

TROY D. ABEL

Assistant Professor, UX Design
Department of Design
College of Visual Art & Design
University of North Texas

EDUCATION

- 2010 Iowa State University, Ames, IA
Doctor of Philosophy (Ph.D.), Human Computer Interaction (HCI)
Dissertation: Beyond Usability: An Alternative Usability Evaluation Method, PUT-Q2
Major Professor: Roger Baer
- 2008 Iowa State University, Ames, IA
Master of Fine Art (MFA), Graphic Design
Thesis: Beyond Usability: A Methodology to Evaluate the Affective Experience of Interaction with e-Commerce Websites
Major Professor: Debra Satterfield
- 2005 Valparaiso University, Valparaiso, IN
Bachelor of Science in Fine Art (BSFA), Graphic Design and Visual Communication
- 2004 Valparaiso University, Valparaiso, IN
Bachelor of Arts (BA), Public Relations and Video Communications
- 1992 Scott Community College, Bettendorf, IA
Associate of Art (AA), Mathematics
Associate of Art (AA), Computer Science

TEACHING POSITIONS

- 2017- University of North Texas, Denton, TX
Assistant Professor, UX Design
- 2010-2015 Virginia Tech, Blacksburg, VA
Assistant Professor, Visual Communication Design
- 2009-2010 Iowa State University, Ames, IA
Instructor, Graphic Design
- 2005-2009 Iowa State University, Ames, IA
Graduate Teaching Assistant, Graphic Design

GRADUATE STUDENT ADVISEES

Major Professor.

Rachel Robinson, MFA, Creative Technologies (Graduated: 2015 | UX Lead, P'unk Ave)
Ryan Musselman, MFA, Creative Technologies (Graduated: 2013 | Animator, Hue & Cry)

Committee Member.

Christina Lindwin, MFA, Creative Technologies (Graduated: 2015 | UX Engineer, Google)
Justin Fine, MFA, Creative Technologies (Graduated: 2015 | UX Designer & Art Director, Simantel)
Gareth Griffith, MFA, Creative Technologies (Graduated: 2014 | Software Engineer, Capital One)
Meg Walker, MFA, Creative Technologies (Graduated: 2013 | Web Developer, University of Virginia)
Alison Kim, MFA, Creative Technologies (Graduated: 2013 | Web Editor, Casey Trees)
Shamsul Abu Bakar, Ph.D., Architecture & Design Research (Graduated: 2011 | Assistant Professor, Universiti Putra Malaysia)

PROFESSIONAL PRACTICE & APPOINTMENTS

- 2015-2016 Key Lime Interactive, UX Research Manager & Senior Strategist
Key Lime Interactive is a Usability consulting firm working in the healthcare, banking, travel and leisure

markets. As the UX Research Manager & Senior Strategist, my responsibilities include pre-sales assistance, executing research and usability methodologies for large Fortune 500 & 100 companies, analyzing data reporting findings to C-level Suite executives and above, and overseeing junior researchers on projects.

- 2012-present Key Lime Interactive, Usability Testing Consultant
Key Lime Interactive is a Usability consulting firm working in the healthcare, Banking, Travel, and leisure markets. I actively consulted for Key Lime and my usual assignments were for a large International Banking client based in the US. Current usability methodologies, including eye-tracking, are incorporated into my assignments.
- 2012-2013 Evans, Abel & Associates, LLC
Strategic consulting firm specializing in participatory design methodologies and learning technologies. Largest client: Practicing Law Institute (PLI), NY, NY. Completed large \$80,000 consulting project that investigated new and novel learning technologies for lawyers and continuing education.
- 2000- Total Design Associates, LLC
Disengo Design, LLC
Small Business Owner of two design firms. Multimedia / Web design firms created as limited liability corporations. Freelance work including web-based training, interactive CD's and publishing and maintaining professional websites. Highlights: large-scale internal marketing campaign for Warburg Dillon and Reed (global bank) in the spring of 2000 included working with European based corporation to promote new internal messaging software. Solutions included the creation of an intranet website for training and information dissemination in addition to 25,000 printed pieces of marketing material worldwide. Human centered design projects completed as a subcontractor of Keylime Interactive included usability testing and eye-tracking for major clients including Intel and University of Phoenix. Other clients include a2 Digital, Emergence Group, and Chicago Street Theatre.
- 1997-1995 Skyline Design, Chicago, IL
Systems Administrator & Designer
System Administrator Responsibilities: Maintained 22 graphic + administrative workstations including two servers for the firm including training and development of Intranet web-based information services for mobile sales-force.
Design responsibilities: Worked with other designers and interior architects to create and implement themed environments. Design of sandblasted decorative/architectural glass, corporate identities, three-dimensional environmental graphics and other printed marketing materials.

PUBLICATIONS

- 2019 Abel, T.D., Satterfield D. *HCI & UX Design Education: Principles for Ethical and Responsible Practices in Inclusive UX Research*. Chapter in: *UXD and UCD Approaches for Accessible Education*. Ricardo Mendoza-Gonzalez, Huizilopoztli Luna-Garcia, Dr. Alfredo Mendoza-Gonzalez (Eds.).
Published by: <https://www.igi-global.com/>
Anticipated Publication Date: April-May 2020
- 2015 Evans, MA., Walker, MAH., Abel, T., McGlynn, M., Norton A. Evaluating Design Patterns for Intentional Learning in Educational Video Games: Identifying a Common Language for Interdisciplinary Collaborations. *The Journal of Applied Instructional Design. Volume 4, Issue 1, 5*. (Participation 20%)
- 2014 Sorice, M. G. and T. Abel. A landowner-centered approach to obtaining participation in pre-compliance conservation programs, in *Markets, Mitigation, and the Endangered Species Act: Solutions For Incentivizing Proactive Species Conservation* edited by C. J. Donlan and T. Gartner. University of California Press. [Participation: 40%]
- 2014 Abel, TD., Evans, M. Cross-disciplinary Participatory & Contextual Design Research: Creating a Teacher Dashboard Application. *Interaction Design and Architecture(s) Journal - IxD&A, N.19, 2013, pp. 63-76*.
- 2013 McCrickard, D. Scott; Abel, Troy D.; Scarpa, Angela; Wang, Yao. [Collaborative Design for Young Children with Autism: Design Tools and a User Study](#). *Technical Report TR-13-04*, Department of Computer Science, Virginia Polytechnic Institute & State University (Participation: 25%)
- 2013 Abel, TD., [DESIGN EDUCATION: OUT OF THE STUDIO AND INTO THE RESEARCH LAB](#). *Online Journal of Art and Design. Volume 1, Issue 1, 10-16*. (Participation: 100%)
- 2012 Winchester, WW., Abel, TD., Bauermeister, J., The use of partner-seeking computer-mediated communication applications by young men that have sex with men (YMSM): uncovering human-computer interaction (HCI) design opportunities in HIV prevention. *Health Systems, Volume 1, Issue 1, 10-18*. (Participation: 40%)
- 2012 Abel, T., Beyond Usability: PUT-Q2: An Alternative Usability Evaluation Method. LAP LAMBERT Academic Publishing. ISBN: 3846551015, Book, pp. 184 (Participation: 100%)

- 2011 Abel, T., Fenske, L., Muslimani, S., Learning from the Bauhaus. The Value of the Master/Apprentice Model-Instruction Through Practice in Design Education. *Industrial Designers Society of America*. On-Line Journal. www.idsa.org/category/reserved-tags/troy-abel (Participation: 33%)
- 2011 Luersen, K., Davis, S. A., Kaplan, S. G., Abel, T. D., Winchester, W. W., & Feldman, S., Sticker Charts: A Method for Improving Adherence to Treatment of Chronic Diseases in Children. *Pediatric Dermatology*. Wiley Online Library. (Participation: 20%)
- 2010 Abel, T., et.al. The Designers Accord: Integrating sustainability into design education- The Toolkit. edutoolkit.designersaccord.org (Participation: 1 of 100 invited participants)

PUBLICATIONS (CONFERENCE PROCEEDINGS + PRESENTATION)

- 2019 Abel, T.D. *Beyond Usability: Methodologies and Bias- Surveying the Surveys* (vol. 13, pp. 3-10). Springer. https://link.springer.com/chapter/10.1007/978-3-030-23560-4_1
- 2019 Gibson, M., Abel, T. *Silo-Busting and Island- Hopping: How (and Why) to Deploy Pedagogic Approaches that Blend Theory and Practice*. (IXDA) Interaction Design Association Conference 2019, Full paper published by IxDA online at medium.com. <https://medium.com/ixda/silo-busting-and-island-hopping-how-and-why-to-deploy-pedagogic-approaches-that-blend-theory-bb0a0909bb7a>
- 2018 Abel T.D., Satterfield D. The Divergency Model: UX Research for and with Stigmatized and Idiosyncratic Populations. In: Yamamoto S., Mori H. (eds) *Human Interface and the Management of Information. Information in Applications and Services*. HIMI 2018. Lecture Notes in Computer Science, vol 10905. Springer, Cham. https://doi.org/10.1007/978-3-319-92046-7_1
- 2015 McCrickard, D. S., Abel, T., Scarpa, A., Wang, Y., Niu, S. Collaborative design for young children with autism: Design tools and a user study. *2015 International Conference on Collaboration Technologies and Systems (CTS)*. IEEE. <http://dx.doi.org/10.1109/cts.2015.7210418>
- 2014 Abel, T. "Design Education: Teaching Design Science by Incorporating Eye-Tracking Data into Undergraduate Visual Communication Design Studios." DesignED Asia 2014, Hong Kong. (Acceptance 25%)
- 2014 Kim, M., Kang, Y., Hong, S., Abel, T. "Difference of Perceived Fear between Actual Environment and Image-base Environment using Eye Tracking Method". *15th International Conference on Information Technology in Landscape Architecture Proceedings*. Zurich, Switzerland. (Acceptance 25%)
- 2013 Abu Bakar, S., Miller, P., Katen, B., Abel, T., Shariff, M.K.M., Sforza, P., & Kim, M. (2013). Digital Monuments and Augmented Reality: Study of the American Civil War Landscapes. *14th International Conference on Information Technology in Landscape Architecture Proceedings*, 101-108. Bernburg, Germany. (Acceptance 25%)
- 2012 Abel, T., Beyond Design Education: Incorporating Eye-Tracking Research into the Traditional Design Studio. Proceedings of International Symposium: Integrating Research, Education, and Problem Solving: IREPS 2012, Orlando, Florida. (Acceptance 45%)
- 2012 Abel, T., Design Education: Out of the Studio and into the Research Lab. Proceedings of the International Conference on Communication, Media, Technology and Design, Istanbul, Turkey. (Acceptance 50%)
- 2012 Abel, T., Design Education: Teaching User Experience Through Packaging Design. Proceedings of the International Conference on Communication, Media, Technology and Design, Istanbul, Turkey. (Acceptance 50%)
- 2010 Abel, T., Beyond Usability: A Methodology to Evaluate the Affective Experience of Interaction with E-Commerce Websites. Proceedings of Measuring Behavior, Eindhoven, Netherlands. (Acceptance 41%)
- 2007 Satterfield, D., Abel, T., Bedside Manner: developing a methodology for experience design for student health centers. Proceedings of IASDR (International Association Society for Design Research), Hong Kong. (Participation 30%) (Acceptance 47%)
- 2007 Abel, T., Kang, S., Design Research Works: Case study of craigslist.org Proceedings of IASDR (International Association Society for Design Research), Hong Kong. (Participation 80%) (poster/Acceptance 35%)

PUBLICATIONS (PUBLISHED DESIGN WORK)

- 2007 Symbol Design. "Abstract Eye"
Design Elements: A Graphic Style Manual by Timothy Samara, page 153
- 2010 Poster. "&"
Designer Magazine, UCDA publication, Vol. 35, No. 3

PUBLICATIONS (EXTENDED ABSTRACTS + PRESENTATION)

- 2011 Hannam, B., Abel, T., Muslamani, S. Reflecting the Education of Visual Communication while Expanding the Scope of Design Students. College of Architecture and Urban Studies Research Symposium, Virginia Tech, Blacksburg, Virginia.

PUBLICATIONS (IN PROGRESS)

- 2019 *Foundation of UX*
Book, Morgan Kaufman or O'Reily Publishers

PUBLICATIONS (BIOGRAPHICAL PUBLICATIONS)

- 2011 Virginia Tech, Center for Instructional Development and Educational Research. "Teacher of the Week," <http://www.cideronline.org/teacheroftheweek/pastwinners2.cfm?tid=36>
- 2010 SensoMetric Instruments. "Virginia Tech's School of Visual Arts Opens a New Eye Tracking and Usability Testing Lab," <http://bit.ly/LMTXXw>
- 2008 Iowa State University, University Relations. "A champion Student ... and teacher," <http://www.ur.iastate.edu/twomin/2008/abel.php>
- 2008 Iowa State University, News Services. "Iowa State design student wins CW Network internship with 'Gossip Girl' promo," <http://www.public.iastate.edu/~nscentral/news/08/aug/kutilek.shtml>
- 2008 International Corrugated Packaging Foundation. "ICPF Announces Student Winners," <http://bit.ly/KJVKx5>
- 2007 Iowa State University, News Services. "Two Iowa State graphic design students win national competition," <http://www.public.iastate.edu/~nscentral/news/2007/dec/design.shtml>

CONFERENCE PRESENTATIONS & WORKSHOPS

- 2019 Abel, T.D., Satterfield, D. *Stigma and Motivation: Using the Divergency Model to Identify Perceived Risk Versus Conformity in UX Research*. 5th International Naples Forum on Service. Ischia, Italy.
- 2019 Gibson, M., Abel, T. Silo-Busting and Island- Hopping: How (and Why) to Deploy Pedagogic Approaches that Blend Theory and Practice. Presentation. (IxDA) Interaction Design Association Conference 2019. Seattle, WA. (Participation: 50%)
- 2018 Abel, T. Stop Teaching Technology– Becoming Autodidactic: Strategies for Teaching UX and Design Tools. Presentation. SECAC (Southeastern College Art Conference) Birmingham, AL.
- 2018 Abel, T. Beyond Usability: Making the Case for Idiosyncratic and Marginalized Audience Participation in Mainstream Usability Research. Presentation. Applied Human Factors Engineering Conference 2018, Orlando, FL.
- 2016 Abel, T., Rodriguez, A. Customer Journey Mapping: An Introduction, Workshop, UXPA Seattle 2016, Seattle, Washington. (Participation: 75%)
- 2015 Abel, T., Human Centered Design Methods in Interaction Design, Workshop, AIGA- Design Educators Conference, Toronto, Canada.
- 2013 Abel, T., Poster: Design Education: Teaching Design Science by Incorporating Eye-Tracking Data into Undergraduate Visual Communication Design Studios. AIGA Design Education Conference, Head, Heart, Hand. Minneapolis, MN.
- 2013 T. Abel, M. Evans, R. Musselman. Poster: Designing a Data Visualization App for Middle School Mathematics Teachers, American Educational Research Association (AERA) San Francisco, CA. (Participation: 45%)
- 2012 Abel, T., Idea Market: How do you Teach UX and Usability in your Design Classroom? International Usability Professional Association (UPA) Conference, Henderson, Nevada.
- 2011 Abel, T., Hannam, B., IGNITE: Sharing and Changing Design Education in 5 Minutes. SECAC (Southeastern College Art Conference), Savannah, Georgia. Session Co-Chair (Participation 50%)
- 2011 Abel, T., IGNITE– Design Education: Making them Sketch! SECAC (Southeastern College Art Conference), Savannah, Georgia.
- 2011 Hannam, B., Abel, T., Muslamani, S. Reflecting the Education of Visual Communication while Expanding the Scope of Design Students. Design Principles & Practices, Rome, Italy. (Participation 33%)
- 2011 Abel, T., Hannam, B., Muslamani, S., Identifying Win-Win External education opportunities within a visual communication design context. CHEP (Conference on Higher Education Pedagogy), Blacksburg, Virginia. Poster. (Participation 33%)

- 2010 Abel, T., Ure, C., Graphic Design Pedagogy: Rebranding Rome– Out of the Classroom and into the Fray. Hawaii International Conference on Art & Humanities, Honolulu, Hawaii. (Participation 50%)
- 2010 Abel, T., Design Education: Stop Teaching Technology and Make Them Learn! Hawaii International Conference on Art & Humanities, Honolulu, Hawaii.
- 2010 Abel, T., Ure, C., Out of the Classroom and Into the Fray. SECAC (Southeastern College Art Conference), Richmond, Virginia. (Participation 50%)
- 2010 Abel, T., Quam, A., Experience Design Models– A Compass for Integrating Methodology, Research, and Criteria? SECAC (Southeastern College Art Conference), Richmond, Virginia. (Participation 50%)
- 2007 Abel, T., Faber, C., Connecting Studios: Integrating Traditional and Digital Drawing techniques within the Graphic Design Curricula. AIGA Intent/Content Conference, Nashville, Tennessee (Participation 50%)
- 2007 Abel, T., A methodology for evaluating the effectiveness of Pictographic symbol sets for children with language disabilities. SECAC (Southeastern College Art Conference), Charleston, West Virginia
- 2007 Abel, T., Satterfield, D., Design for Social Inclusion: New Models of Communication for Children with Language Disabilities. Cross Cultural Perspectives, Eau Claire, Wisconsin (Participation 70%)

ACADEMIC & SERVICE AWARDS

- 2010 CIDER Teacher of the Week, Virginia Tech
- 2008 Iowa State University Graduate Teaching Excellence Award
- 2008 College of Design Outstanding Graduate Teaching Assistant, Iowa State University
- 2007 Wakonse Teaching Fellow / 2007, 2008, 2009
- 2007 Preparing Future Faculty Fellow, Center for Excellent in Learning & Teaching Iowa State University

INVITED GUEST LECTURES

- 2010 “What is usability?” Keynote Speaker, World Usability Day, Virginia Tech

GUEST LECTURER FOR COURSES

- ArtGR 276 Graphic Technology II / Professor: D. Satterfield, Iowa State Univ. / Topic: Color Management in OS X
Spring 2007, 2008, 2009, 2010
- ArtGR 372 Production + Practice / Professor: D. Satterfield, Iowa State Univ. / Topic: Color Management in OS X
Spring 2008, 2009, 2010
- Eng 205 Semantics / Professor J. Vallier, Iowa State Univ. / Topic: Semiotics and Icons
Summer 2006

GRANTS, TRAVEL & FUNDRAISING

- 2018-2019 CVAD Travel Grant Awards
\$3,241 (100% Credit)
- 2017-2018 CVAD Travel Grant Awards
\$2,200 (100% Credit)
- 2015 4VA Grant- Digital Dashboards
\$35,000 (50% Credit)
- 2014 ICAT Grant- Designing Digital Dashboards
\$25,000 (50% Credit)
- 2013 Interdisciplinary Graduate Education Program (IGEP), Graduate School
\$400,000 (60% Credit)
- 2013 SCHEV Equipment Trust Purchase (Eye-Tracking Glasses).
\$20,000 (100% Credit)
- 2013 ICAT Mini-Grant Software award (Eye-Tracking Glasses).
\$9,500 (100% Credit)
- 2013 Figuring it Out: A community-based, participatory approach to develop an
intervention to assist sexual minority youth in making disclosure decisions to family
\$16,266.79 (20% Credit)
- 2012 CHCI Graduate Research Assistant funding: Dashboard: Teacher visualization application.
\$18,000 (33% Credit)

- 2012 Virginia Bioinformatics Institute (VBI): NIH Supplemental Grant.
\$3,500 (Summer Salary)
- 2012 AIGA Student Organization Grant
\$1,375 (100% Credit)
- 2011 Virginia Tech Travel Grant
\$1,000 (100% Credit)
- 2010 Virginia Tech Travel Grant
\$1,400 (100% Credit)

GRANTS, TRAVEL & FUNDRAISING (Not Funded)

- 2017 Autism Awareness Not funded
- 2013 NIOSH/CDC U60 National Center Application "National Center for Construction Safety and Health Research and Translation."; Construction Safety Characters and Channels to Reach Latino Construction Worker.
- 2013 NIOSH/CDC "National Center for Construction Safety and Health Research and Translation Center wide activities and services- Public Health Policy R2P"
- 2013 NIOSH/CDC U60 National Center Application "National Center for Construction Safety and Health Research and Translation";
- 2013 NSF: SCH: EXP: Helping the Helpers Help Others A SCH Approach to Technology Design for Young People with Autism.
- 2012 NSF: HCC: Small: Helping the Helpers Help Others: An HCC Approach to Technology Design for People with Cognitive Disabilities.

OUTREACH

- Summer 2007 Volunteer Instructor, Iowa State University
High School Day for Juniors: 1-Day Workshop
- Fall 2006 SketchUP® Workshop Organizer, Iowa State University
First ever on-campus training by Google® for their software, SketchUP®, training over 100 students
- Summer 2005 Assistant Instructor, Iowa State University
1-Day 4H Event

TEACHING EXPERIENCE

University of North Texas

- ADES 1513 Contextual Research Methods
Fall 2018, 2019
- ADES 5420 Human Centered Interaction I
Fall 2019
- ART 4120 Art on Location (Study Abroad)
Summer 2019
- ADES 2518 Design Prototyping and User Testing
Spring 2019
- ADES 5430 Human Centered Interaction II
Spring 2019
- ADES 4900 Special Problems (Independent Study)
Spring 2019
- ADES 2513 Typographic Systems
Fall 2018
- ADES 1543 Foundations of User-Centered Design
Spring 2018, 2019

Virginia Tech

- Art 2576 Introduction to Graphic Design II
Fall: 2013 (n/a)

Art 2984 Special Topics: Typography I
Spring: 2012 (5.15/6.0)

Art 3565 Intermediate Graphic Design I
Spring: 2012 (5.3/6.0), 2011 (3.9/4.0)

Art 3574 Special Topics: Motion Graphics
Spring: 2011 (n/a)

Art 4504 ePortfolio
Fall: 2010 (3.1/4.0) 2011 (n/a), 2012 (5.25/6.0)

Art 4504 Advanced Visual Communication
Spring: 2013, 2014, 2015

Art 4534 Package Design
Fall: 2010 (3.6/4.0)

Art 4984 Independent Study: Advanced Typography
Spring: 2011 (n/a)

Art 4674 Field Study: European Immersion
Summer: 2011 (n/a), 2013

Art 5704 TS: Motion Graphics
Fall: 2012 (5.33/6.0)

Art 5524 TS: Human Centered Design
Fall: 2013

Art 5984 TS: Concepts, Theory, and Methods of Visual Communication Design
Spring: 2013

Grad 5584 Seminar in Human Centered Design
Fall: 2013

Iowa State University

ArtGr 271 Graphic Design Studio II
Spring: 2010

ArtGr 370 Graphic Design Studio III
Fall 2007

ArtGR 371 Graphic Design Studio IV
Spring: 2008

ArtGr 377 Graphic Design Internship Seminar / Professional Practices
Spring: 2010

ArtGr 470 Graphic Design Studio V (Rome, Italy)
Fall: 2009, 2008

ArtGr 475 Advanced Typography (Rome, Italy)
Fall: 2009, 2008

ArtGr 475 Advanced Typography
Spring 2008

ArtGr 484/584 Special Topics: Motion and Broadcast graphics
Spring: 2010, 2009, 2008

ArtGr 484 Special Topics: Italian Packaging Design (Rome, Italy)
Fall: 2009, 2008

ArtGR 484 Special Topics: ISU A+D Graduate Marketing Campaign

ArtGr 484 Special Topics: Non-Linear Editing for Graphic Designers
Fall 2007; Spring 2007

ArtGr 276 Graphic Technology II
Spring 2007, 2006

ArtGr 275 Graphic Technology I
Fall: 2006, 2005

EVENTS AND PROJECTS ORGANIZED FOR CLASSES

2012 Intermediate Visual Communication I, Symbology Project for Key Lime Interactive
\$2,500 grant

2011, '13, '15 European Summer Immersion Study Abroad with master workshops by Rosemarie Tissi and Primo Angeli.
Visited: Rome, Milan, Venice, Naples & Sorrento Italy, Basel & Zurich, Switzerland.

2009 Arranged for Israeli Typographer and Author, Oded Ezer to conduct a master class with my student in
Rome, Italy

ADDITIONAL TEACHING COMMITMENTS

2011-2013 VCD Internship Coordinator

2011 Independent Study. Melanie Flagg / Packaging Design

2010 Independent Study. Rachael Ritchie / Design + Research
Independent Study. Allison Bhatta / Design + Research

ACADEMIC SERVICE (PROFESSION)

2017 Reviewer, Special Journal of the HCII- Autism Speaks

2012-2015 Member. AIGA Design Educators Community National Steering Committee

2012 Co-Chair. UCDA Designers Educators Summit, Catch 22, Virginia Tech, Blacksburg, Virginia.

2012 External Grant Reviewer. Oklahoma Central University

2012 Abstract Reviewer. UCDA

2011 Abstract Reviewer. Mobile CHI Conference

2011 Article Reviewer. Special Edition Journal of Personal and Ubiquitous Computing

2011 Abstract Reviewer. ACM-CHI Conference

2011 Abstract Reviewer. Measuring Behavior Conference

2011 Abstract Reviewer. Usability Professions Association (UPA)

ACADEMIC SERVICE (UNIVERSITY)

2013-2015 Program Director, Ph.D. IGEP in Human Centered Design

2013 Search Committee Member. Computer Science- Assistant Professor of CS

2010-13 Faculty Senate Representative

ACADEMIC SERVICE (COLLEGE)

- 2018- College Website Redesign Project Manager
- 2017- College Academic Committee
- 2010-2015 College Diversity Committee Member

ACADEMIC SERVICE (SCHOOL/DEPARTMENT)

- 2018 Search Committee Member. UX Design- Assistant Professor of UX Design
- 2017-2018 Committee Member: Departmental Tenure & Bylaws
- 2014 Search Committee Member. VCD Program- Assistant Professor of Professional Practice, Four Design
- 2012 Search Committee Chair. VCD Program- Assistant Professor of Professional Practice, Four Design
- 2012 Search Committee Member. CT Program- Assistant Professor of Creative Technology
- 2012-2015 MFA in CT Application and Program Committee member
- 2012-2015 Scholarship Committee Member
- 2011-13 Portfolio Review Co-Chair

ACADEMIC SERVICE (DEPARTMENT)

- 2011-2013 Program Chair, Visual Communication Design

PROFESSIONAL DEVELOPMENT

- 2018 Creative South Participant
- 2018 Big D Design Conference Participant
- 2017 Creative South Participant
- 2017 Normal/Nielsen UX Conference Certification- UX Certified
- 2017 AIGA- Minneapolis Design Education and Conference Participant
- 2017 Big D Design Conference Participant
- 2015 AIGA- Toronto Design Education Conference Participant
- 2015 Interaction 2015 Conference Participant
- 2015 South by Southwest (SXSW) Interactive Conference Participant
- 2015 Interaction 2015 Conference Participant
- 2014 HOW Interactive Conference Participant
- 2014 CAA- Graduate Programs in Design Panel Participant
- 2014 AIGA- Portland Design Education Conference Participant
- 2014 A2RU Conference Participant
- 2014 Big Nerd Ranch: Beginning iOS and Swift Programming
- Big Nerd Ranch: Mobile Design and Usability
- 2012 Faculty Development Institute (FDI):
 - FDI: Introduction to Virginia Tech's Electronic Faculty Activity Reporting System
 - FDI: Building the NIH Grant
 - FDI: Strengthening your grant proposal Workshop: Broader Impacts Criterion
 - FDI: Building the NSF Grant
- 2010 Faculty Development Institute (FDI): New Employee 2-Day Workshop

PROFESSIONAL AFFILIATIONS

- IxDA Interaction Design Association
- IDF Interaction Design Foundation
- AIGA American Institute of Graphic Arts
- CAA College Art Association
- ACM Association for Computing Machinery
- IASDR International Association of Societies for Design Research
- DRS Design Research Society

UxPA Usability Professionals Association
SECAC South East College Art Conference
UCDA University of College Designers Association

WORLD TRAVEL

Italy (language proficient), Netherlands, Switzerland, China, Czech Republic, United Kingdom, Turkey, Greece, France, Mexico, Japan, Hong Kong, Israel, Spain, North Africa