

LISA HOPE SCHWARTZ, PhD

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PROFILE

20 years of experience with diverse communities as an educator, social science researcher and designer of digital learning resources and programs. Committed to equitable learning and life opportunities for youth and families from nondominant communities (low-income, immigrant, people of color, women).

EDUCATION

- 2011 Ph.D. Teaching, Learning & Sociocultural Studies
Major: Language, Reading and Culture (LRC) Minor: Anthropology
University of Arizona College of Education
Dissertation: "Forming a Collaborative Model for Appropriating Youth Practices and Digital Tools for New Literacies Development with Latino High School Students and Teachers". Marshall Dissertation Fellowship (10k)
Committee: Luis C. Moll (Chair), Norma Gonzalez, and Kathy G. Short
- 2003 M.A. Latin American Studies, University of Arizona Center for Latin American Studies
Thesis: "The Green Scientists Project: Inquiry into a School Garden and Habitat." Committee: Luis C. Moll (Chair), Raul Saba, and Julio Cammarota
- 2002 M.A. Education and Elementary Teaching Credential, Teach for Tucson K-8 STEM Teacher Preparation Program, University of Arizona
- 1994 B.A. Political Science, University of Wisconsin, Madison
Spanish Language Study Abroad Program, Centro Bilingue, Cuernavaca, Mexico

HONORS, FELLOWSHIPS & AWARDS

Marshall Dissertation Fellowship, 2011 (\$10,000)
Digital Media and Learning Research Hub Summer Institute Research Fellow, 2011
Honorable Mention, Ford Diversity Dissertation Fellowship, 2011
UA Graduate College Scholarships, (4) 2008-2010
Tinker Research Grant Award (Research on School Gardens in Cuba), 2000
Latin American Studies Fellowship, 1999

RESEARCH APPOINTMENTS & EXPERIENCE

- 2015 – current Postdoctoral Scholar, University of Colorado at Boulder, School of Education
High School STEM Opportunity Structures (PI Dr. Margaret Eisenhart)
- 2011–2014 Postdoctoral Scholar and Research Director, MacArthur Connected Learning Research Network, School of Education, University of Colorado at Boulder (PI Dr. Kris Gutiérrez)

- 2011 Research Fellow, Digital Media and Learning Research Hub Summer Institute, “Designing Learning Futures“, University of California, Irvine (PI Dr. Mimi Ito)
- 2010-2011 Research Associate and Arizona Project Coordinator, Wired Up Project, Utrecht University, The Netherlands (PIs: Dr. Mariette de Haan and Dr. Kevin Leander)
- 2009-2010 Graduate Research Associate Outreach & Extension, UA for You Portal, University of Arizona Tucson, AZ (PIs Dr. Barbara Hutchinson and Dr. Sara Chavarria)
- 2007-2009 Graduate Research Associate, Technology Integration & Science Outreach Coordinator, University of Arizona College of Science / Tucson GEAR UP Project (COS/GU) Tucson, AZ (PI Dr. Katrina Mangin)
- 2007-2008 Graduate Research Associate, University of Arizona Libraries, Sonoran Desert Knowledge Exchange (SDKE) Digital Network Initiative
- 2006-2007 Graduate Research Associate, Curriculum and Podcast Developer, Tree of Life Web Project, Department of Entomology, University of Arizona (PI Dr. David Maddison)
- 2004-2006 Research Faculty, Web-based Learning Materials Editor, Curriculum and Interface Designer, and Outreach Coordinator, Tree of Life Web Project (tolweb.org), Department of Entomology, University of Arizona (PI Dr. David Maddison)

SUPERVISING AND CONSULTING EXPERIENCE

- 2011-2015 Coordinator of Graduate Research, Undergraduate Research Opportunities (UROP) and Undergraduate student teams (up to 15 students), University of Colorado at Boulder
- 2008-2011 Coordinator of STEM of graduate student “Science Connectors” recruited and trained to visit AZ k12 schools. Pro-bono consulting on digital storytelling and new media platforms for Sunnyside Unified School District Community Stories Group, Tucson, AZ
- 2004-2007 Supervisor of Graduate Research Assistants and Interns, Tree of Life Web Project, Department of Entomology, University of Arizona

TEACHING

- 2014 - current Instructor, *Inventos* Boulder Video Documentary Club serving Latino children and families. Supported by CU Boulder Outreach Funding and Undergraduate Research Program. Partnership with Youth Services Initiative (YSI), Boulder Housing Partners
- 2014 Instructor, Educational Psychology for Adolescent Development: Lead developer of a special course and practicum site supported by Women Investing in the School of Education (WISE) funding: Connecting Youth from Nondominant Communities to STEM “Making and Tinkering” in the Social Design Experiment of El Pueblo Mágico, School of Education, University of Colorado at Boulder
- 2013 Instructor, Educational Psychology for Elementary Schools School of Education, University of Colorado at Boulder

- 2013 Instructor, Educational Psychology for Adolescent Development: Lead developer of a special course supported by Women Investing in the School of Education (WISE) funding: Enacting a syncretic approach to STEM teaching and learning School of Education, University of Colorado at Boulder
- 2011 Instructional Team, Educational Psychology for Elementary Schools, School of Education, University of Colorado at Boulder
- 2009 Graduate Student Instructor, Language Reading & Culture (LRC) Graduate Student Foundations Seminar, University of Arizona
- 2009-2010 Researcher and Invited Co-instructor, “Mesquite” 101 Writing Course at “Southside” High School (pseudonyms), Sunnyside Unified School District, Tucson, AZ
- 2008-2009 Instructor, Digital Storytelling for middle and high school teachers and middle school students. University of Arizona College of Science / Tucson GEAR UP Project (COS/GU) and Sunnyside Unified School District, Tucson, AZ
- 2002-2003 Teacher, 5th Grade (Self-contained classroom all core subjects and Science for three, fifth grade classrooms), Booth-Fickett Math Science Magnet School, Tucson Unified School District, Tucson, AZ
- 2001-2002 Student Teacher, grades 4/5 combination classroom, and Structured English Immersion (SEI) classroom, Duffy Elementary School, Tucson Unified School District, Tucson, AZ (collaborating teacher Dr. Gloria Kauffman)
- 2000-2001 Researcher-Teacher, Co-instructor in conjunction with MA research, ESL 3rd grade, “Southside” Tucson Elementary School, Tucson Unified School District, Tucson, AZ
- 2000 Garden and Habitat STEM and Literacy Teacher Grades 2-5, The Community Learning Project, Ft. Lowell Elementary School, Tucson Unified School District, Tucson, AZ
- 1997-98 Teacher, Grades 9-12, Multimedia Studies, Science and Technology Department, Thurgood Marshall Academic High School STEM High School, San Francisco Unified School District, Bayview-Hunter’s Point, San Francisco, CA

PUBLICATIONS

Refereed Journal Articles

- Schwartz, L. (2015). A Funds of Knowledge Approach to the Appropriation of New Media in a High School Writing Classroom. Special issue of *Interactive Learning Environments on Learner Generated Designs in Participatory Culture*.
- Schwartz, L., DiGiacomo, D., & Gutiérrez, K. (2015). Designing “Contexts for Tinkerability” with Undergraduates and Children within the El Pueblo Mágico Social Design Experiment. *International Journal of Research on Extended Education IJREE*. (3)1, pp. 94–113.
- Schwartz, L. (2014). Challenging the “Tyranny of the 5-Paragraph Essay”: Teachers and Latino Students As Semiotic Boundary Workers in Digital Space. *Literacy* 48(3), 124-135.

Refereed Book Chapters

- Schwartz, L. & Gutierrez, K. (2015). Literacy Studies and Situated Methods: Exploring the social organization of household activity and family media use. In Rowsell, J. & Pahl K. (Eds.), *The Routledge Handbook of Literacy Studies*. Routledge.
- Schwartz, L. H., Nogueroń-Liu, S. & Gonzalez, N. (2014) The Compression of Time and Space in Transnational Social Fields: Mobilizing the Affordances of Digital Media with Latina Students. In Compton-Lilly, C. & Halverson, E. (Eds.), *Time and Space in Literacy Research*. Routledge.
- Moll, L.C., Soto-Santiago, S., & Schwartz, L. H. (2013). Funds of Knowledge in Changing Communities. In Hall, K., Cremin, T., Comber, B., & Moll, L. C. (Eds.), *Wiley Blackwell International Handbook of Research on Children's Literacy, Learning and Culture*. London: Blackwell.

Refereed Conference Proceedings

- Schwartz, L., & DiGiacomo, D. & Gutiérrez, K. (June, 2014). Diving Into Practice with Children and Undergraduates: A Cultural Historical Approach to Instantiating Making and Tinkering Activity in a Designed Learning Ecology. Paper presentation at the International Conference of the Learning Sciences, ICLS, Boulder, CO.

Manuscripts In Preparation / Under Review:

- Schwartz, L. (Under Review/Revision). Navigating Semiotic Processes of Voice in the Arizona Borderlands: Fractal Recursivity in Classrooms and Digital Domains. Special issue of *Learning Media and Technology*
- Schwartz, L., DiGiacomo, D., & Gutiérrez, K. (in preparation). Health, Well Being and Family Time: How family routines and beliefs intersect and shape children's trajectories with digital media.
- Schwartz, L. & Gutiérrez, K. (in preparation). Turn-Taking and Inventos: Examining The Everyday Game Play of Latino Children and Families.
- Schwartz, L., de Haan, M. & Hirzalla, F & Leander, K. (in preparation) Conceptualizing Transnational Social Media Fields: Im/migrant Youths' Digital Media Repertoires in the United States and the Netherlands. In preparation for edited volume *Webs and Flows: Immigrant Youth in Digital Diasporas* and versions for journal publication.

REFEREED CONFERENCE PAPERS

- Schwartz, L. & DiGiacomo, D. & Gutiérrez, K. (June, 2015; April, 2015). *Attending to Latino Parents' Discourses of Health, Family Time and Digital Media Use*. Paper presented at the Digital Media and Learning (DML) Conference, Los Angeles, CA and the American Educational Research Association Annual Meeting (AERA), Chicago, IL.

REFEREED CONFERENCE PAPERS CONTINUED

- Schwartz, L. (April, 2015). *Public / Private Divides and the Appropriation of New Media in Classrooms and Digital Domains*. Paper presented at the American Educational Research Association Annual Meeting (AERA), Chicago, IL.
- Schwartz, L., & DiGiacomo, D., & Gutiérrez, K. (2014, March). *Expanding the Potential for Connected Learning Through Attending to Latino Parents' Discourses of Health and Family Time*. Paper presented at the Digital Media and Learning (DML) Conference, Boston, MA.
- Schwartz, L., & Acholonu, U. (2014, March). *Making waves: Including Students from Nondominant Communities in the Maker Movement*. Paper presented at the Digital Media and Learning (DML) Conference, Boston, MA.
- Schwartz, L. & Gutiérrez, K. (2014, April). *Documenting and Expanding Latino Children's New Media Repertoires at Home and at El Pueblo Mágico*. Paper presented at the American Educational Research Association (AERA) Annual Meeting, Philadelphia, PA.
- Schwartz, L. (2013, November). *Reconfiguring Semiotic Processes of Belonging in an Urban Arizona High School: Fractal Recursivity in Classrooms and Digital Domains*. Paper presented at the American Anthropological Association (AAA) Annual Meeting, Chicago, IL.
- Schwartz, L. & Gutiérrez, K. (2013, December). *Connected Learning and Syncretic Pedagogies: Leveraging Everyday Knowledge and Practices to Address Complex Social and Scientific Problems*. Paper presented at the Literacy Research Association (LRA) Meeting, Dallas, TX.
- Schwartz, L. (2013, April). *The Social Affordances of the Digital*. Paper presented at the American Educational Research Association (AERA) Meeting, San Francisco CA.
- Schwartz, L. & Gutiérrez K. (2013, March). *Turn-Taking and Inventos: Examining The Everyday Lives of Latino Families and Designing Learning Ecologies with Youth and Undergraduates*. Paper presented at the Digital Media and Learning (DML) Conference, Chicago, IL.
- Schwartz, L. & Gutiérrez, K. (2012, November). *“Mom Texts Like a Teenager, Dad Texts like an Old Man” : Exploring how the social organization of the household shapes family media use and children's interests, literacies and repertoires of practice*. Paper presented at the Literacy Research Association Meeting (LRA), San Diego, CA.
- Schwartz, L. & Gutiérrez, K. (2012, November). *“Until She Gets a High Score” : An Analysis of Turn-Taking in Digital Game Play*. Paper presented at the Literacy Research Association (LRA) Meeting, San Diego, CA.
- Schwartz, L. (2012, April). *Negotiating Collaboration: Engaging and Extending Youth and Digital Practices*. Paper presented in a panel I co-organized with Myrrh Domingo, University College London, “Humanizing Literacy Research: Mapping Exchanges in Adolescent Reading and Writing Spaces”. American Educational Research Association Meeting, Vancouver, Canada.

- Schwartz, L. (2012, April). Expanding Normative School Genres: Latino Students As Semiotic Boundary Workers in Digital Space. Paper presented in a panel I co-organized with Silvia Nogueron-Liu, University of Colorado, “Latino/a Students Using New Digital Technologies to Develop Hybrid Literacies and Craft Agentive Selves”. American Education Research Association Annual Conference (AERA), Vancouver, Canada.
- Schwartz, L. (2012, November). *Mapping Digitally Mediated Socio-spatial Learning Trajectories: Expanding Literacy Practices with High School Teachers and Students*. Paper presented in a panel I co-organized with Myrrh Domino, University College London, “Multi-discursive literacy practices: Analyzing youth multimodal textual production across social and digital contexts” at the Literacy Research Association Annual Meeting, Jacksonville, FL.
- Schwartz, L. (2011, September). *Collaborating Across Contexts for Expansive Literacy Development: Forming a Model for Appropriating Youth and Digital Practices with Latino Students*. Paper presented at the International Society for Cultural and Activity Research, Rome, Italy.
- Schwartz, L. (2011, July). *Students as Semiotic Boundary Workers: Appropriating Youth and Digital Practices for New Literacies Development in the Arizona Borderlands*. Paper presented at the Centre for New Literacies Annual Conference, University of Sheffield, Sheffield, UK.
- Schwartz, L. (2011, February). *Engaging Digital Tools with Latino Students: Moving Interests into Academic Inquiry*. Paper presented at the University of Pennsylvania Ethnography in Education Research Forum, Philadelphia, PA.
- Gonzalez, N., Schwartz, L. & Nogueroń, S. (2011, February). *The Compression of Time and Space in Transnational Fields: Affordances of Digital and Multimodal Meaning Making*. Co-presented keynote at the National Council of Teachers of English Assembly for Research, Madison, WI.
- Schwartz, L. (2011, April). *Collaborating Across Contexts: Forming a Model for Appropriating Youth and Digital Practices with Latino Students*. Paper presented in a panel I co-organized with Silvia Nogueroń on Latinos and New Digital Technologies at the American Educational Research Association (AERA) Annual Meeting, New Orleans, LA.
- Schwartz, L. (2010, November). *Incorporating diversity in digital technology practices: Latino high school students collaboratively re-imagining literacy learning through the use of new digital spaces and tools*. Paper presented in a panel I co-organized with Silvia Nogueroń on Latinos and New Digital Technologies at the American Anthropological Association (AAA) Annual Meeting, New Orleans, LA.
- Schwartz, L. (2009, December). *Digital publics and new discourses for borderlands high schools: Teachers collaboratively incorporating networked technologies with Latino students*. Paper presented at the American Anthropological Association (AAA) Meeting, Philadelphia, PA.
- Schwartz, L. (2000, October). *The Greening of the Curriculum: are the Methods and Goals of Cuba’s Organic Agriculture Movement Taught in the Schools? An examination based on research on school gardens in La Habana, Cuba*. Paper presented at the Tinker Grant Research Presentation Meeting, Latin American Studies, University of Arizona, Tucson, AZ.

EDUCATOR WORKSHOPS & PRESENTATIONS

- Schwartz, L. (January & March 2007). *Podcasting Biodiversity with the Tree of Life Web Project: Exploring Arizona Life Science Research and Biodiversity* and *Building ToL Treehouses: Connecting Bioscience, Technology and Inquiry Learning*, Arizona Technology in Education Alliance; Arizona Microcomputing in Education Conference.
- Schwartz, L. (2005-06). *Building Teaching and Learning Activities Around Digital Collections*. Presented ToL resources and tools at six conferences including: National Science Digital Library, NSTA, National Association of Biology Teachers, Arizona Technology in Education Alliance (AzTEA), CUE Educational Technology, AZ Library Association.
- Schwartz, L. (2006). *Innovations in Digital Collections; Biodiversity through Multimedia*. Poster presented at National Science Digital Library Meeting, Washington DC.
- Schwartz, L. (2006). *Learning with a Sonoran Desert Digital Library*. UA Libraries Workshop.
- Schwartz, L. (2007). *Digital Storytelling, Community Stories Project*, SUSU, (with Darcy Alexandra).
- Schwartz, L. (2007-2008). *Sonoran Desert Knowledge Exchange, Biodiversity Curriculum Workshop*.
- Schwartz, L. (2004-2005) *Building ToL Treehouses: Connecting Bioscience, Technology and Inquiry Learning*. Workshops for TUSD Middle and High School Teachers, Tucson, AZ

GRANTS

- 2014 Undergraduate Research Opportunity Team Grant: Collaboratively Examining and Expanding the New Media Repertoires of Families from Nondominant Communities with the *Inventos* Boulder Project (\$3k)
- 2014 CU-Boulder Outreach Grant: Supporting and Studying Internet Access for Low-income Families (\$4k)
- 2014 CU-Boulder Outreach Grant: Collaboratively Designing and Studying Innovative STEM Learning Ecologies (initiated the partnership and coordinated proposal writing among PIs Kris Gutierrez and Eve Manz) (\$24k)
- 2014 Undergraduate Research Opportunity Team Grant: Connecting Youth from Nondominant Communities to STEM ‘Making and Tinkering’ in the Social Design Experiment of *El Pueblo Magico* (\$3k)
- 2013 Women Investing in the School of Education (WISE), Connecting Youth from Nondominant Communities to STEM “Making and Tinkering” in the Social Design Experiment of *El Pueblo Mágico* (with Kris Gutiérrez) (\$8k)
- 2013 Undergraduate Research Opportunity Grant, (UROP) Enacting a Syncretic Approach: Leveraging Children from Nondominant Communities’ Ingenuity, Creativity and Imagination for STEM Learning (\$3k)

- 2013 Undergraduate Research Opportunity Grant (UROP), Syncretic Approach to New Literacies Development (\$3k)
- 2012 Undergraduate Research Opportunity Grant (UROP), Enacting a Syncretic Approach to STEM Teaching and Learning (with Kris Gutiérrez) (\$3k)
- 2012 Information Communications Journalism Media and Technology Innovation Grant (ICJMT), Utilizing ICT and New Media for Taking a Syncretic Approach to Complex Social and Scientific Problems (with Gutiérrez, Noah Finkelstein and Enrique Lopez) (\$3k)
- 2012 Women Investing in the School of Education (WISE), Enacting a Syncretic Approach to STEM Teaching and Learning, (with Kris Gutiérrez) (\$8k)
- 2006 New Strategies for Life Sciences Outreach in Arizona: Developing a Digital Library of Audio and Video Features in the Context of the Tree of Life Web Project. “Anyplace Access for Arizonans’ Initiative”. University of Arizona Technology and Research Initiative Fund (with Katja Shultz) (\$54k)

SERVICE

Journals and Conferences

- 2014-current Co-investigator for proposed seminar series on Childhood, New Media and Participatory Culture (with Professors of Literacy, Cathy Burnett and Guy Merchant, Sheffield Institute of Education, Sheffield Hallam University);
Online Participant/Speaker: Sheffield Institute of Education New Literacies Event
- Current Reviewer: *Journal of Literacy Research; Literacy; Learning, Media and Technology; Interactive Learning Environments; International Journal of Extended Education*

University of Colorado

- 2014-current Developed partnership with Boulder Housing Partners and Youth Services Initiative to support new media learning for children and families, a public Wi-Fi initiative, and family health
- 2013-2014 Developed partnerships with Casey Middle School and STEM and Education graduate and undergraduate students. Partnerships contributed to the development of STEAM focused Making and Tinkering programs utilized as practicum sites for Education 4112, Educational Psychology for Adolescent Development
- 2013 Invited Presentation Colorado Learning and Technology Conference (COLT)

Tucson, AZ Community and Schools

- 2009-2011 Sunnyside Unified School District (SUSD), Tucson, AZ. Consulted with district personnel and Community Stories Group teachers (grades 6-12) on film production, web platforms, and pedagogical approaches for digital story creation and dissemination.
- 2009-2010 Co-facilitator with the Tucson Unified School District (TUSD) High School Science Coordinator a science notebook inquiry and research group (with 6 science teachers)

- 2004-2010 SUSD and TUSD middle and high schools: developed partnerships among scientists, NGOs, graduate students and Science teachers
- 2000-2001 TUSD Elementary School: Developed Partnerships with teachers and Americorps Volunteers, the Tucson Botanical Gardens and GLOBE projects

University of Arizona

- 2008-2009 Research Team Member, Border Ecologies Research Group University of Arizona. Data collection in a Reggio Emilia style bilingual preschool class and families' homes. (PIs Norma Gonzalez, Iliana Reyes, and Cecilia Rios Aguilar)
- 2007-2008 Wiki Developer, National Latino Education Research & Policy Project (Luis Moll)

Rural Ecuadorian Communities

- 1997 Teacher and Community Organizer on Composting methods and Environmental Education, Rural Pinchincha, Corporación Oikos, Conservation NGO, Quito, Ecuador

San Francisco, CA Community

- 1995-96 Volunteer Art Teacher and Tutor, Benita House Group Home for Adolescent girls labeled "Severely Emotionally Disturbed (SED)", San Francisco, CA
- 1994-1996 Volunteer Intern, Institute for Global Communications, IGC. Latin American Division News List, Web Design and Data Archiving, San Francisco, CA

Madison, WI Community

- 1994 Education Reporter, WORT Madison Public Radio

PROFESSIONAL ORGANIZATIONS

American Anthropological Association, AAA; Council on Anthropology and Education, CAE
 American Educational Research Association, AERA
 Division G, Social Context of Education; Division C, Learning and Instruction
 SIGS: Media Culture and Learning; Writing and Literacies; Cultural Historical Research
 International Society for Cultural and Activity Research, ISCAR
 Literacy Research Association, LRA

DIGITAL TECHNOLOGY SKILLS

- Interface and Web Site Design and Management (HTML, CSS, XML, Unix, Javascript, CMS)
- Drupal Development
- Social Media Technologies (e.g. Blogs, Podcasts, Social Network Sites); Listservs, RSS
- Online course tools: D2L, blackboard
- Data sharing tools: google docs, dropbox, box
- Mobile tools
- Video, Image and Audio production/editing (FinalCut, iMovie, PhotoShop, MovieMaker)
- Database Applications
- Ethnographic Software (Nvivo, Dedoose, Tams Analyzer, DevonThink)
- Statistical Packages (SPSS)
- Survey platforms: Qualtrix, Survey Monkey
- Presentation tools: Prezi, Camtasia

LANGUAGES

- Spanish (high degree of proficiency in speaking and oral and written comprehension)