Title: Application Prototyping for American Sign Language Students.
- Hattie Molina, Fall 2016, Bowling Green State University. Title: Mobile Technology to Augment Campus Tours.
- Treasure Brown, Spring 2016, Bowling Green State University. Title: Touch Screen Prototyping.
- Kent Darr, Spring 2016, Bowling Green State University. Title: App Usability Exploration.
- Kelsy Lortz, Spring 2016, Bowling Green State University. Title: Digital Poetry: Writing for the Electronic Medium.
- Grant Elliot, Spring 2016, Bowling Green State University. Title: Continued Development of the Sing N Sketch App.
- Jillian Nelson, Fall 2014, Bowling Green State University. Title: AboutMyRoute: A Route Sharing Web Application.

- Michael Vanderpool, Fall 2014, Bowling Green State University. Title: Digital Learning Environments With a Focus on Aesthetics and UX Design.
- Jaclyn Kinsey, Fall 2014, Bowling Green State University. Title: Digital Learning Environments With a Focus on Aesthetics and UX Design.
- Jillian Nelson, Spring 2014, Bowling Green State University. Title: Toward a Route Sharing Web Application using the Google Maps API.
- Megan Rose, Spring 2014, Bowling Green State University. Title: An Evaluation of Animal Shelters' Web Presence.
- Julio Ramirez, Fall 2013, Bowling Green State University. Title: Wireless Motion Controllers for Music Performance and Production.

GRANTS AND FELLOWSHIPS

- The Center for Innovative Research in Cyberlearning - **Emerging and Future Human-Technology Frontier: Workforce RE-training and RE-development (\$45,000)**. PI: Corinne Renguette (IUPUI). May 2017 (under review).
- The National Science Foundation - **EXP: Collaborative Research: Using Just-in-Time Adaptive Mobile Technology to Facilitate Metacognition and Improve Efficacy (\$125,031.00)**. PI: Christian Rogers (IUPUI). February 2017 (under review).
- Faculty Development and Instructional Improvement Grant (\$1,098): Industry Insight into the Latest Web Frameworks and Technologies: January 2017.
- Speed Grant (\$200) to fund registration for the Great Lakes Conference on Teaching and Learning, May 2016.
- Faculty Development and Instructional Improvement Grant (\$1,970): Workshop and Online Learning Material to Advance Interactive Media Curriculum: January 2016.
- Faculty Development and Instructional Improvement Grant (\$1,895): Advanced Training to Facilitate the Incorporation of 3D Graphics into Visual Communication Technology Curriculum: January 2015.
- Speed Grant (\$400) to fund registration for the International Society for Exploring Teaching and Learning Conference, October, 2014.
- Speed Grant (\$400) to fund registration for the Higher Education Teaching and Learning conference, June, 2014.
- Travel to present at The 13th International ACM SIGACCESS Conference on Computers and Accessibility in Dundee, Scotland, October, 2011.
- Travel to present at SLTAT (International Workshop on Sign Language Translation and Avatar Technology) in Berlin, Germany, January 2011.
- Travel to present at LREC (The International Conference on Language Resources and Evaluation) in Valletta, Malta on May 2010.
- Travel to present at Workshop on Nonmanuals in Sign Languages, Goethe-University, Frankfurt am Main, Germany, April 2009.

- CDM Research Grant 2009
- The American Sign Language Project Scholarship 2009
- GAANN (Graduate Assistance in Areas of National Need) 2003 – 2008

UNFUNDED GRANTS

- Bowling Green State University - Building Strengths. **Developing Mobile Learning Technology to Enhance Metacognition through Just-in-time Reflection.** November, 2016
- The Spencer Foundation - **Using Technology to Support Directed Reflection in Experiential Learning.** Co-PI: Christian Rogers. January, 2016
- The Spencer Foundation - **Learning through Assessment: An Evaluation of the Point Barter Testing System.** Co-PI: Christian Rogers. January, 2015
- The National Science Foundation - **STEM-C Partnerships: Computing Education for the 21st Century (STEM-CP: CE21) CER: CS in the Core Project,** PI: Savilla Banister. February, 2014
- The National Institutes of Health - R03 - **Comprehension of American Sign Language in Face-to-Face and Video Environments.** June, 2014

AWARDS

- Master Teacher Award (Finalist, 2017).
- The Friends of the University Libraries honoree for scholarly publications (2016).
- Master Teacher Award (Nominee, 2016).
- Outstanding Early Career Award. Bowling Green State University (Nominee, 2015, 2016 & 2017).
- Best Research Presentation Award. 2009 DePaul CDM School of Computing Research Symposium (SOCRS-09).
- Best Poster Award. The 2008 DePaul CTI Research Symposium (CTIRS-08).
- Best Poster Award. 2006 DePaul CTI Research Symposium (CTIRS) & Midwest Software Engineering Conference (MSEC-06)

JOURNAL / CONFERENCE REVIEWS

- Reviewer for HCI International 2017 (2017)
- Reviewer for the IEEE Transactions on Human-Machine Systems Journal (2015-2016)
- Reviewer for the Journal of Applied Research in Higher Education (2014 - 2015)
- Guest Editor, Special issue on "Recent Advances in Sign Language Translation and Avatar Technology" (Guest Editors: Rosalee Wolfe, Eleni Efthimiou, John Glauert, Thomas Hanke, John McDonald, Jerry Schnepf) of the international journal "Universal Access in the Information Society", published by Springer. (2014).
- Reviewer for the American Society for Engineering Education Conference (2014)

- Reviewer for the Symposium on Sign Language Translation and Avatar Technology (SLTAT 2013)
- Reviewer for the International Society for Exploring Teaching and Learning Conference (2013 - 2014)
- Reviewer for Transactions on Accessible Computing (TACCESS) Journal (2013)
- Reviewer for The Annual Meeting of the Cognitive Science Society (CogSci) Conference (2013)

COMMITTEES

Department

- Member of the Department of Visual Communication and Technology Education Non-Tenure-Track Faculty Search Committee (2016).
- Chairman of the Department of Visual Communication and Technology Education Tenure Track Faculty Search Committee (2015-2017).
- Member of the VCTE Reappointment, Tenure, and Promotion Document Committee (2013-2016).

College

- Member of the College of Technology, Architecture and Applied Engineering Strategic Prioritization Committee (2016).
- Member of the College of Technology, Architecture and Applied Engineering Dean Search Screening Committee (2016).
- Graduate Faculty for the PhD in Technology Management Consortium (2015-2020).
- Member of the College of Technology Graduate Council (2015-2016).
- Member of the College of Technology, Architecture and Applied Engineering College Technology Committee (2014 - 2015).
- Member of The College of Technology, Architecture and Applied Engineering College Council (2013-2015).
- Member of the College of Technology Associate Dean Search Committee (2013)

University

- Member of the Information Technology Committee (ITC) (2017 – 2018).
- Member of the Executive Board of the Institute for the Study of Culture and Society (ICS) (2016 - 2019).
- Member of the Academic Honesty Committee (2016).
- Member of the Common Experience Committee (2016 - 2017).
- Facilitator “Collaborative Innovation”, a faculty learning community sponsored by the Center for Faculty Excellence (2016).
- Member of the Collab Lab task force (2015 - 2016).

- Member of the Hatch Selection Committee (2015 - 17).
- Member of the Goldwater Scholarship selection committee (2015 - 16).
- Co-facilitator or “Efficient and Effective Faculty”, a faculty learning community sponsored by the Center for Faculty Excellence (2014 - 2015).
- Member of the Strategic Plan for Commercialization and Technology Transfer Committee (2015).
- Member of the Computing and Information Technologies Task Force (2014).
- Member of the Commercialization and Technology Transfer Task Force (2014).

Community

- Designed and Taught *Interactive Electronic Art*, a week-long summer workshop for high school students in cooperation with the Toledo Museum of Art. July 17-21, 2017.
- Academic Investment in Mathematics and Science (AIMS) advisory board member (2015).

SERVICE ACTIVITIES

- Designed and Co-facilitated “Interactive Electronic Art” Summer Camp at the Toledo Museum of Art. July 17-21, 2017.
- Attended Undergraduate Research Collaborations Conference, Northern Arizona University (NAU), Flagstaff, AR. June 27-29, 2017
- Attended Venturewell OPEN Conference. Washington D.C. March 23-25, 2017.
- Attended Ehope Tech Summit. Milan, Ohio. March 21, 2017.
- Served as faculty judge. Ohio Science and Humanities Symposium. Bowling Green, Ohio. March 16, 2017.
- Facilitated “Collaborative Innovation”, a faculty learning community sponsored by the Center for Faculty Excellence (2016-2017).
- Lead and co-lead a series of workshops on ideation and idea development to promote The Hatch (October - November, 2016).
- Researched, coordinated and supervised an interactive photography activity promoting the Visual Communication Technology program at STEM in the Park (September 24, 2016).
- Participated in Major Match-up to help undecided majors learn about the VCT program (September 21, 2016).
- Graduate faculty representative for the doctoral exam of Carrie Hamady (September 8, 2016).
- Faculty Judge, Ohio Science and Humanities Symposium (OJSHS) (March 17, 2016).
- Co-facilitated “Efficient and Effective Faculty”, a faculty learning community sponsored by the Center for Faculty Excellence (2014-2015).
- Graduate faculty representative for the doctoral exam of Gunnar Hirthe (October 6, 2015)
- Facilitated a roundtable discussion with students in the honors college promoting time management skills for university students (October 5, 2015).

- Researched, coordinated and supervised an interactive projection activity promoting the Visual Communication Technology program at STEM in the Park (September 26, 2015)
- COTAAE Representative, Presidents Day student recruitment event (February 16, 2015)
- Presented on the VCT program for Media and Communications Day at BGSU (November, 7, 2014)
- Designed, assembled and supervised an interactive display for STEM in the Park (September 27, 2014)
- VCT Representative, Major Mash-up event (September 24, 2014)
- COTAAE Representative, Presidents Day student recruitment event (February 17, 2014)
- COTAAE Representative, Preview Day student recruitment event (December 7, 2014)
- Organized and promoted the Web Usability Panel Event, Bowling Green State University (November 14, 2013).
- Presented at BGSU Get with the Program VCT session (August 24, 2013)
- Student Marshall for the Spring 2013 Commencement Ceremony (May 3, 2013)
- Presented at VCT lab for Woodward High School students (November 27, 2012)
- Presented at VCT lab for JF Kennedy High School students (November 1, 2012)
- Presented at the Information Session on Digital Cinema, Computer Graphics and Motion Technology (June 1st, 2009)
- Created material for general CDM recruitment presentation (Sep 15, 2008)
- Presented at the general CDM recruitment event (July 14th, 2008)

PROFESSIONAL AFFILIATIONS

- Association of Computing Machines (ACM)
- The American Society for Engineering Education (ASEE)
- The Association of Technology, Management, and Applied Engineering (ATMAE)
- Epsilon Pi Tau academic and professional honor society (EPT)
- Northwest Ohio Center for Excellence in STEM Education (NWO)
- Sign Language Linguistics Society (SLLS)

EXIBITIONS AND OTHER CREATIVE ACTIVITIES

- Graphic Design contributor for The International Society for Exploring Teaching and Learning (ISETL)
- Web design and maintenance for System Sculpture (www.system-sculpture.com)
- Web design and maintenance for RAB Foundation for Head and Neck Cancer (www.rabfoundation.org)
- Electronic Communications Director for The International Brotherhood of Magicians (www.magician.org)
- Various musical recordings and performances

REFERENCES

- Available upon request.