
CURRICULUM VITAE

EDUCATION

- 2011–2015 Joint Doctoral Program in Special Education
Dissertation title: A Virtual Water Cooler: The Ecology of an Online Community of Practice to Support Teachers' Informal Learning
University of California at Berkeley; Berkeley, CA
- 2013-2015 Rehabilitation Credential Program, Orientation and Mobility (O&M)
San Francisco State University; San Francisco, CA
- 2004-2006 M.A., Special Education
Areas of Study: Education of learners with severe/multiple disabilities, visual impairment
University of Arizona; Tucson, AZ
- 1998-2002 B.S., Health Studies
Area of Study: Physical Therapy
Boston University; Boston, MA

PROFESSIONAL EXPERIENCE

- 2016-present **Program Coordinator and Assistant Professor;** Department of Special Education, Visual Impairments Program, San Francisco State University, San Francisco, CA
- 2011-present **Itinerant Teacher of Students with Visual Impairments (TVI);** Bay Area School Districts (part-time contractor)
- 2012-2016 **Lecturer and Program Advisor;** Department of Special Education, Visual Impairments Program, San Francisco State University, San Francisco, CA
- 2012-2015 **Education and Research Consultant;** Benetech, Palo Alto, CA
- 2006-present **Education Consultant (2009-present), Production Manager (2006-2009);** Touch Graphics, Inc., Elkins Park, MD
- 2009-2011 **Itinerant Teacher of Students with Visual Impairments, & Technology Turnkey Trainer;** New York City Department of Education, Educational Vision Services (EVS), New York, NY
- 2009-2011 **Early Intervention Home-Based Vision Service Provider;** Helen Keller Services for the Blind, Brooklyn, NY; Happy Dragon of New York, Inc., Queens, NY
- 2006-2009 Early Intervention Teacher (2007-2009), Preschool Teacher (2006-2007); Jewish Guild for the Blind, New York, NY
- 2005-2006 **Special Education Teacher (2006), Inclusion Aide (2005);** Catalina Foothills School District, Valley View Preschool, Tucson, AZ
- 2005 **Program Aide;** Project Freedom, Arizona State School for the Blind, Tucson, AZ
- 2003-2004 **Instructional Aide;** SEEM Collaborative, Boutwell School, Preschool for the Deaf and Hard of Hearing, Wilmington, MA
- 2002-2003 **Program Aide;** Perkins School for the Blind, Deafblind Program, Watertown, MA

TRAINING EXPERIENCE

- 2017-present ***SPED750: Assessment Strategies for Learners with Visual Impairments.*** Required course for TVI students in graduate and credential programs. In-depth coverage of assessment strategies and tools for students with visual impairments. SFSU.

2016-present	<i>SPED723: Student Teaching Seminar.</i> Required course for TVI students in graduate and credential programs. Practicum-based instructional and assessment strategies, lesson planning for emerging Teachers of the Visually Impaired. SFSU.
2016-present	<i>SPED752: Issues in Visual Impairment.</i> Required course for TVI students in graduate and credential programs. Historical, psychosocial, and accessibility implications for learners who are visually impaired. San Francisco State University.
2016-present	<i>Dominican College, VI539 (AT for Students who are Blind or Visually Impaired).</i> One day onsite training followed by eight-day online course for graduate- students in the TVI program. Content included: survey of specialized and mainstream tools, principles of accessibility, classroom implementation strategies. Orangeburg, NY.
2013-present	<i>SPED757: Special Populations in Visual Impairment.</i> Required course for TVI and O&M students in graduate and credential programs. Topics focus on working with learners with visual impairments and multiple disabilities, and early intervention; San Francisco State University, San Francisco, CA.
2015-2018	<i>Multimedia Accessibility for the Modern Classroom.</i> Eight-week online course for graduate or professional development credit focused on tools, strategies, and resources for multimedia accessibility including digital instructional materials to support students with disabilities. Perkins School for the Blind, Watertown, MA.
2018	<i>Beyond Assistive Technology: Building Capacity for Digital Materials.</i> Series of statewide multi-day training for teachers of the visually impaired, sponsored by <i>Future In Sight</i> . Concord, NH.
2017	<i>Accessibility for Students with Visual Impairments: Classroom Workflows and Teacher Needs.</i> Workshop with accessibility engineering team at Apple, Inc. Cupertino, CA.
2017	<i>Dueling Devices: How to Assess and Justify Student Needs for Technology.</i> Webinar for Perkins School for the Blind eLearning.
2015-2017	<i>SPED749: Medical, Educational, Rehabilitative Implications of Visual Impairment.</i> Required course for TVI and O&M students in graduate and credential programs. Implications of visual impairment including assessment, program planning and intervention. San Francisco State University.
2016	<i>Indiana State University, PASS Project.</i> Two-day statewide trainings for TVIs, technology consultants, and special education administrators. Content: Overview of multimedia accessibility in the modern classroom for students with visual impairments, iPad How-To, Google How-To. Indianapolis, IN.
2015	<i>Berkeley Resource Center for Online Education (BRCOE).</i> Developed online course modules for professors and staff on the design and implementation of accessible instructional media for learners with disabilities. University of California at Berkeley.
2015	<i>Nebraska Statewide Deafblind Institute.</i> Two-day training for related service providers, teachers, and parents in technology and accessibility for students with multiple disabilities including deafblindness. University of Nebraska at Lincoln.
2015	<i>Summer Engineering Camp for Students with Visual Impairments.</i> One-week residential summer camp for high school students who are blind or visually impaired. Provided support to students and staff in overcoming accessibility challenges to science content and tools. North Carolina State University, Raleigh, NC.
2015	<i>3D Printing for Accessible Materials in Schools.</i> Webinar for the International Society for Technology in Education (ISTE).
2015	<i>Giving an Accessible Presentation.</i> Webinar for <i>Museums and the Web</i> .

- 2014 **STEM2U: STEM Education for Students with Visual Impairments.** Two-day teacher-focused professional development on skills, tools, and resources for STEM accessibility in general and special education settings for students who are blind or visually impaired; National Federation of the Blind (NFB), Baltimore, MD.
- 2014-2015 **SPED655: Basic Orientation & Mobility for Learners with Visual Impairments.** Required course for TVI and O&M students in graduate and credential programs. Topics include: spatial and environmental concepts, sensorimotor skills, basic travel concepts in home, school, community environments; San Francisco State University, San Francisco, CA.
- 2014 **Accessibility Training at University of San Francisco.** Two-day training and resources to USF faculty and Disabled Student Services staff focused on accessibility needs and teaching strategies for including students with visual impairments in the higher education classroom. San Francisco, CA.
- 2014 **3D Printing for Accessible Materials in Schools.** Webinar for the DIAGRAM Center.
- 2013 **How to Create and Maintain a Professional Online Presence.** Biannual meeting of the National Leadership Consortium for Sensory Disabilities (NLCSD); Washington, D.C.
- 2012, 2013 **Intervention Strategies for Students with Visual and Multiple Impairments.** Guest lecture for “Medical, Educational, and Rehabilitative Implications of Visual Impairment” (SPED 749); San Francisco State University, San Francisco, CA.
- 2012, 2013 **Intro to Assistive Technology.** Guest lecture for “Medical, Educational, and Rehabilitative Implications of Visual Impairment” (SPED 749); San Francisco State University, San Francisco, CA.
- 2012, 2013 **Intro to Tactile Graphics.** Guest lecture for “Advanced Communication Skills for Learners with Visual Impairments” (SPED 758); San Francisco State University, San Francisco, CA.
- 2012 **Using Assistive Technology to Access Bookshare Content.** Brown bag staff training; Benetech, Palo Alto, CA.
- 2012 **Disability Awareness for Researchers Working With Subjects Who Are Visually Impaired.** Staff training at Smith-Kettlewell Eye Research Institute; San Francisco, CA.
- 2012 **Diversity in Special Education: English Language Learners Who Are Visually Impaired.** Guest lecture for “Development, Diversity, and English Language Learners” (SPED 801); San Francisco State University, San Francisco, CA.
- 2009 **The Impact of Visual Impairments on Development in Early Childhood.** Citywide staff training for early intervention providers; New York City Early Intervention Office of Development, New York, NY.
- 2008 **Introduction to Assistive Technology – Low and Hi Tech.** Guest lecture for “Strategies and Curriculum Adaptations for Learners with Severe and Multiple Disabilities” (SPED 706); Hunter College, New York, NY.

PUBLICATIONS

- *Peer-reviewed
- *Siu, Y. (In press). Foundations and Recommendations for Research in Access Technology for Individuals with Visual Impairments. In J. Ravenscroft (Ed.), *Handbook of Visual Impairment: Social and Cultural Research*. United Kingdom: Routledge
- *Presley, I., Siu, Y. (In press). *Assistive Technology for Individuals with Visual Impairments*. Louisville, KY: American Printing House for the Blind (APH)
- *Abrahamson, D., Flood, V., Miele, J. A., Siu, Y. (2018). Enactivism and ethnomethodological conversation

analysis as tools for expanding Universal Design for Learning: The case of visually impaired mathematics students. *ZDM*, 1-13.

- *Siu, Y., Emerson, R. W. (2017). Redefining Roles of Vision Professionals in Education and Rehabilitation. *Journal of Visual Impairment and Blindness*, 111(6)
- *Morash, V. S., Siu, Y.T. (2016). Social predictors of assistive technology proficiency among Teachers of Students with Visual Impairments. *ACM Transactions on Accessible Computing (TACCESS)*, 9(4)
- *Siu, Y. (2016). Designing for all learners. *Educational Designer*. 3(9)
- * Morash, V. S., Siu, Y. T., Miele, J. A., Hasty, L., & Landau, S. (2015). Guiding novice web workers in making image descriptions using templates. *ACM Transactions on Accessible Computing (TACCESS)*, 7(4), 12.
- *D'Andrea, F. M., Siu, Y. (2015). Students with visual impairments: Considerations and effective practices for technology use. In D. Edyburn (Ed.), *Advances in Special Education Technology, Vol. 1, Efficacy of Assistive Technology Interventions* (pp. 111-138). United Kingdom: Emerald.
- Siu, Y. (2016). When your car is your office. *CTEBVI Journal, Winter Issue*
- Siu, Y. (2015). Back to school: Prep for Now, Plan for Later. *CTEBVI Journal, Fall Issue*
- Siu, Y. (2015). Accessibility in today's classroom, and other digital environments. *CTEBVI Journal, Summer Issue*
- Siu, Y. (2014). 3D printing for accessible materials in schools. Retrieved from <http://diagramcenter.org/webinars.html#3D>
- *Siu, Y., Morash, V. (2014). Teachers of students with visual impairments and their use of assistive technology: Measuring teachers' proficiency and their identification with a Community of Practice. *Journal of Visual Impairment and Blindness*, 108, 384-398
- Siu, Y. (2014). Empowering our students from day one. *CTEBVI Journal*, 56(2), 35-36.
- Siu, Y. (2014). What can social media do for me, and how the heck is Twitter relevant?! *CTEBVI Journal*, 55(3), 30-32.
- Siu, Y. (2013). How to create and maintain a professional online presence. *DVI Quarterly*. 58(3), 47-51.
- Siu, Y. (2013). Screen sharing in the classroom: Tools that enable desktop viewing of distance materials. *DVI Quarterly*. 57(4), 20-23.
- Siu, Y. (2013). Implementing technology in the classroom: How to write technology goals in the IEP. *CTEBVI Journal*. 55(2), 31-32.
- Siu, Y. (2013). How to access classroom handouts and powerpoints on an iPad or laptop. *CTEBVI Journal*. 55(1), 35-36.
- Siu, Y. (2013). How to Dropbox NIMAC textbooks. *CTEBVI Journal*. 55(1), 37-38.
- Siu, Y. (2013). This mattered to me. *Journal of Visual Impairment & Blindness*. 107(3), 106-108.

CONFERENCE PRESENTATIONS

*Invited

- *Siu, Y. (2018). Keynote: *Embracing a Renaissance*. International Conference for the Association of Education and Rehabilitation for the Blind and Visually Impaired (AER). Reno, NV
- *Siu, Y. (2018). *IEP vs. 504 Plans: What's the Difference?* California Transcribers and Educators for the Blind and Visually Impaired (CTEBVI). Los Angeles, CA
- Miele, J.A., Siu, Y. (2018). *YouDescribe: A Free Tool for Audio Description*. International Technology and Persons with Disabilities Conference (CSUN). San Diego, CA
- Rose, C., Siu, Y. (2018). *Math Accessibility and the Problem of Linearity for Students with Visual Impairments*. CSUN. San Diego, CA
- *Pearson, P.D., Siu, Y. (2018). Keynote panel: *Research and Accessibility in the Core Curriculum State Standards*. Graduate School of Education, University of California at Berkeley.
- Siu, Y. (2017). *Introduction to Online Course Accessibility in Higher Education*. Accessing Higher Ground. Westminster, CO

- *Siu, Y. (2017). Keynote: *Assistive Technology and Expanded Core Curriculum Adventures*. Workshop series: *Multimedia Accessibility for Students with Visual Impairments*. Northern Rockies AER conference.
- Siu, Y. (2017). *Technology for Students with Multiple Disabilities*. CTEBVI. Burlingame, CA
- Perez, L., Siu, Y. (2017). *Supporting Online Communities of Practice in AT*. CSUN. San Diego, CA
- Epstein, B. J., Siu, Y., Kuns, J., Positello, T., Kehret, G. (2017). *The Language of Lines: How to Design and Use Tactile Graphics*. CSUN. San Diego, CA
- *Siu, Y. (2016). *Advances in Technology for Multimedia Accessibility in the Modern Classroom*. Simposio International, Constructing an education in inclusive science, Monterrey, Mexico
- Siu, Y. (2016). Two presentations: *The Virtual Water Cooler: Media for Teachers' Informal Learning for Technology Proficiency*; *The What, Why, and How of Document Accessibility*. AER. Jacksonville, FL
- Siu, Y. (2016). Two presentations: *Technology for Increasing Braille Literacy (with Mason, A.)*; *From R&D to Adoption: Strategies for Updating Professionals' Tech Toolkits (with Morash, V.)*. CSUN. San Diego, CA
- Siu, Y. (2016). *How to Leverage Social Media & Maintain a Community of Practice*. CTEBVI. Los Angeles, CA
- *Siu, Y. (2016). *Relating Communities of Practice (CoPs) and TVIs' Technology Proficiency: Research Findings And Recommendations For Practice*. American Foundation for the Blind Leadership Conference. Washington, D.C.
- Siu, Y. (2015). *Working towards TVIs' technology literacy: Developing and sustaining AT proficiency*. Getting in Touch with Literacy, Albuquerque, NM
- *Siu, Y. (2015). Three presentations: *Tools & Strategies for Creating a Digital Workflow; Multimedia Accessibility: Text, Images, & Video*; and *How to Find a Community to Support Your Practice*. AER, Arkansas state conference. Little Rock, AR
- Bui, A., Siu, Y., Cheverie, M., Schindler, L., Hasty, L. (2015). *3D printing in the accessible STEM classroom: Research and case studies*. CSUN. San Diego, CA
- Morash, V., Siu, Y., Miele, J., Hasty, L., Landau, S. (2015). *How inexperienced webworkers can author quality image description*. CSUN. San Diego, CA
- Siu, Y. (2015). *iPads as Multi-Device Assistive Technology: Implementataion, IEP, and ECC*. CTEBVI. Burlingame, CA
- Siu, Y. (2014). Three presentations: **Use of cloud computing for independent access to instructional materials; Communities of practice and literacy: A dynamic example from the field (with Cushman, C., Miller, C.)*; *Tools for multimedia accessibility in the classroom and home (with Siller, M.)*; AER. San Antonio, TX
- Siu, Y. (2014). *Technology goals in the IEP: How to write for meaningful implementation and instruction*. Council for Exceptional Children (CEC). Philadelphia, PA
- *McGinnis, R., Siu, Y. (2014). *Inclusive learning through technology in art museums and classrooms*. National Art Education Association (NAEA). San Diego, CA
- Siu, Y. (2014). *Teachers of students with visual impairments and their use of assistive technology: Measuring teachers' proficiency and their identification with a Community of Practice*. CSUN. San Diego, CA
- Miele, J., Landau, S., Siu, Y., Hasty, L., Morash, V. (2014). *A template-guided system for improving quality of textbook descriptions*. CSUN. San Diego, CA
- Siu, Y. (2013). *In defense of Braille in the digital age*. Getting in Touch with Literacy. Providence, RI
- *Siu, Y. (2013). *Video description in the classroom: An educators' panel*. Description Leadership Network (DLN), Video Description Research and Development Center (VDRDC). San Francisco, CA
- Siu, Y. (2013). *Use of a laptop or iPad to access classroom handouts and powerpoints*. California Transcribers and Educators for the Blind and Visually Impaired (CTEBVI). Burlingame, CA
- Siu, Y. (2013). *Supporting TVIs' use of assistive technology through a Community of Practice*. CSUN. San Diego, CA

*Siu, Y. (2013). Alternative and augmentative communication strategies for children with visual impairments and multiple disabilities. Lowenfeld-Akeson Symposium. Fremont, CA

SERVICE & OUTREACH

2016-present	Co-leader of a statewide committee to update the California Teaching Standards for Visual Impairments; California Teaching Commission
2016-present	Board member; San Francisco Lighthouse for the Blind
2016-present	Advisory committee member; Braille Institute of America
2016-present	Advisory committee member; Blind Babies Foundation
2014-present	Member at large (present); Board member (2014-2018); Northern California chapter of the Association for Education and Rehabilitation of the Blind and Visually Impaired (AER)
2013-present	Board member (present), K-12 education specialist (2013-2017); California Transcribers and Educators for the Blind and Visually Impaired (CTEBVI)
2016-present	Advisory committee member; California Deafblind Services (CDBS)
2016-present	Instructional technology initiative committee member; Graduate College of Education, SFSU
2015-2016	Advisory committee member; Institute of Museum and Library Sciences (IMLS) 3D printing grant
2015-2016	Advisory committee member; Technology Training Awareness Program (TTAP), American Foundation for the Blind (AFB)
2015	Advisory committee member; Perkins eLearning Paths to Technology
2014-2015	Board member; Science, Technology and Engineering Accessibility for Disabled Youth (S.T.E.A.D.Y.) Academy, WizKidz Science and Technology Centers, Inc.
2013-2015	Accessibility liaison; Association for Education and Rehabilitation of the Blind and Visually Impaired (AER)
2014	O&M intern; Helen Keller National Center (HKNC) for Deaf-Blind Youths and Adults, Sands Point, NY
2012-2014	Advisory committee and Outreach Working Group member; Benetech, Palo Alto, CA
2007-2009	Board member; Adaptive Design Association, New York, NY
2004-2006	Volunteer; Adaptation Station, Tucson, AZ
2005	Intern; Arizona State School for the Blind, Project Freedom, Tucson, AZ

GRANT FUNDED PROJECTS

2018-2019	<i>Cultivating Online Professional Practices in Preservice Educators</i> , (\$9,996); SF State Development of Research and Creativity
2018-2021	<i>tScratch: Tangible Programming Environment Targeted for Students who are Visually Impaired</i> , \$75,000; National Science Foundation (NSF)
2017-2018	<i>Training the Next Generation of Audio Describers</i> , \$10,000; Disability Communication Fund
2016-2017	<i>Improving Access to Described Video for the Blind Through Technology and Community</i> , \$16,000; DCF

PROFESSIONAL AFFILIATIONS

- International Society of the Learning Sciences (ISLS)
- Council for Exceptional Children (CEC), Division of Visual Impairment and Deafblindness
- Association for Education and Rehabilitation of the Blind and Visually Impaired (AERBVI)
- California Transcribers and Educators for the Blind and Visually Impaired (CTEBVI)

HONORS & AWARDS

2018	Keynote Speaker for the biannual international conference <i>Association for the Education and Rehabilitation of the Blind and Visually Impaired (AERBVI)</i>
2016	Center for Innovative Research in CyberLearning (CIRCL) “Buddy” participant
2015	TEACH California Distinguished Teacher Award
2014	American Printing House for the Blind Scholar Award recipient
2011	National Leadership Consortium for Sensory Disabilities (NLCSD) Fellowship recipient
2006	Presidential Volunteer Service Award

AD HOC REVIEWER FOR THE FOLLOWING JOURNALS

- British Journal of Visual Impairment
- Journal of Visual Impairment and Blindness
- Research in Developmental Disabilities