

Danielle Teodora Keifert, Ph.D.

Curriculum Vitae

June 1, 2020

danielle.keifert@unt.edu
Department of Educational Psychology
College of Education, University of North Texas

CURRENT POSITION

University of North Texas, College of Education 2019-present
Assistant Professor

EDUCATION & TRAINING

**University of California, Los Angeles
& Vanderbilt University, Nashville TN** 2016-2019

Post-doctorate with Dr. Noel Enyedy

Grant: *Science through Technology Enhanced Play, National Science Foundation*

Grant: *Representations for Teachers as Learners, McDonnell Foundation*

The Exploratorium, San Francisco

Post-doctorate with the Institute for Inquiry at the Exploratorium

2015-2016

Project: *Designing for Discourse*

Northwestern University

Ph.D., Learning Sciences

2009-2015

Dissertation Title: Young Children Participating in Inquiry: Moments of Joint
Inquiry and Questioning Practices at Home and in School

Committee: Drs. Reed Stevens (chair), Bruce Sherin, Jim Spillane

Fellow: Multidisciplinary Program in Education Sciences, Institute of
Education Sciences pre-doctoral training program

2010-2013

Certificate: Educational Sciences

2015

Swarthmore College

B.A., Special Major in Education & Astronomy

2000-2004

Thesis Topic: Planetarium-Classroom Partnerships

JOURNAL ARTICLES

Keifert, D., & Marin, A. (2018). A Commentary on Charles Goodwin's Co-Operative Action for Learning Scientists. *Cognition and Instruction*. 36(3).
<https://doi.org/10.1080/07370008.2018.1460845>

Keifert, D.T., & Stevens, R. (2019). Inquiry as a members' phenomenon: Young children as competent inquirers. *Journal of the Learning Sciences*. 28(2).
<https://doi.org/10.1080/10508406.2018.1528448>

BOOK CHAPTERS

Levine, S., **Keifert, D.**, Marin, A., & Enyedy, N. (2020). Hybrid Argumentation in Literature and Science for K-12 Classrooms. In Nasir, N.S., Lee, C. D, Pea, R, & de Royston, M.M. (Eds.) *Handbook on the Cultural Foundations of Learning*.

DISSERTATION

Keifert, D. (2015). Young children participating in inquiry: Moments of joint inquiry and questioning practices at home and in school (Doctoral dissertation). Northwestern University. Retrieved from Proquest. (3724286).

MANUSCRIPTS

Keifert, D., Lee, C., Dahn, M., Lindberg, L., Enyedy, N., & Danish, J. (r&r). Tracing bodies through liminal blends during play-based inquiry in a mixed reality environment

Keifert, D.T. (under review) Domains of Value in Family Culture. *Cognition & Instruction*

Keifert, D.T. (under review) Tracing young children engaging in family practices across settings

Keifert, D., Enyedy, N., & Xiao, C. (in preparation). Students' Embodied Choreographies as Phenomena for Science Inquiry

PUBLISHED CONFERENCE PROCEEDINGS

Keifert, D. (2020). Family Practices as Cultural Substrate in Young Children's Engagement and Adaptation of Family Practices. In D. Keifert (chair) *Adapting Learning Sciences Theoretical Lenses to See Young Kids' Sensemaking*. Proceedings of the 14th International Conference of the Learning Sciences, Nashville, TN. (Digital presentation, appears in print proceedings)

Keifert, D., Xiao, C., & Enyedy, N. (2020). Drawing on and Disrupting Choreographic Substrate for Being Scientific Phenomena. In D. Keifert (chair) & Noel Enyedy (co-chair) *Analytical Designs: Goodwin's Substrates as a Tool for Studying Learning*. Proceedings of the 14th International Conference of the Learning Sciences, Nashville, TN. (Digital presentation, appears in print proceedings)

Keifert, D. (2020). Broadening Conceptualizations of Learning: Fix-It-Foxing as a Practice for *Learning From* and *Learning With*. Proceedings of the 14th International Conference of the Learning Sciences, Nashville, TN. (Sessions cancelled, appears in print proceedings)

Keifert, D., Krist, C., Scipio, D., & Philips, A. (2018). Epistemic Agency as a Members' Experience. Proceedings of the 13th International Conference of the Learning Sciences, London UK, 192-197.

Keifert, D., Enyedy, N., Danish, J., Dahn, M., Lee, C., & Lindberg, L., (2018). Tracing Bodies through Liminal Blends during Play-Based Inquiry in a Mixed-Reality Environment. Proceedings of the 13th International Conference of the Learning Sciences, London UK, 1431-1432.

Keifert, D. (2018). Young Children's Inquiry Within and Across Settings. Proceedings of the 13th International Conference of the Learning Sciences, London UK, 1863-1865.

- Keifert, D., Lee, C., Dahn, M., Illum, R., DeLiema, D., Enyedy, N., & Danish, J. (2017). Agency, Embodiment, & Affect During Play in a Mixed-Reality Learning Environment. Proceedings of the 16th Interaction Child & Design Conference, Palo Alto CA.
- Keifert, D. (2014). Co-Constructing Opportunities for Inquiry: A Cross-Context and Development Ethnography of Young Children's Inquiry. Proceedings of the 11th International Conference of the Learning Sciences, Boulder CO, 3, 1753.
- Keifert, D. (2012). Young children's everyday inquiry: A field study of a young girl's play across contexts. Proceedings of the 10th International Conference of the Learning Sciences, Sydney AU, 1, 315-322.
- Keifert, D., & Stevens, R. (2012). Block building at home and preschool. Proceedings of the 10th International Conference of the Learning Sciences, Sydney AU, 2, 91-98.
- Horn, M.S., Davis, P., Hubbard, A.K., **Keifert, D.**, Leong, Z.A., & Olson, I.C. (2011). Learning sustainability: Families, learning, and next-generation eco-feedback technology. Proceedings of IDC 2011 – 10th International Conference on Interaction Design and Children: 166-164.

CONFERENCE PRESENTATIONS

- Johnson, H., Pierson, A., **Keifert, D.**, Henrie, A., Enyedy, N., Danish, J., & Askew, R. (2020, March 15-18). Modeling for equitable learning with ELs: Examining a professional learning design for elementary teachers. In J. Thompson's, *Equity and elementary science teaching and learning*. Symposium at the National Association of Research in Science Teaching (NARST), Portland, OR. (Conference canceled)
- Keifert, D., (April, 2019). *Reimagining STEM Learning Through Centering Families' Sense-Making Practices*. Paper presented as part of the symposium STEM Family Learning organized by E. Suarez for the National Association for Research in Science Teaching annual conference. Baltimore, MD.
- Keifert, D., Lee, C., Dahn, M., Lindberg, L., Enyedy, N., & Danish, J. (April, 2019). *Tracing Bodies through Liminal Blends during Play-based Inquiry in a Mixed Reality Environment*. Poster presented at the American Educational Research Association Conference. Toronto, Canada.
- Keifert, D., Scipio, D., & Grosshandler, D. (April, 2019). *Toward a Framework for Pedagogies of Joy*. Poster presented as part of the Symposium Pedagogies of Joy :) Joy as Resistance at the Intersection of STEM Learning Pathways organized by D. Scipio & **D. Keifert** for the American Educational Research Association Conference. Toronto, Canada.
- Humburg, M., **Keifert, D.**, Georgen, C., Tu, X., Danish, J., Enyedy, N. (April, 2018). *The Challenge of Consistency in Sensemaking Resources Across Play and Assessment for Young Science Learners*. Paper presented at the American Educational Research Association Conference, New York, NY.
- Danish, J., **Keifert, D.**, Enyedy, E., Humburg, M., Tu, X., Davis, B., Lee, C. (April, 2018). *Embodiment within computational models: Explorations of agency and normativity*. Paper presented at the American Educational Research Association Conference, New York, NY.
- Keifert, D., Enyedy, N., Danish, J., Lee, C., & Saleh, A. (June, 2017). *Two Kinds of Thought Experiments about Water Temperature during Young Children's Family and Technology-Enhanced Play*. Paper presented at the annual meeting of the Jean Piaget Society. San Francisco, CA.
- Keifert, D. (April, 2017). Tensions in crossing the bridge: Capitalizing upon preschoolers' family practices in classrooms. Paper presented at the American Educational Research Association Conference, San Antonio Texas.
- Keifert, D. (April, 2017). Joy in Inquiry and the Playful & Productive Adaptation of Practice. Paper presented at the American Educational Research Association Conference, San Antonio Texas.

- Keifert, D. (April, 2017). Inquiry as a Members' Phenomenon as a Model for Coordinating Definitions of Inquiry. Paper presented at the National Association for Research on Science Teaching, San Antonio Texas.
- Keifert, D. (April, 2016). Geographies of Attention: Shaping Young Children's Ways of Perceiving and Knowing. Paper presented at the American Educational Research Association Conference, Washington D.C.
- Keifert, D. (April, 2016). Seeing the Science in Young Children's Activity Through an Interactionally Grounded Account of Inquiry. Poster presented at the American Educational Research Association Conference, Washington D.C.
- Andrews, J., & Keifert, D., (April, 2015). Productive Disagreeing: Collaborators' Exploration of Ideas During Moments of Contested Knowledge. Poster presented at the American Educational Research Association Conference, Chicago, IL.
- Keifert, D., & Stevens, R. (March, 2014). Searching for Family Inquiry Practices Over Time. Poster presented at the National Science Foundation's 7th inter-Science of Learning Center Student and Post-Doc Conference, Pittsburg, PA.
- Keifert, D., & Stevens R. (May, 2013). "Yeah! I'm an an-phanbian. Cause I'm a frog!" Associating science with everyday inquiry. Paper presented at the American Educational Research Association Conference, San Francisco, CA.
- Keifert, D., & Stevens, R. (April, 2013). Affording inquiry practices: Tracing the practices of one young girl across contexts. Paper presented at the American Educational Research Association Conference, San Francisco, CA.
- Keifert, D., & Stevens, R. (February, 2013). Young children's everyday inquiry: An analytical framework for tracing practices across contexts. Poster presented at the National Science Foundation's 6th inter-Science of Learning Center Student Conference, Philadelphia, PA.
- Keifert, D., & Stevens, R. (June, 2011). Driving co-constructed activity during family play: How are children participating in shared STEM-focused activity?. Paper presented at the Jean Piaget Society Conference, Berkeley, CA.

HONORS AND AWARDS

Early Career Workshop, <i>International Conference of the Learning Sciences</i>	2018
Doctoral Consortium, <i>International Conference of the Learning Sciences</i>	2014
Graduate Student Seminar, <i>American Educational Research Association Division C</i>	2014
Dissertation Year Fellowship, <i>Learning Sciences at Northwestern University</i>	2013-2014
Best Student Paper Award, <i>International Conference of the Learning Sciences</i>	2012
Multidisciplinary Program in Education Sciences Fellowship, <i>Northwestern</i>	2010-2013
Joel Dean Social Sciences Research Grant, <i>Swarthmore College</i>	2003

TEACHING

Graduate-Level Courses & Workshops

<i>Modeling for the Secondary Science Classroom, Vanderbilt University</i>	2018
Instructor of record for pre-service teacher course. Designed course focused on NGSS.	
<i>Empirical Methods for Social Interaction, Stanford University</i>	2016
Co-taught with Drs. Ray McDermott, Jenny Langer-Osuna, Ramón Martínez	

New Approaches to Science Teaching, Northwestern University 2013
 Co-taught with Dr. Brian Reiser & Michael Novak, MS Education course

Undergraduate-Level Courses

Development and Teaching & Learning, University of North Texas 2019
 Instructor of record for pre-service teacher course. Re-designed course focused on TExES Pedagogy & Professional Responsibilities standards/competences. Focused on development and intersectional identity as they shape the role of teachers and the design of learning environments. Emphasis on observation of real-world learning and analysis of learning designs using learning theory.

Development and Teaching & Learning, University of North Texas 2019
 Instructor of record for pre-service teacher course. Focused on theories learning and development, design and assessment of more equitable and just learning environments.

Advanced Research Methods, Northwestern University 2014
 Teaching assistant to Dr. James Spillane

Cognition in Contexts, Northwestern University 2011
 Teaching assistant to Dr. Reed Stevens

Classroom Teaching

Supporting Teachers for Science Through Technology Enhanced Play Implementations, UCLA Lab School, Los Angeles CA 2017-2018
 Supported and co-taught combined 1st & 2nd grade teachers' implementation of the Science through Technology Enhanced Play (STEP) project.

Middle School Teacher & Advisor, Rodeph Sholom School, New York NY 2004-2009
 Taught science, math for 5th-7th graders, and advised 5th-8th grade students, developed curriculum in mathematics and expanded science curriculum

Informal Science Museum Teaching

Programs Intern at the Fels Planetarium, Franklin Institute, Philadelphia PA 2002-2004
 Hosted live and prepared shows for school groups and families, developed curricular materials for show timed with Spirit/Opportunity landings

SERVICE

Reviewer

Conferences

<i>Interaction Design and Children</i>	2018
<i>American Educational Research Association</i>	2016-present
<i>National Association for Research on Science Teaching</i>	2016
<i>International Conference of the Learning Sciences</i>	2012-present

Journals

<i>Cognition & Instruction</i>	2017-present
<i>Journal of the Learning Sciences</i>	2019
<i>International Journal of Child-Computer Interaction</i>	2019
<i>Instructional Science</i>	2019-present
<i>Science and Education</i>	2018

Grants

<i>National Science Foundation</i>	2017
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Conference Symposia Organizer & Chair

American Educational Research Association

(Co-organizer) Pedagogies of Joy :) Joy as Resistance at the Intersection of STEM Learning Pathways	2019
(Co-organizer) Pedagogies of Joy :) Reigniting Conversations About the Intersectionalities of Joy within Learning Pathways	2016
Drawing on Families' Ways of Perceiving and Knowing to Learn About Diverse Epistemologies in Action	2016
Science Trajectories: Tracing Young People's Participation in Science Across Settings	2013
What Does 'Science' Shift?: The Positioning of Activities and Identities with Respect to the Domain of Science	2013

National Association for Research on Science Teaching

(Co-organizer) Epistemic Agency as a Members' Experience	2017
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Communications Chair, Informal Learning Environments Research SIG

American Educational Research Association (AERA)	2016-2019
	2014

Co-Coordinator: Early Childhood Research Affinity Gathering

International Conference of the Learning Sciences

Invited Speaker Series Committee, Learning Sciences, Northwestern University 2012-2013

Learning Sciences New Student Orientation Coordinator 2012

Mentor: New Students, Learning Sciences, Northwestern University 2010-2014

PROFESSIONAL MEMBERSHIPS

- American Educational Research Association (AERA)
 - Learning Sciences Special Interest Group (SIG LS)
 - Informal Learning Environments Research Special Interest Group (SIG ILER)
 - International Society of the Learning Sciences (ISLS)
 - National Association for Research in Science Teaching (NARST)
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REFERENCES

Mentor & Collaborator **Noel Enyedy, Ph.D.**
Professor, Department of Teaching & Learning at Peabody College
Vanderbilt University
Nashville, TN 37212
(818) 425-4791
noel.d.enyedy@vanderbilt.edu

Mentor & Collaborator **Joshua Danish, Ph.D.**
Associate Professor
Learning Sciences Program Coordinator
Indiana University
Wendell W. Wright Education Building
Bloomington, IN 47405
(812) 856-8330
jdanish@indiana.edu

Collaborator **Déana Scipio, Ph.D.**
Director, Graduate Programs
IslandWood
4450 Blakely Ave NE
Bainbridge Island, WA 98110
(206) 855-4300
Deanas@islandwood.org

Collaborator **Ananda Marin, Ph.D.**
Assistant Professor, Graduate School of Education and Information Sciences
University of California, Los Angeles
457 Portola Plaza
Los Angeles, CA 90095
(310) 206-1877
marin@gseis.ucla.edu

Mentor **Rogers Hall, Ph.D.**
Professor & Chair, Department of Teaching & Learning at Peabody College
Vanderbilt University
Nashville, TN 37212
(615) 343-7063
r.hall@vanderbilt.edu

Dissertation Chair & Doctoral Advisor **Reed Stevens, Ph.D.**
Professor, Learning Sciences at Northwestern University
Annenberg Hall Room 319
Evanston, IL 60208-0001
(847) 467-2727
reed-stevens@northwestern.edu

Member: Dissertation Committee **Bruce Sherin, Ph.D.**
Professor, Learning Sciences
Northwestern University
2120 Campus Drive
Evanston, IL 60208-0001
(847) 467-2405
bsherin@northwestern.edu

Member: Dissertation Committee **Jim Spillane, Ph.D.**
Spencer & Ann Olin Professor in Learning & Organizational Change, Learning Sciences, Human Development & Social Policy
Northwestern University
2120 Campus Drive
Evanston, IL 60208-0001
(847) 467-5577
j-spillane@northwestern.edu
