



Gerry Derksen
curriculum vitae

Personal

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Education

	<i>Degree Programs</i>	<i>Additional courses</i>
2018 - 2024	University of Illinois - Urbana Champaign PhD Informatics: Design, Tech. & Society Champaign, IL. USA.	Institute of Design - Laura Forlano PhD Seminar Chicago, IL. USA
1998 - 2001	University of Alberta Masters of Design in Visual Communication Edmonton, AB. CAN.	Web Directions - Jonathan Stark Building Mobile Apps Atlanta, GA. USA
1991 - 1996	University of Manitoba Bachelor of Interior Design Winnipeg, MB. CAN.	NN/g Group - Jakob Nielsen Usability in Practice Washington DC. USA
1988 - 1989	University of Manitoba completed 1st year Fine Arts Winnipeg, MB. CAN.	The Banff School - Barbara Gault Multimedia Design Banff, AB. CAN.

Professional

2022 - current	Clemson University Clemson, SC. USA. Assist. Professor - Dept. of Graphic Communications, tenure-track
2001 - 2022	Winthrop University Rock Hill, SC. USA. Professor - Dept. of Design, tenured Lead of Interactive Media Design (since 2009) Coordinator of Interior Design (2016)
2017 - 2018	University of Illinois - Urbana Champaign Champaign IL. USA. Research Associate - Department of Art + Design
2012 - 2013	Illinois Institute of Technology (IIT) Chicago, IL. USA. Visiting Scholar - Institute of Design
2012 - 2013	MoonLight Creative Charlotte, NC. USA. Design Consultant - Marketing and Design Studio

- 1998 - 2002 Orange Industries
Edmonton, AB. CAN.
Partner / Art Director / Graphic Designer - Limited Partnership
- 1997 - 1998 Environment Canada
Edmonton, AB. CAN.
Graphic Designer - Department of Communications, Federal Government of Canada

Computer Skills

Design Tools

Adobe Creative Suite for print, web and video editing, Final Cut Pro, Motion
SoundTrack, Infini-D 3D, Blender, Extreme 3D, Sketch, Audacity, Unity 3D

Computer Languages

Html, CSS, JavaScript, Python, R, Processing and an understanding of Arduino, MySQL and PHP. I also have teaching knowledge of JQuery, JQTouch, JQMobile, Processing javascript libraries, React and SASS

Utility Software

Project management tools: Frame.io, BaseCamp, and OmniFocus, Microsoft Office, Slack
Usability tools: Figma, InVision, Morea, Silverback and Balsamiq.
Web development tools: Eclipse, XCode, Corona, PhoneGap, CMS (Wordpress, Concrete 5, Drupal), QT Creator and preferred IDE's Visual Studio, and Sublime
Data Tools: Annaconda, R

Current Research Projects

- 2023 - *current* A2R University-Industry Interaction through Agile Action Research and AI
2018 - *current* Smart Educational Toys for Autistic Children, University of Illinois Urbana Champaign
2017 - *current* Designing for Machine Learning: Theory & Philosophy, University of Illinois Urbana

Design Project Portfolio - Selected

- Aug. 2020* Empathy Through VR Experience, Keystone Substance Abuse Services - Rock Hill, S. Carolina
July 2019 Discovery Place Science Museum - Digital Signage System and Experience Design
Aug 2018 Course Power Promotion Material - Marketing Package and Promotion Material
Sept 2016 Red Ventures Video Chat - Online video chat experience design and development
March 2014 Graduate Studies Financial Information website: www.winthrop.edu/mymoneymatters
Aug. 2013 Implementing New Knowledge Environments (INKE) - Big data visualization Tools
- Jan. 2013* Grainger Hardware - Usability testing and website analysis
May 2012 Piedmont Medical Association - Experience design for interactive bloodmobile proposal
June 2012 System Analysis, Steelcase Furniture - Illinois Institute of Technology, Institute of Design
Jan. 2012 Qué-Os Architecture - UI Design promotional website www.queos.org
- April 2011* Dr. Chris Hall - Web design for video therapy website: www.webtherapy.org
June 2010 SIGGRAPH studio - Designer and Administrator, website: www.siggraphstudio.org
May 2010 Winthrop University Quality Enhancement Plan - Identity System and Promotional Video
Sept. 2009 Susan Harbage Page - Web design for promotion: www.susanharbagepage.com
- Oct. 2008* Zerechak Films - Web design for promotion: www.zerechakfilms.com/code2600
Oct. 2007 Department of Design - Web design for recruitment: www.winthrop.edu/vpa/design
Sept. 2007 Prospect Searching - Research tool using visual prospecting and sorting large text databases
Joint research project with University of Alberta, .
- Sept. 2006* Descriptive Ethics - Visualization software ethical scenarios online survey
Joint research project with the University of Alberta,

- March 2005 & Electronic Media Festival for Students in Technology (EM Fest)
 Feb. 2004 - Web design, promotional materials, identity system
 Oct. 2004 Medal of Honor - Video Documentary of Dr. Leo Twiggs, "Southern Revolve"
 Oct. 2004 CHD Technologies Inc, Werner Mueller – Web design
 May 2004 Mike Lavine - "Precious 016" Video Documentary - Web design and Webcast "Precious 017"
- Feb. 2003 Winthrop University - Video Documentary of Zanne Hochberg, "Seeking the Center"
 - Interactive calendar, College of Visual and Performing Arts
 - Web design, Department of Art and Design
- Oct. 2002 Digital Profiles - Interactive Software proposal, Hispanic Summit
- March 2001 University of Alberta Alumni "Lines of Site" - Interactive CD rom, Art Gallery
- June 2001 Alberta Foundation for the Arts "ARTS @ 25"- Interactive CD rom, Art Gallery
- Sept. 2000 University of Alberta Fine Arts Department
 - Identity design and graphic standards
 - Promotional material
- June 2000 Environment Canada, Department of Communications - Photo Library, website, identity design

Grants - Each funded grant values range between \$1000 and \$40,000, totaling \$283,000. A number of travel grants I have received total over \$170,000 are not included here.

- 2023 NSF Grant **Proposal** Smart Health and Biomedical Research in the Era of Artificial Intelligence and Advanced Data Science Co-PI Dr. Cedomir Stanojevic, Clemson University
- 2023 NSF Grant **Proposal** EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations Team Member, PI Dr. Stephen H. Foulger, Co-PI Dr. Colleen Scott and Dr. Dawen Li, Clemson University
- 2020 Technology, Innovation, Educational Research and Design TIER-ED - Graduate Fellowship
- 2019 Campus Research Board University of Illinois Urbana Champaign - Assisting Dr. Stan Ruecker
- 2018 University of Illinois Urbana Champaign Research Grant - Assisting Dr. Stan Ruecker
- 2017 Course Power Promotions Grant - primary investigator, Dr. Michael Whitney,
Digital Information Design Minor
- 2014 Winthrop University Research Council Grant
 coinvestigator, Dr. Andrew Besmer Usability Labs in Interactive Media Programs
- 2013 ITP Healthcare Research Grant part of the National Institute of Health Grant
 primary investigator, Dr. David Bieser, *Cardiac Sensor System 'Beacon'*
- 2012 Winthrop University Research Council Grant
 coinvestigator, Dr. Hemant Patwardhan, Mr. Mark Nortz, *Analysis of Product Placement*
- 2007 Instruction Technology Centre - Research Grant Winthrop University
 primary investigator, *Usability in Practice*
- 2007 Instruction Technology Centre - Research Grant Winthrop University
 coinvestigator, Ms. Courtney Starrett, *WEMO (Wearable Electronic Media Objects)*
- 2005 Instruction Technology Centre - Research Grant Winthrop University
 primary investigator, *Prospective Tutorial Evaluation Project*
- 2004 Instruction Technology Centre - Research Grant Winthrop University
 coinvestigator, Dr. Seymour Simmons, *Pathways to Drawing*
- 2004 South Carolina Arts Council Grant,
 design and technical grant support for Mr. Mike Lavine, *Precious 06* and *Precious 07*
- 2003 Instruction Technology Centre - Research Grant Winthrop University
 coinvestigator, Dr. Laura DuFresne *The Electronic Book*
- 2002 Instruction Technology Centre - Research Grant Winthrop University
 coinvestigator, Mr. Chad Dresbach *Image Archive and Delivery System*
- 2001 Alberta Traffic Safety research assistant, - Director of Research Prof. Jorge Frascara
- 2000 Teaching Assistantship, - University of Alberta
- 1999 Graduate Research Assistantship, - University of Alberta

Awards

- 2021 Carle Hospital and Illinois College of Medicine Make-a-Thon Health Innovation Finalist
- 2019 Awarded one semester sabbatical - Winthrop University
- 2014 Granted Promotion to Full Professor - Winthrop University
- 2013 Awarded one year sabbatical - Winthrop University
- 2012 South Carolina Historical Society - Art Exhibition Award
Art direction Karen Derksen, *Between the Springmaid Sheets*
- 2009 Granted Tenure and Promotion to Associate Professor - Winthrop University
- 2008 Outstanding Junior Professor - Winthrop University Award
- 2003 Communication Arts Weyerheuser Award: *Student Award for Best Collateral Design*
Professor for Corporate Identity class, published in the November edition.

Publications - Peer Reviewed

- Sept. 2024 *The Boundaries of Industry-Academia Interactions: First Steps to Prepare IA-Design Education for Society 5.0*
Bernardes, Mauricio; Ruecker, Stan; Codinhoto, Ricardo; Bulsing, Juliana; Carraro, Felipe Forest; Rettore, Pedro; Litanio, Claudia; Derksen, Gerry; Ezequiel, Benjamin, Oliveira, Geisa; Christiaans, Henri; Briede, Juan Carlos; Salamanca, Juan; Bittencourt, Rafael
International Conference on Engineering and Product Design Education, Conference Proceedings, Aston University, Birmingham England
- Sept. 2024 *A Design and AI Course: In Conversation with Machines*
Gerry Derksen and Segal Bensal
International Conference on Engineering and Product Design Education, Conference Proceedings
Aston University, Birmingham England
- Oct. 2023 *A Production Pipeline for an AI-Powered Design Course*
Gerry Derksen
IASDR International Association of Societies of Design Research, Conference Proceeding,
Milan, Italy
- July 2023 *From Sketch To Screen: Enhancing The Design Pipeline With AI*
Gerry Derksen, Book Chapter, Arun Kumar Yadav and Arti Jain (Eds.)
Research Handbook on Information Systems and Society,
Edward Elgar Publishing, in press.
- Sept. 2021 *Cultivate Leadership Contagion. A Speculative Grounded Theory Knowledge for Future Change Agents*
Francesco Galli, Zhabiz Shafieyoun, and Gerry Derksen
DRS Learn X 2021 Design Research Society Education Conference Proceedings, Engaging with
Challenges in Design Education, Jinan, China
- Aug. 2021 *How Industrial Prototypes Behave thru Structure, Function, and Materials*
Zhabiz Shafieyoun and Gerry Derksen
Roberts-Smith, J., Ruecker, S., & Radzikowska, M. (Eds.). Book Chapter,
Prototyping Across the Disciplines: Designing Better Futures. Intellect Books.
- May 2021 *Investigating Student Behavior in an Interdisciplinary Computing Capstone Course*
Daniel Ray, Jason Watson, Andrew Besmer, Gerry Derksen, and Michael Banks, Information Sys-
tems Education Journal, ISCAP/EDSIG, Conference Proceesings
- Nov. 2020 *Smart Toys for an Educational Framework*
Gerry Derksen and Stan Ruecker
IACIS International Association for Computer Information Systems Conference Proceedings,
Nashville, USA

- April 2020 *Patterns of Learning: Intelligent Toys for Children with Autism*
Gerry Derksen, Formy Design Journal, The Academy of Fine Arts, Krakow, Poland ISSN: 2657 8727. Vol. 4, 2020 <https://formy.xyz/artykul/wzorce-uczenia-sie-inteligentne-zabawki-dla-dzieci-z-zaburzeniami-autystycznymi/>
- July 2019 *Prototyping A New Economy*
Gerry Derksen, Zhabiz Shafieyoun, and Stan Ruecker
DRS Learn X 2019 Design Research Society Education Conference Proceedings, Ankara, Turkey
- July 2019 *Should the Environment be a Human Factor?*
Mohammad Amanzadeh, John A. Capozzo, Juan Alfonso De La Rosa, Gerry Derksen, Claudia Grisales, Priscilla Boff Ferronato, Stan Ruecker, Thais Cristina Sehn, Cliff Shin
Applied Human Factors and Ergonomics, Affiliated Conferences on Interdisciplinary Practice in Industrial Design
- April 2019 *Design Research through Simulated Social Complexity Methods: An agent-based approach to the construction of design knowledge*
Juan Salamanca, Juan Del La Rosa, and Gerry Derksen, European Academy of Design (EAD) conference, Dundee, Scotland conference proceedings
- May 2018 *Bike vs. Car a Design Approach to Traffic Conflict.*
Duane Neff & Gerry Derksen, Stanford Social Innovation Review.
- June 2016 *A Physical Modeling Tool to Support Collaborative Interpretation of Conversations*
Piotr Michura, Stan Ruecker, Celso Scaletsky, Guilherme Meyer, Gerry Derksen, and Chiara Del Gaudio; DRS 2016 Future-Focused Thinking, Design Research Society Review
- March 2015 *Why Students Need Prototypes: to Engage with Ideas*
Stan Ruecker, Celso Scaletsky, Guilherme Meyer, Chiara Del Gaudio, Piotr Michura, and Gerry Derksen; Digital Pedagogy in the Humanities
- Sept. 2014 *Smart Cities as Democratic Ecologies*
Gerry Derksen, Stan Ruecker, and Piotr Michura
Book chapter Edited by Daniel Araya National Center for Supercomputing Applications University of Illinois at Urbana-Champaign, University of Illinois Press
- Sept. 2013 *Capturing the Visual Interpretation of Non-Textual Information*
Radzikowska, Milena, Piotr Michura, Teresa Dobson, Gerry Derksen, Stan Ruecker, and the INKE Research Group, Proceedings of Research Foundations for Understanding Books and Reading in the Digital Age: E/Merging Reading, Writing, and Research Practices NYU, New York, NY.
- Sept. 2013 *Analyse, Discuss, and Swot: 3 Student Projects in Design and DH at the IIT Institute of Design*
Ruecker, Stan, Gerry Derksen, and the INKE Research Group
Proceedings of Research Foundations for Understanding Books and Reading in the Digital Age: E/Merging Reading, Writing, and Research Practices. NYU, New York, NY.
- Sept. 2013 *The Role of Conversational Modeling in Design Education*
Gerry Derksen, Stan Ruecker, Ted Pollari, Piotr Michura, and Scott Audette
IASDR, International Associations of Society of Design Research Conference 2013 Tokyo, Japan, conference proceedings
- Aug. 2013 *Applying Models of Help Desk Conversations to the Design of a Customer Sales Support Interface*
Stan Ruecker, Gerry Derksen, Ted Pollari, Scott Audette, and Piotr Michura
ICED International Conference on Engineering Design 2013, Seoul, South Korea, conference proceedings
- Aug. 2013 *Demonstrating Data Using Storyboard Visualization Tool*
Gerry Derksen, Melissa Terras, Tim Causer, and Stan Ruecker
VINCI International Symposium on Visual Information Communication and Interaction 2013, Tianjin, China, conference proceedings

- June 2013 *Is the Classroom Ready for Clients? Mediating Unconventional Collaborations in the Class*
Sandra Gabriele, Gerry Derksen, Stan Ruecker, Jennifer-Roberts Smith, Teresa Dobson and Stéfan Sinclair Canadian Society of Digital Humanities Conference, 2013
Victoria B.C. conference proceedings
- June 2013 *Human-Centred Design in Humanities Computing*
Kei Sato, Stan Ruecker, and Gerry Derksen
Canadian Society of Digital Humanities Conference, 2013, Victoria B.C. conference proceedings
- April 2013 *New Narratives Using Conversational Sculptures*
Piotr Michura, Stan Ruecker, Gerry Derksen, Ted Pollari, and Scott Audette
HASTAC Conference 2013, Toronto, Ontario, conference proceedings
- July 2011 *From Visual Communicator to System Designer - A Better Business Partner*
Gerry Derksen, International Institute of Informatics and Systemics (IIIS) International Conference
on Knowledge Generation, Communication and Management, conference proceedings
- Sept. 2010 *A Curriculum Plan for Digital Information Design*
Gerry Derksen, James C. McKim, Jr., Hemant Patwardhan, Cara Peters, and Marilyn Sarow
International Journal of Design Sciences and Technology
Volume 17 Number 2 (2010) ISSN 1630-7267
- May. 2010 *Texttiles: Rich-Prospect Research Browsing for Text Collections,*
Giacometti, Alejandro, Stan Ruecker, Ian Craig, Gerry Derksen, and Milena Radzikowska,
Digital Studies Journal Special Issue 5, Elsevier Publishing
- Oct. 2009 *Graphic Design: A User's Manual*
Adrian Shaunessy, Book Chapter, Gerry Derksen, Laurence King Publishing.
- Oct. 2008 *Introducing the Ripper Interface for Text Collections.* Giacometti, Alejandro, Stan Ruecker, Ian Craig,
Gerry Derksen, and Milena Radzikowska, Canadian Symposium on Text Analysis (CaSTA) Confer-
ence: New Directions in Text Analysis. A Joint Humanities Computing, Computer Science Confer-
ence at the University of Saskatchewan, Saskatoon. conference proceedings,
- Sept. 2008 *The means by which we find our way: Observations on design*
Editors - David Gardener and Andrea Wilkinson
Excerpts in ICOGRADA's Typo Magazine and Australian Design Journal,
Open Manifesto, Ramp Press
- March 2008 *Information Design: A Curriculum for the 21st Century*
James C. McKim, Jr., Gerry Derksen, Hemant Patwardhan, Cara Peters, and Marilyn Sarow
Frontiers in Education Conference (FIE), conference proceedings
- Dec. 2007 *The Means by which We Find Our Way*
The Ramp Gallery Magazine Hamilton, New Zealand, Article and exhibition.
- Sept. 2005 *A Strategy for Teaching Technology*
International Information Design Conference, Sao Paulo, Brazil conference proceedings.
- May 2005 *Bottom of the Ivory Tower: A Designer Gets No Respect*
Critical VCD Show '05, Winthrop University Rock Hill, SC. journal article, Independent Printing.
- Oct. 2004 *Pathways to Drawing: Testing Multiple Learning Strategies One Walkthrough at a Time*
Technology, Knowledge, and Society Conference, Berkeley California, conference proceedings and
The International Journal of Technology, Knowledge and Society, Common Ground Press.
- Sept. 2002 *Effect of Visual Elements on the Perception of Jurors in Computer Re-enactments of Crime Scenes*
Law and Technology Conference, Boston, Massachusetts, conference proceedings Actapress.

Paper Presentations

- Sept. 2024 E&PDE Engineering and Product Design Education conference
A Design and AI Course: In Conversation with Machines - Presenter and Session Chair
Birmingham, England
- May. 2024 Clemson University Research Symposium
Presenting ARC A smart toy for children with autism - Presenter
Watt Family Center of Innovation, Clemson, SC.
- March 2024 MACAA Mid-America College Art Association, Virtual Conference, Satellite,
The Design Collaboration Machines. Juan Salamanca Chair
- Sept, 2023 FPPA Flexographic Pre-Press Association, Artificial Intelligence, *What are the Capabilities for Prepress Today?* Fall Workshop, Greenville SC. <https://flexoplatemakers.com/event/23-fall-workshop/>
- July, 2023 The inaugural hybrid symposium of the Science, Technology, & Arts Network
Prototyping for Better Futures Online, <https://designprototyping.ca/>
- May. 2023 Clemson University Research Symposium - two presentations
Usability and User Experience with Interactive Media
From Sketch to Screen: Enhancing the Design Pipeline with AI
Watt Family Center of Innovation, Clemson, SC.
- Feb. 2023 Universidad Nacional de Colombia 60th Anniversary for Design - Keynote Speaker
Design Education Using AI: Changes are Coming
Department of Visual Communication Design, Bogota Columbia
- April 2022 Invited Speaker Iowa State University,
Design with Machine Learning a Case Study
Department of Graphic Design, Ames Iowa USA
- Sept. 2021 EADH European Association for Digital Humanities Conference, 2021
Group Perspectives for Voyant: A Speculative Design Approach to Prototyping, Tchoh, Bennett;
Radzikowska, Milena; Ruecker, Stan; Land, Kaylin; MacDonald, Andrew; Wang, Jingwei; Derksen,
Gerry; and Geoffrey Rockwell. published in "Interdisciplinary Perspectives on Data",
Krasnoyarsk, Russia. Long paper online presented by Bennett Tchoh.
- Oct. 2020 IACIS International Association of Computer Information Science, 2020
Smart Toys for an Educational Framework
Virtual Conference on the Internet of Things
- July, 2019 DRS LX Conference 2019 - Session Chair
Prototyping a New Economy
Ankara, Turkey
- Oct. 2018 DCAJ Conference 2017 - Keynote Speaker
Virtual Voices: Capturing Conversations for Visualization
Tokyo, Japan
- Aug. 2014 SIGGRAPH Conference 2014
Conversational Models in Design Practice
Vancouver, Canada
- Sept. 2013 IASDR Conference 2013
The Role of Conversational Modeling in Design Education
Tokyo, Japan

- Aug. 2013 ICED Conference 2013
Applying Models of Help Desk Conversations to the Design of a Customer Sales Support Interface
Seoul, South Korea
- Aug. 2013 VINCI Conference 2013 - Session Chair
Demonstrating Data Using Storyboard Visualization Tool
Tianjin, Hebei Province, China
- April 2013 HASTAC Conference 2013
New Narratives Using Conversational Sculptures
Toronto, Ontario, Canada
- Feb. 2013 In the Loop Series - invited speaker
Stories + Data = Good Design
Institute of Design, Chicago, Illinois, USA
- July 2011 IIIS Conference on Knowledge Generation, Communication and Management - session chair
From Visual Communicator to System Designer - A Better Business Partner
Orlando, Florida, USA
- Oct. 2010 AIGA Educators Conference
Processes Interacting between Designer, Developer, and Marketer
Changing Conditions: Emerging Practices, Raleigh, North Carolina, USA
- June 2010 Visual Evidence Seminar - invited speaker
How Real is Too Real: Avatars Effect on Judgment
Open University, London, England
- Aug. 2009 SIGGRAPH Conference - Creative Studio
Technical presentations of Wordpress website design and development
Los Angeles, California, USA
- Aug. 2009 Old Town New World Conference
Teaching Web design and development
Chamber of Commerce Rock Hill, South Carolina, USA
- Aug. 2009 SIGGRAPH Conference - Creative Studio
Technical presentations of vector graphics and the Means by which we find our way project
New Orleans, Louisiana, USA
- April 2008 SIGGRAPH Conference - Creative Studio
Technical presentations of vector graphics: printing for a vinyl cutter
Los Angeles, California, USA
- Nov. 2006 Design Speakers Series
Usability Analysis of Websites from the Utilitarian to the Experiential
Invited Speaker, University of Alberta, Edmonton, Alberta CAN.
Study Abroad Program
- Nov. 2006 Curriculum Presentation Visual Comm. Design and Interactive Media
NABA School of Art and Design, presentation, Milan, Italy.
Domus Academy, presentation, Milan, Italy.
- Dec. 2005 Fume Rite a Ceremony of Smoking
Faculty Exhibition Lecture, Winthrop University, Rock Hill, SC., USA
- Sept. 2005 International Information Design Conference
A Strategy for Teaching Technology
Sao Paulo, Brazil.

Oct. 2004 Technology, Knowledge, and Society Conference
Pathways to Drawing: Testing Multiple Learning Strategies One Walkthrough at a Time
USC Berkeley, Oakland, California, USA

April 2001 Law and Technology Conference
Effect of Visual Elements on the Perception of Jurors in Computer Re-enactments of Crime Scenes
MIT, Cambridge, Massachusetts, USA

Reviewer / Adjudicator / Editor

2024 - current Book Reviewer, Visual Methods for Digital Research: An Introduction, Design Research Society
2023 - current Journal Reviewer, A Conceptual Framework for Designing Interactive Human-Centred Building Spaces to Enhance User Experience in Specific-Purpose Buildings, Design Science Journal., Cambridge University Press.

2021 - current Journal Reviewer, Understanding metaverse consumers through escapism motives International Journal of Human Computer Interaction, Taylor and Francis publisher
2019 Conference Paper Reviewer, Interdisciplinary Research, Education, and Communication IRE&D, International Multi-Conference on Complexity, Informatics and Cybernetics, March, 2020
2019 Conference Track Co-chair with Dr. Zhabiz Shafieyoun, Design Research Society (DRS) LearnXDesign - Paper Reviewer, Submission Committee Chair drslxd19.id.metu.edu.tr
2018 Editorial Reviewer, Online and Published Journal Diseña - www.revistadisena.uc.cl
2017 Editorial Board Member, Online Journal *Reification* - www.uiuc.edu/reification

2017-18 Reviewer Unified Jury - SIGGRAPH conference research and design proposals, Chicago, Illinois.
2015-16 Reviewer Unified Jury - SIGGRAPH conference research and design proposals, Chicago, Illinois.
2013-14 Reviewer Unified Jury - SIGGRAPH conference research and design proposals, Chicago, Illinois.

2012 Reviewer - *Blunt* AIGA Educators Conference paper submissions, Norfolk ,Virginia.
2011, 12, 15 Reviewer Unified Jury - SIGGRAPH conference research and design proposals, Chicago, Illinois.
2011 Juror - MoonLight Creative Group - *BIG Ideas* design competition, Charlotte, North Carolina.
2010 Book Editor - *How to Design Websites*, by Alan Pipes Laurence King Publishing, London, England.
2005 Juror / peer reviewer - *The International Conference of Science Information and Technology Computer Graphics Education for small Art Programs' Encoding Text, and Revealing Meaning*. CGPublisher.
2004 Juror - *Electronic Media Festival (EM Fest)* student entries, Winthrop University, Rock Hill, South Carolina.
2003 Juror / peer reviewer - SIGGRAPH conference paper proposals, Dallas, Texas.

Exhibitions

Nov. 2011 Faculty Exhibition, Patrick Gallery, *Shift* - interactive media / video installation, in collaboration with Shaun Cassidy, Seth Rouser, and *Fiorette* with Phil Moody

Dec. 2005 Solo Show Lewendowski Gallery, *Fume Rite: The Ceremony of Smoking* - communication system for designing a ceremony - Faculty Exhibition of Public Service Posters and Ashtray Designs

Workshops / Panel Discussions

May 2024 Clemson University Research Symposium
Panelist: *Inclusive Excellence: Transformative Research in Accessible Design and Innovation*
Julian Brinkley, Jody Cripps, Gerry Derksen, Emma Dixon, Kristina Randall, Robin Tyndall

April 2024 AIRISE Conference Clemson University, Affiliate member of Artificial Intelligent Research in Stem Education. *Smart Toy for Children with Autism*, Panel Discussion Clemson SC., USA

Nov 2022 Workshop with Dr. Paige Anne Rodeghero and Emma Dixon, Clemson University - *Neurodiversity and Technology Research*, Clemson SC., USA

- Feb. 2021 Workshop for Dr. Carlos Teixeira, Institute of Design - *Agent Based Modeling Systems in Design (ABMS)* - Chicago, USA
- Nov. 2020 Series Theme Francesco Galli, Panel Discussion - *Design Diaspora: Sharing or Hoarding Knowledge in the New Normal*, Milan, Italy
- Oct. 2019 Workshop with Dr. Piotr Michura, Art Institute of Chicago - *Visualization: Understanding Content in Context*, Chicago, USA
- May 2018 CSDH/SCHN Digital Humanities Conference 2018 - Panel Presentation with Stan Ruecker, and Marley Lepert *Emulation is the Sincerest Form of Flattery*, Regina SK. Canada
- Oct. 2017 DCExpo, 2017 - Panel Discussion with Osamu Hasegawa, Associate Professor at Tokyo Univ. Satoshi Hamano, Senior Researcher at rakumo and Kensuke Ichihara - Moderator *Visualization, the Key to the Future*, Tokyo. Japan
- July 2016 In ACM SIGGRAPH 2016 Studio - Andrew Besmer and Gerry Derksen. 2016 - Workshop *E-cannons and Other Robot Weapons*. ACM, New York, NY, USA, , Article 12, 2 pages. DOI: <http://dx.doi.org/10.1145/2929484.2970271>
- Oct. 2015 Maker Faire, 2015 - Oculus Rift on Display *Interacting for Information: A Virtual Tour of the Design Dept.* , Charlotte NC. USA
- Aug. 2014 3D Systems Rapid Prototyping, 2014 - Co-taught Workshop Michael Gayke *Multi-material Printing the Objet Way*, Vancouver, B.C. Canada
- June 2013 Digital Humanities Summer Institute, 2013 - Co-taught Workshop Milena Radzikowska, and Jen Windsor - *Visual Design for Digital Humanists*, Victoria B.C. Canada
- Aug. 2006 Artist Workshop Series *Designing Websites for Artists* - invited speaker Aiken Arts Council, lecture, Aiken, South Carolina, USA
- Sept. 2002 *The Secrets of Award Winners* TLC panel discussion, Winthrop University, Rock Hill, South Carolina, USA

Event Coordinator / Speaker Host

- 2018 SIGGRAPH Emerging Technology Chair, Design and Business Address, Vancouver, Canada
- 2016 SIGGRAPH Studio Chair, Anaheim, California
- 2012 Democratic National Convention (DNC) Cultural Committee, Charlotte North Carolina.
- 2009 - 2010 Pecha Kucha - Coordinating Committee and Co-host, Charlotte, North Carolina.
- Feb. 2004 EM Fest competition, host and presenter, Winthrop University, Rock Hill, South Carolina.
- Feb. 2003 EM Fest competition, host and presenter, Winthrop University, Rock Hill, South Carolina.
- Apr. 2002 EM Fest competition, host and presenter, Winthrop University, Rock Hill, South Carolina.
- 2003 - 2009 Annual Senior Design Student Portfolio Show invited special guest speakers: Shepard Fairey, David Carson, Gil Shuler, Peter Buchannan Smith, Adrian Shaghnessy, Stan Ruecker, Isabel Meirelles, and Richard Buchanan.

Committees

University Committees

- Board Member - McNair Scholarship Advisory Board, college representative.
- Faculty Petitions and Procedures - Ombudsman for faculty grievance committee.
- Personnel Committee - Tenure and Promotion committee.
- SACS Quality Enhancement Plan - Accreditation future plans committee.
- Electronic Technology (ETech) - Campus wide technology steering committee.
- Information Design Curriculum Development Committee - new programs committee.

Copyright Committee - Development of campus copyright policy.
Intellectual Properties Committee - Development of campus intellectual property policy.
Graduate Committee - Voting member curriculum, policy and governance of the Graduate School.

College Committees

International Arts Committee - College representative for study abroad program.
3D Systems Research Group - Collaborative research group with 3D Systems corporation.
Leadership Affinity Group - Discussion group for leadership styles and evaluation of effective leadership.
Personnel Committee - College representative for Tenure and Promotion.

Department Committees

Student Petitions - Student grievance and course requests.
Curriculum Committee (chair) - Evaluation of new departmental curriculum action.
Media Resources Committee - Program development for Rutledge Resource Facility.
Computer Users Committee (chair) - Prioritize equipment needs.
Portfolio Committee - Evaluation of transfer student portfolios for course credit.
Publicity and Promotions Committee - Portfolio Day - student evaluation and recruitment event.

2002 *Graduate Student Thesis Committees*

David Henry graduate research study from the University of Southern Illinois.

2024 Project Director Dr. Steven Dick.

Sejal Bansal graduate research independent study Clemson University, South Carolina
Project Director Gerry Derksen

2008 - 2021 *Tenure Committees*

Served on pre-tenure, tenure post-tenure and promotion committees for 26 assistant, associate and full professors from Winthrop University, Rutgers University, University of Duluth, and University of Southern Illinois.
I have served as chair on 8 of these committees.

Accreditation Council - Visiting accreditor for the American Council for Independent Colleges and Schools (ACICS) and National Association for Schools in Art and Design (NASAD) academic evaluation of graphic, web, animation, and interior design programs using CAD/CAM software

2004 ACICS Accreditation Review Committee, Katherine Gibbs School of Design, New York, NY.

2003 ACICS Accreditation Review Committee, Minneapolis Business College, Minneapolis, MN.

2002 ACICS Accreditation Review Committee, ITT Technical College, Mechanicsburg, PA.

2001 NASAD Department Co-author, Self-Study Contributor, Winthrop University Rock Hill, SC.

Professional Membership

2018 - current DRS Design Research Society, member / reviewer
2013 - current qCollaborative Feminist Design Research Lab, University of Waterloo, member
2010 - current ACM Association for Computing Machines, member
2009 - 2013 IIID International Institute for Information Design, member
2007 - 2010 Command D student organization, student advisor
2001 - 2009 AIGA American Institute of Graphic Artists, student chapter coordinator
2002 - current ICOGRADA International Council of Graphic Design Associations, member
2002 AIGA American Institute of Graphic Artists, South Carolina education, advisory board member
2000 GDC Graphic Designers of Canada, member

College or Institute Research Affiliate Membership

2024 - current Center for Human-AI Interaction, Collaboration and Teaming, Clemson University
2022 - current AIRISE - Artificial Intelligence Research Institute for Science and Engineering, Clemson University
2022 - current A2R Design and Industry Collaboration Group, Federal University of Rio Grande do Sul, Brazil
2013 - 2018 INKE Implementing New Knowledge Environments, Research, University of Waterloo

2018 - 2022 Design Concepts Lab - Research Group, University of Illinois - Urbana Champaign
2013 - 2015 CLEAR Conversation Language as an Enterprise Asset and Resource, University of Illinois
Urbana Champaign

Professor of Record - Undergraduate

Courses taught at the University of Alberta, Winthrop University,
Illinois Institute of Technology, the University of Illinois, and Clemson University
10+ Courses I have developed or greatly modified current curriculum
ARTS 444 Interactive Media II
ARTD 418 Advanced Interaction Design
DESF 101X Pilot Course - Design Theory and Process

VCOM 222 Visual Thinking of Symbolic Communication
VCOM 259 Introduction to Graphic Design
VCOM 258 Introduction to Typography
VCOM 261 Digital Imaging
VCOM 262 Introduction to Web Design
VCOM 355 Design Concepts
VCOM 362 Interactive Media
VCOM 363 Sequential Media I
VCOM 444 Design Practicum
VCOM 455 3D Graphic Design
VCOM 453 Corporate Identity
VCOM 462 Design for Alternative Platforms
VCOM 463 Sequential Media II
VCOM 578 Senior Portfolio

DIFD 151 Information Design Seminar I
DIFD 322 Visual Design of Complex Systems
DIFD 351 Information Design Seminar II
DIFD 451 Senior Synthesis

GC 1050 Application of Digital Graphics
GC 3400 Digital Imaging
GC 4900 Design and AI

Professor of Record - Graduate

GC 6180 Graduate Seminar - Research Design, Methodology and Project Proposal for Masters
in Graphic Communications
VCOM 480, 481, 482, 483 Independent Study in design marketing and social marketing as
well as courses that investigated alternative media platforms such as virtual and augmented
reality VR/AR.
ARTS 670 Video Production - An independent study course at the graduate level.
DESP 690 PhD Research Seminar, Computational Literature Review, Co-taught with:
Dr. Carlos Teixeira
GC 6900 Design and AI - A survey of artificial intelligence tools and the future of design

Program and Curriculum Development

Bachelor of Science in Digital Information Design degree
Bachelor of Design degree
Experience Design program
Interactive Media program
Courses in UI/UX, web design, design and AI, Data Visualization, and Capstone Experience