

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

University of Arizona, Tucson, Arizona

2011 Ph.D. Teaching, Learning & Sociocultural Studies, College of Education

Major: Language, Reading and Culture (LRC) Minor: Anthropology

Marshall Dissertation Fellowship for work impacting Arizona residents, 2011

2003 M.A. Latin American Studies, Center for Latin American Studies

2002 M.A. Education and Elementary Teaching Credential, Teach for Tucson K-8 STEM Teacher Preparation Program

University of Wisconsin, Madison, Wisconsin

1994 B.A. Political Science

Spanish Language Study Abroad Program, Centro Bilingue, Cuernavaca, Mexico

RELEVANT EXPERIENCE

High School STEM Opportunity Structures, School of Education, University of Colorado at Boulder, PI Dr. Margaret Eisenhart. Postdoctoral Researcher, February 2015 – current

- Data analysis of 4 years of interview data with students, parents, teachers and school personnel.
- Writing and presentations focused on the social construction of interests and STEM trajectories

MacArthur Connected Learning Research Network (CLRN), School of Education, University of Colorado at Boulder, PI Dr. Kris Gutierrez. Postdoctoral Researcher, September 2014 – current

- Writing and data analysis derived from three years of CLRN project field research.
- Primary Investigator and program developer for grant-funded *Inventos* Boulder, a design-based research project and video documentary club created in partnership with two local nonprofit organizations. Children use mobile tools to create documentaries on their communities' digital and health practices.

Research Director and Postdoctoral Researcher 2011 – 2014

- Conducted qualitative and ethnographic research (interviews, video-recorded participant observation, surveys) in homes and after school settings with Latino youth in grades 2–5 and their families. Researched families' "everyday" digital, health and energy practices.
- Led research team in video documentation, field research, data reduction and data analysis.
- Developed and led STEM "Maker", Minecraft and iRemix programming at after school sites.
- Taught undergraduate courses in child and adolescent development; developed new curriculum.
- Managed graduate / undergraduate research teams; secured funding for and recruited students.
- Wrote research reports, IRBs, presentations, posters, book chapters and journal articles.
- Grant writing (62k from CU entities), budget management and equipment purchasing.

Wired Up Project, Utrecht University, The Netherlands, PIs: Drs. Mariette de Haan, Kevin Leander, and Sandra Ponzanesi. **Research Associate and Arizona Project Coordinator** 2010-2011

- Conducted survey research on Mexican-American high school students' digital practices (n=388). Assisted with survey translation, wrote University of Arizona and school district IRB.

Dissertation, Teaching Learning & Sociocultural Studies, University of Arizona, Tucson AZ
Forming a Collaborative Model for Appropriating Youth Practices and Digital Tools for New Literacies Development with Latino High School Students and Teachers.

Primary Investigator / Teacher – Researcher 2009-2011

- Participant observation, interviews, focus groups and surveys with teachers and predominately Latino students in four high school English classrooms and in digital contexts.
- Co-taught high school writing course to implement new media technologies.
- Curriculum development based off of collaborative research in classrooms and digital spaces.
- Published articles and book chapters; presented widely based on analysis of work.

UA for You Web Portal, Outreach & Extension, University of Arizona, Tucson, AZ

PIs Dr. Barbara Hutchinson, Dr. Sara Chavarria, Mary Bouley

Website Manager & Contributor Trainer / Graduate Research Assistant, 2009-2010

- Drupal Content Management system and interface development for collaborative UA outreach portal that aggregated outreach resources. Coordinator and teacher for faculty training sessions.

University of Arizona College of Science / Tucson GEAR UP Project, Tucson, AZ

PI Dr. Katrina Mangin, Project Coordinator, Mary Bouley

STEM Outreach Coordinator / Graduate Research Assistant, 2007-2009

- Designed and conducted research studies on youth technology practices at 5 middle schools.
- Taught and conducted research on digital storytelling; developed digital learning materials.
- Led teacher and family professional development; Technology consulting for school districts.
- Developed outreach programming “UA Science Connectors” and web-based networks.

Sonoran Desert Knowledge Exchange (SDKE) Digital Network Initiative, University of Arizona Libraries, Tucson, AZ. **Graduate Research Assistant**, 2007-2008

- Co-designed research study *Exploring the Formation and Outreach Potential of the Sonoran Desert Knowledge Exchange Web Portal* to provide formative information to guide the project. Co-conducted 25 interviews with scientists, conservation workers, decision makers.
- Co-created biodiversity curriculum, presented at teacher workshops, and produced videos on biodiversity <http://podcasts.tolweb.org> | youtube.com/linquiry.

Tree of Life Web Project (ToL), Department of Entomology, University of Arizona, Tucson, AZ

<http://tolweb.org> a participatory phylogenetic database of life on Earth, PI Dr. David Maddison

Research Faculty / Associate, Web-based Learning Materials Editor / Coordinator (2004-2007)

- Designed interfaces, web editing tools, content management systems, documentation, curriculum and meta-data for k12 teachers and learners to publish “treehouses” <http://treehouses.tolweb.org> | <http://learning.tolweb.org>
- Co-developed evaluation instruments and conducted evaluation.
- Co-wrote grant (54k) University of Arizona Technology and Research Initiative Fund.
- Recruited and managed research assistants, formed collaborations with scientific organizations.
- Presented at local and national conferences, teacher professional development workshops.

Booth-Fickett Math Science Magnet School, Tucson Unified School District (TUSD), Tucson, AZ
Teacher, 5th Grade (Science for three 5th grade classrooms, and self contained classroom), 2002-2003

Masters Thesis Research, Latin American Studies, University of Arizona, Tucson, AZ.

The Green Scientists Project: Inquiry into a School Garden and Habitat.

Primary Investigator / Teacher – Researcher 2001-2002

- Research and teaching partnership with 3rd grade ESL class and local environmental groups.

The Community Learning Project, Ft. Lowell Elementary School, TUSD, Tucson, AZ

Garden and Habitat Science and Literacy Teacher Grades 2-5, 1999-2000

Thurgood Marshall Academic High School, San Francisco Unified School District

High School Multimedia Studies Teacher, Grades 9-12, 1997-98

Corporación Oikos, Ecuador, **Teacher / Community Organizer**, Environmental Education, 1997

SELECT PUBLICATIONS

Schwartz, L. (2015). A Funds of Knowledge Approach to the Appropriation of Digital Media in a High School Writing Course. *Interactive Learning Environments*

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., DiGiacomo, D., & Gutiérrez, K. (2015). Designing “Contexts for Tinkerability” with Undergraduates and Children within the El Pueblo Mágico Social Design Experiment. *International Journal for 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*.

Schwartz, L. H., Noguérón-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.), *International Handbook of Research on Children’s Literacy, Learning and Culture*. London: Blackwell.

SELECT CONFERENCE PRESENTATIONS

Schwartz, L., & DiGiacomo, D., & Gutiérrez, K. (April, 2015). *Expanding the Potential for Connected Learning: Attending to Latino Parents’ Discourses of Health, Family Time and Digital Media*. Paper presented at the American Educational Research Association Meeting, Chicago, IL.

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 Annual Meeting (AERA), Philadelphia, PA.

Schwartz, L. (2010, November). *Latino high school students collaboratively re-imagining literacy learning through the use of new digital spaces and tools*. Paper presented on a panel I co-organized with Silvia Noguérón-Liu on Latinos and New Digital Technologies. American Anthropological Association (AAA) Annual Meeting, New Orleans, LA.

Schwartz, L. (2004-07). *Building Teaching and Learning Activities Around Digital Collections*. Presented and led workshops on Tree of Life Web Project (tolweb.org) resources for teacher and librarian audiences between 2004-2007 in Arizona and at four national conferences.

SELECT HONORS, FELLOWSHIPS & AWARDS

Marshall Dissertation Fellowship for work impacting Arizona residents, 2011 (\$10,000)

Ford Diversity Dissertation Fellowship, Honorary Mention, 2011

MacArthur Digital Media & Learning Research Hub Summer Institute Research Fellow, University of California, Irvine, 2011

UA Graduate College Fellowship; Ora Bretall & Mary & Maude Miller Scholarships (3), 2008-10

Tinker Research and Travel Award to study school gardens in Cuba, 2001

SELECT PROFESSIONAL ORGANIZATIONS & SERVICE

American Anthropological Association, AAA; Council on Anthropology and Education, CAE

American Educational Research Association, AERA

Literacy Research Association (LRA)

Reviewer: *Journal of Literacy Research; Literacy; Learning, Media and Technology; Interactive Learning Environments; International Journal of Extended Education*

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, reading and writing).