Justin Olmanson

Assistant Professor, College of Education & Human Sciences
University of Nebraska Lincoln
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Research & Teaching Interests

The theorizing, design, integration, and use of technology for: making new forms of expression possible, overcoming barriers to expression, and reducing the alienation associated with acquiring and interacting via academic literacies in school and community settings. The design, prototyping, development, implementation, and study of technologically-mediated environments for more equitable, generative language and literacies experiences, more complex learning ecologies, and stronger communities.

Education

IES Postdoctoral Fellowship in Literacy, Literacies, and Technology, 2011-2014

The University of Illinois Urbana Champaign, Champaign, IL

Projects: Assess-as-You-Go, Scholar, InfoWriter PIs and Mentors: Bill Cope, Sarah McCarthey

PhD Curriculum and Instruction ~ Instructional Technology, 2011

The University of Texas at Austin, Austin, TX

Dissertation: What's Going on at Zapata Elementary? People, Research, and Technology in

Educational Spaces: An Experiment in Experience and Possibility

Dissertation Chair: Min Liu

MEd Technology Innovation in Education, 2004

Harvard Graduate School of Education, Harvard University, Cambridge, MA

Graduate Advisor: Karen Price

MEd Bilingual Education ~ Curriculum and Instruction, 2001

Elementary Education Texas Teaching Licensure University of Houston, Houston, TX

BA Spanish Linguistics & Literature, 1997

Department of Modern Languages: Scandinavian Studies Minor Minnesota State University, Mankato, MN

Professional Employment

Assistant Professor of Instructional Technology, 2014-Present

Department of Teaching, Learning, and Teacher Education College of Education and Human Sciences The University of Nebraska Lincoln, Lincoln, NE

IES Postdoctoral Fellowship in Literacy, Literacies, and Technology, 2011-2014

Assess-as-You-Go, Scholar, and InfoWriter Projects The University of Illinois Urbana Champaign, Champaign, IL

Graduate Research Assistant 2008-2011

Center for Teaching and Learning The University of Texas at Austin, Austin, TX

Senior Program Coordinator 2005-2007

Distance Education / K-16 Education Center The University of Texas at Austin, Austin, TX

K-5 Technology Teacher 2000-2003

Manuel Crespo Elementary Houston Independent School District, Houston, TX

3rd and 4th Grade Bilingual Teacher 1998-2000

Manuel Crespo Elementary Houston Independent School District, Houston, TX

Spanish Language Teaching Assistant 1997-1998

Department of Modern Languages University of Houston, Houston, TX

Community Spanish Teacher 1997

Dakota Meadows MS & East Jr. High District 77, Mankato, MN

Scholarly Works

Work In Review or In Preparation

Olmanson, J., & Liu, X. (in review). The Challenge of Chinese Character Acquisition: Leveraging Multimodality in Overcoming a Centuries-Old Problem. *Emerging Learning Design Journal*, *3*(1).

Greenstein, S., & Olmanson, J. (in review). Reconceptualizing Pedagogical and Curricular Knowledge Development through Making. *Emerging Learning Design Journal*, *3*(1).

Olmanson, J., Kennett, K., Cope, B., Searsmith, D., (in preparation). The Techno-Pedagogical Pivot: The Design and Implementation of a Digital Writing Tool.

Olmanson, J., Falls, Z., (in preparation). Sideways Moves and Knowledge Work: New Ethnographic Writing and Education.

Peer-Reviewed Publications

- Olmanson, J., Guieswende, R., & Falls, Z. (in press). Technologies of Hegemony: Tracking, problematizing, and reterritorializing achievement, success, and excellence. In *African American Children in Early Childhood Education: Making the Case for Policy Investments in Families, Schools, and Communities.* Emerald.
- Liu, X., & Olmanson, J. (in press). A Technology-supported Experience to Facilitate Chinese Character Acquisition. *The Nebraska Educator*, *4*(1).
- Olmanson, J. (2016). What does Motivated Mean? Re-Presenting Learning, Technology, and Motivation in Middle Schools via New Ethnographic Writing. *Middle Grades Review*, 2(2). Retrieved from http://scholarworks.uvm.edu/mgreview/vol2/iss2/3
- Olmanson, J., & Falls, Z. (2016). New Media Literacies. In M. Peters (Ed.), Encyclopedia of Educational Philosophy and Theory. Springer Singapore.
- Olmanson, J., Kennett, K., Magnifico, A., McCarthey, S., Cope, B., Searsmith, D., Kalantzis, M., (2016). Visualizing Revision: Leveraging student-generated between-draft diagramming data in support of academic writing development. Journal of Technology Knowledge and Learning, Volume 21, Issue 1
- Olmanson, J., Abrams, S., (2013). Constellations of support and impediment: Understanding early implementation dynamics in the research and development of an online multimodal writing and peer review environment. Journal of E-Learning and Digital Media, Volume 10, Issue 4
- Magnifico, A.M., Olmanson, J., Cope, W., (2013). New pedagogies of motivation: Reconstructing and repositioning motivational constructs in the design of learning technologies. Journal of E-Learning and Digital Media, Volume 10, Issue 4
- Liu, M., Horton, L., Olmanson, J., & Toprac, P. (2011). A study of learning and motivation in a new media enriched environment for middle school science. Educational Technology Research & Development, Volume 59, Issue 2
- Olmanson, J., (2011). Emerging technologies in distance education -Book Review. Educational Media International, Volume 48, Issue 1
- Liu, M., Horton, L., Olmanson, J., & Wang, P.Y. (2008). An exploration of mashups and their potential educational uses. Computers in the Schools, Volume 25, Issue 3&4, October
- Olmanson, J., (2007). Review of eSpindle Vocabulary & Spelling Program Online. Language Learning & Technology, Volume 11, Issue 3, October

Peer-Reviewed Proceedings at National and International Conferences

- Olmanson, J., Abebe, F., Jones, V., Kyle, E., Lucas, L., Robbins, K., Rouamba, G., Liu, X. (2015). Caught in the Tractor Beam of Larger Influences: The Filtration of Innovation in Education Technology Design. In ICEDT 2015 (Vol. 9 (7), pp. 1838–1842). Oslo, Norway: World Academy of Science, Engineering and Technology.
- Olmanson, J., Katrina S. Kennett, & Cope, B. (2015). The Techno-Pedagogical Pivot: Designing and Implementing a Digital Writing Tool. In ICEDT 2015 (Vol. 9 (7), pp. 1843–1846). Oslo, Norway: World Academy of Science, Engineering and Technology.
- Olmanson, J., Huang, C.-K., Scordino, R., & Lee, J. (2013). Designing FunWritr: Unpacking an affinity-based, professionalizing, graduate-level educational technology design experience. In Design Learning for Tomorrow (Vol. 1, p. 129-142). Proceedings of the 2nd International Conference for Design Education Researchers, Oslo, Norway: Oslo and Akershus University College of Applied Sciences.
- Olmanson, J., Huang, C.K., Sung, W., Chen, Y.H. (2012). Writing to Learn: L2 writing as a gateway to effective implicit vocabulary learning and language acquisition via CALL. In J. Colpaert, A. Aerts, W. C. Wu, & Y. C. Chao (Eds.), The Medium Matters: Proceedings of the 15 International Computer Assisted Language Learning Research Conference (CALL 2012) (Vol. 1, pp. 510-514). Taichung, Taiwan: Providence University: University of Antwerp.
- Huang, C.K., Olmanson, J., Sung, W., Chen, Y.H. (2012). FunWritr: An open-ended language exploration playground based on a sextet of design parameters for CALL. In J. Colpaert, A. Aerts, W. C. Wu, & Y. C. Chao (Eds.), The Medium Matters: Proceedings of the 15 International Computer Assisted Language Learning Research Conference (CALL 2012) (Vol. 1, pp. 277-283). Taichung, Taiwan: Providence University: University of Antwerp.
- Olmanson, J., Kim, Y.S., Sung, W., Huang, C.K., Chen, Y.H. (2010). Technology in the Creative and Participatory Literacy Practices of a Second Grade Classroom. In the 22nd Annual World Conference on Educational Multimedia, Hypermedia, & Telecommunications (Ed-Media 2010). Toronto, Canada: Association for the Advancement of Computing in Education.
- Olmanson, J., Lee, J., Navarrete, C., Wong, A., Farchy, A., Day, P., (2010). FunWritr an Online Language and Literacy Playground. In the 22nd Annual World Conference on Educational Multimedia, Hypermedia, & Telecommunications (Ed-Media 2010). Toronto, Canada: Association for the Advancement of Computing in Education.
- Huang, C.K., Chen, Y.H., Olmanson, J., Sung, W. (2010). On Initiating Maintaining and Growing an Affinity Based Student Led Research and Design Group. In the 22nd Annual World Conference on Educational Multimedia, Hypermedia, & Telecommunications (Ed-Media 2010). Toronto, Canada: Association for the Advancement of Computing in Education.

Olmanson, J., Greenstein, S., Smith, A., Brewer, C. (2007). Designing Distributed Biography: Co-constructing a polyphonic application on borrowed time. In the proceedings of the 25th Annual ACM International Conference on Design of Communication (SigDoc 2007) (Vol. 1, pp. 21-25). El Paso, TX: Association for Computing Machinery.

Peer-Reviewed Conference Presentations

- Olmanson, J. (2016). *How Might Multimodality Help Learners of Chinese Overcome a Centuries-Old Problem*. Presented at the Emerging Learning Design, Montclair, NJ.
- Greenstein, S., & Olmanson, J. (2016). *Designing at the Intersection of Theory, Content, & Pedagogical Experience*. Presented at the Emerging Learning Design, Montclair, NJ.
- Olmanson, J., & Falls, Z. (2016). The Role of New Media in Expanding the Construct of Literacies. American Educational Research Association 2016 Annual Meeting, Washington, DC.
- Olmanson, J., Robbins, K., Lucas, L., Abebe, F., Kyle, E., Rouamba, G., & Jones, V. (2016). Socioeducational Constellations of Influence: A 10-Year Content Analysis of Technology-Supported Writing Implementation and Research. American Educational Research Association 2016 Annual Meeting, Washington, DC
- Olmanson, J., Kennett, K., McCarthey, S., (2015, April). Visualizing Revision: Re-Mediating Self-Evaluation via Between-Drafts Concept Mapping. American Educational Research Association 2015 Annual Meeting, Chicago, IL.
- Olmanson, J., Kennett, K., Cope, W., van Haren, R., Searsmith, D., (2015, April). The Innovational Pivot: The Design and Implementation of a Digital Writing Tool. American Educational Research Association 2015 Annual Meeting, Chicago, IL.
- Olmanson, J., Abrams, S., (2014, April). Distributed Technology, Pedagogy, and Content Knowledge: A Study of the Integration of Emerging Technologies in Classroom Writing Spaces. American Educational Research Association 2014 Annual Meeting.
- Olmanson, J., (2013, May). What does Motivated Mean? Middle School Technologies and Technology in Middle School. Paper Session. Annual Qualitative and Ethnographic Research Conference. Exeter University, United Kingdom.
- Olmanson, J., Huang, C. K., Scordino, R., Sung, W., & Lee, J. (2013, April). Explicit and Congruent: A Case Study of Factors Guiding the Design of an Online Environment. Paper Session. Annual conference of the American Educational Research Association. San Francisco, CA.
- Olmanson, J., Abrams, S. (2013, April). From Partnership Agreement to Initial Use: Multi-Sited Inquiry into Early Implementation Efforts. Paper Session. Annual conference of the American Educational Research Association. San Francisco, CA.

- Sung, W., Olmanson, J., & Huang, C. K. (2013, April). Understanding Creative and Participatory Literacy Practices: A Design Ethnography. Poster Session. Annual conference of the American Educational Research Association. San Francisco, CA.
- Olmanson, J. & Abrams, S. (2013, February). Ethnographic Inquiry into Early Technology Integration Dynamics: Sideways Moves as Counter Narratives in Educational Technology Research. Paper Session. Annual Ethnography in Education Research Forum. Philadelphia, PA.
- Olmanson, J. (2012, May). Moving Sideways: Methodological wayfaring, new ethnographic writing, non-representational theory, weak theory, and actor-network theory in educational research. Paper presented at annual conference of the International Congress of Qualitative Inquiry. Urbana-Champaign, IL.
- Olmanson, J. & Sung, W. (2012, February). Beyond Critical Design Ethnography: Inquiring for understanding and digital possibility. Paper presented at the annual Ethnography in Education Research Forum. Philadelphia, PA.
- Olmanson, J. (2011, April). An Affinity for Educational Research and Technology Design: Student-led Design, Development, and Inquiry Endeavors. Session organizer for the annual conference of the American Educational Research Association. New Orleans, LA.
- Olmanson, J., Huang, C. K., & Sung, W. (2011, April). Innovational Affinities: Designing, Developing, and Implementing FunWritr, an Intelligent Mashup for Language and Literacy Play. Paper presented at the annual conference of the American Educational Research Association. New Orleans, LA.
- Brewer, C., Olmanson, J., Greenstein, S. (2011, April). An Affinity for Design, Deleuze, and Research: Democratized, Heterogeneous, Non-hierarchical Collaboration on-a Distributed Writing Tool. Paper presented at the annual conference of the American Educational Research Association. New Orleans, LA.
- Liu, M., Horton, L., Olmanson, J. (2011, April). Engaging Learners through Interactive Media: Findings and Implications from a Technology Enhanced Problem-based Learning Environment. Paper presented at the annual conference of the American Educational Research Association. New Orleans, LA.
- Horton, L., Liu, M., Olmanson, J. (2011, April). Motivational Multimedia: Examining Students' Learning and Motivation as They Use a Multimedia Enriched Learning Environment. Poster presented at the annual conference of the American Educational Research Association. New Orleans, LA.
- Olmanson, J., Liu, M. (2010, April-May). Launched into Outer Space yet Tethered to Earth: PBL Science Curriculum within Middle School Milieus. Poster presented at the annual conference of the American Educational Research Association. Denver, CO.
- Olmanson, J. (2009, April). The Strong Case for Weak Theory: Unrealized Roles for New

- Ethnography in Educational Technology Research. Paper presented at the annual conference of the American Educational Research Association. San Diego, CA.
- Olmanson, J. (2008, October). When Naïve Notions of the Efficient Qualitative Education Researcher Get in the Way: Tracking how discourses of efficiency, quality and [new] ethnography collided in a pilot study. Paper presented at the annual American Education Studies Association conference. Savannah, GA.
- Olmanson, J. (2002, November). Mathematics Understanding and Programming by Example.

 Presentation at the Texas Computer Education Association annual conference. Austin, TX.
- Olmanson, J. (2001, November). Literacy and Language Development of Bilingual Kindergarten Students through Animated Online Storybooks. Presentation at the Area IV Educator's Conference. Houston, TX.

Invited Talks

- Olmanson, J., (2014, March). From Yes to Use: Teachers and Technology Implementation in the Writing Classroom. Invited talk. University of Cincinnati. Cincinnati, OH.
- Olmanson, J., (2014, March). From Yes to Use: Teachers and Technology Implementation in the Writing Classroom. Invited talk. Georgia State University. Atlanta, GA.
- Olmanson, J., (2014, February). Leading and Supporting Understanding: Guiding theories, influential experiences, and future trajectories. Invited talk. University of Nebraska. Lincoln, NE.
- Olmanson, J., (2014, February). From Yes to Use: Teachers and Technology Implementation in the Writing Classroom. Invited talk. University of Nebraska. Lincoln, NE.
- Olmanson, J., (2013, May). Introduction to the Common Core State Standards, Writing, and Technology. Invited Talk. Lakenheath Elementary School. Lakenheath RAF, United Kingdom.
- Olmanson, J., (2013, May). New Media and New Learning: Exploring Pedagogical Affordances in a Peer Review and Academic Knowledge-Sharing Space. Invited presentation. London Knowledge Lab. London, United Kingdom.
- Olmanson, J., (2013, February). Reterritorializing Writing: Digital Spaces for Expression, Exploration, and Growth. Presented at the University of Miami. Miami, FL
- Olmanson, J., (2013, December). Affinity, Congruence, and Interdisciplinarity in the Design, Development, and Use of Multimodal Digital Learning Environments for Expression, Language Exploration, and Literacy Growth. Invited talk. The University of Texas San Antonio. San Antonio, TX.
- Olmanson, J. (2012, September). Scholar Research and Development Progress Report. Presented

at the annual meeting of the Institute of Education Sciences' Small Business Innovation Research Program. Washington DC.

- Olmanson, J. (2012, August). Thinking about and Experimenting with Educational Technology Use. Presented to the faculty of Immanuel Lutheran College. Invited presentation. Immanuel Lutheran College. Eau Claire, WI.
- Olmanson, J. (2012, April). Postmodern Analytical Research Methods in Education Research. Presented to the students of Dr. Joan Hughes' graduate-level Intro to Qualitative Research course. The University of Texas at Austin.
- Olmanson, J. (2006, October). Improving Your Serve: Consuming and using educational research. Presented at the annual National Conference of Teachers Church of the Lutheran Confession. Mankato, MN.
- Olmanson, J. (2001, June). Using the Internet for Academic Research in a Developing Nation. Presented at Southwest Jiaotong University. Chengdu, Sichuan Province, China.

Grants, Fellowships, and Awards

UNL CEHS Technology Innovation Project Award

College of Education and Human Sciences, UNL, Lincoln, NE

PIs: Justin Olmanson, Andrew Zimbroff, University of Nebraska Lincoln

Role: Proposal Author & PI

Funding for: College-Wide Digital Research and Design Studio

\$13,106 ~ Awarded 2015

Institute of Education Sciences Postdoctoral Training Fellowship

Institute of Education Sciences, Washington, DC

PIs: Bill Cope and Sarah McCarthey, University of Illinois at Urbana-Champaign

Role: Fellowship Recipient

Funding for: Research training and professional development mentoring

\$191,250 ~ Awarded 2011-2014

Innovative Social Entrepreneurship Design & Development Award

LBJ School of Public Affairs, University of Texas, Austin, TX

Awarded to: Digital Spaces Working Group

Role: Proposal Author, Lead Designer, Lead Programmer

Funding for: Continued Design and Development of the Distributed Biography Application

\$500 ~ Awarded 2007

After School Achievement Program

Mayor's Office, City of Houston, Houston, TX

Awarded to: Crespo Fine Arts Magnet Academy, Houston, TX

Role: Proposal Author

Funding for: After School Programming, Resource Creation, Administration, and Staffing

\$90,000 ~ Awarded 2001-2004

Texas Infrastructure Fund Special Projects Grant

State of Texas Telecommunications Infrastructure Fund, Austin, TX Awarded to: Crespo Fine Arts Magnet Academy, Houston, TX

Role: Proposal Author

Funding for: Technology Infrastructure Augmentation

 $$40,000 \sim \text{Awarded } 2002-2003$

Intel Teach to the Future and Bill and Melinda Gates Technology Leadership Grant

Intel Education, Santa Clara, CA; The Bill and Melinda Gates Foundation, Seattle WA Awarded to: Technology Educator, Crespo Fine Arts Magnet Academy, Houston, TX Role: Proposal Author

Funding for: Technology integration and leadership training; Hardware and software

 $\$8,000 \sim \text{Awarded } 2001-2002$

Texas Computer Education Association State Conference Travel Grant

Texas Computer Education Association, Austin, TX

Awarded to: Technology Educator, Crespo Fine Arts Magnet Academy, Houston, TX

Role: Proposal Author

Funding for: Travel to and lodging at the annual TCEA conference

\$380 ~ Awarded 2001

Creative Design and Development Work

Chinese Character Helpr

An input method in support of Chinese Character acquisition and use for Western learners Lead: designer, architect

Technologies: Huaban, Tuitang, Diandian, Papa, imtranslator.net, Ekho, OpenVanilla, Pinyin Joe, BigTable

<u>Chinese Character Helpr</u> ~ Access to look-and-feel mockup

FunWritr

An invisible mashup for open-ended literacy development and language acquisition Role: Project manager, lead designer, server-side programmer, and database architect Technologies: Flash Builder, Python, CherryPy, WordNet, Natural Language Toolkit, and the Google Translate, Library Thing, Freesound, and Flickr APIs

FunWritr ~ Access to in-development beta on request olmansju@gmail.com

Distributed Biography

An online biography application based on the writings on self of Gilles Deleuze Role: Project manager, lead designer, programmer, and database architect Technologies: Zope, Object Oriented Database, Python, and the Flickr API DistributedBiography ~ Public alpha-prototype released 2008

Cipherland

A desktop application supporting problem solving and the history of ciphers Role: lead designer, programmer, and project manager

Technologies: Adobe Director, Lingo, MS Agents, cryptography algorithms

Desktop application ~ Alpha available on request 2004

Chinese Helper

A desktop application supporting conversational fluency for Chinese I

Lead: designer, programmer

Technologies: Adobe Director, Lingo Desktop application ~ Alpha 2003

Higher Education and Community Education Courses

Technology Integration in K12 Settings [TEAC 259]

Undergraduate Course, University of Nebraska Lincoln, Fall 14-16, Spring 15, Summer 15-16

Designing Learning Experiences [TEAC 859]

Graduate Course, University of Nebraska Lincoln, Fall Semesters since 2015

Designing Learning Applications using AI, NLP, and APIs [TEAC 882J]

Graduate Course, University of Nebraska Lincoln, Spring 2015

Education Technology for Making New Things Possible [TEAC 960]

Graduate Course, University of Nebraska Lincoln, Spring 2015

The Common Core State Standards, Writing, and Technology Instructor

In-Service Teacher Education for Graduate Credit, University of San Diego, 2013

Art, Design, and New Media for Social Justice Co-Designer & Co-Instructor

21st Century Afterschool Program, Urbana High School, 2013

Undergraduate Advanced Digital Media Summer Institute

Center for Teaching and Learning, The University of Texas at Austin 2009, 2010

Research & Design Groups

Language Learning, Literacies, and Equity Design Group

PIs: Justin Olmanson, Xianquan Liu

The University of Nebraska 2015-present

Language Learning & Technology Research and Design Group

PIs: Justin Olmanson and Chung-Kai Huang

The University of Nebraska 2014-2017

The University of Texas Austin and The University of Illinois Urbana-Champaign 2007-2014

InfoWriter Project (Institute of Education Sciences SBIR Fast-Track)

PIs: Bill Cope, Sarah McCarthey, Mary Kalantzis

Role: Lead researcher, Co-Designer, IES Postdoctoral Research Fellow

The University of Nebraska 2014-present

University of Illinois at Urbana-Champaign, Champaign, IL 2013-2014

Assess-As-You-Go [Scholar] Project (Institute of Education Sciences Goal II)

PIs: Bill Cope, Sarah McCarthey, Mary Kalantzis

Role: Researcher, IES Postdoctoral Research Fellow

University of Illinois at Urbana-Champaign, Champaign, IL 2011-2014

Educational Technology Research, Design, and Development Group: Alien Rescue Project

PI: Min Liu

Role: Ad Hoc Graduate Student Researcher

The University of Texas at Austin, Austin, TX 2008, 2009, 2011

Digital Spaces Working Group

PIs: Justin Olmanson and Steven Greenstein

The University of Texas at Austin, Austin Texas 2006-2009, 2013

National Professional Organization Memberships

American Educational Research Association
Association for the Advancement of Computing in Education
Design Research Society
International Artificial Intelligence in Education Society

University Committees and Service

TLTE Graduate Committee

College of Education and Human Sciences ~ University of Nebraska Member 2015-Present

CEHS Instructional Technology Group

College of Education and Human Sciences ~ University of Nebraska Member 2015-Present

Children's Research Center Space Allocation Committee

College of Education ~ University of Illinois at Urbana-Champaign Member 2012-2014

5/20/50 Year Long Term Planning Committee

College of Education \sim University of Illinois at Urbana-Champaign Participant 2012

Educational Technology Fall Brown Bag Series

College of Education: Instructional Technology Department ~ University of Texas at Austin Organizer 2009

Instructional Technology Assistant Professor Faculty Search Committee

College of Education: Instructional Technology Department ~ University of Texas at Austin

Member 2008-2009

National, Regional, State, and Local Service

Technology, Knowledge and Learning

Editor: Dirk Ifenthaler ~ University of Mannheim

Reviewer 2015-Present

Journal of Educational Technology Research and Development

Editor: Michael J. Hannafin ~ University of Georgia Reviewer 2012-Present; Ad hoc reviewer 2009-2011

Journal of Online Learning and Teaching

Editor: Mark J. W. Lee ~ Charles Sturt University

Reviewer 2012-Present

Computer and Internet Applications in Education Special Interest Group

American Educational Research Association

Chair 2014-2016

Interdisciplinary Journal of Problem-based Learning

Editor: Peggy A. Ertmer ~ Purdue University

Ad hoc reviewer 2012

Campus Grant Writing Committee

Crespo Elementary ~ Houston Independent School District

Chair 2001-2003

Campus Technology Committee

Crespo Elementary ~ Houston Independent School District Chair 2001-2003

Campus Shared Decision Making Committee

Crespo Elementary ~ Houston Independent School District Member 2001-2003

Human and Computer Languages / Literacies

English Advanced

Spanish Advanced

Norwegian Intermediate-High French Intermediate-Low

Python Advanced PHP Advanced mySQL Advanced Lingo Advanced HTML Intermediate Intermediate **Cold Fusion** Perl Intermediate LISP Intermediate ActionScript Intermediate Max 7 Intermediate