

**Molly Victoria Shea**  
**Curriculum Vitae**

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**EDUCATION**

2013	Ph.D.	School of Education, University of Colorado, Boulder Human Development and Learning Sciences
2010	M.B.A.	University of Colorado, Boulder Social Entrepreneurship
2002	B.A.	Colorado College History, Politics & Classics

**PROFESSIONAL POSITIONS AND RANKS HELD**

2017 – Present	Assistant Professor, San Francisco State University, San Francisco, CA
2016 – 2017	Lecturer, San Francisco State University, San Francisco, CA Researcher, University of Colorado, Boulder
2013 – 2016	Program Director / Researcher, Exploratorium, San Francisco, CA
2009 – 2013	Graduate Instructor, University of Colorado, Boulder
2011 – 2013	Graduate Research Assistant, University of Colorado, Boulder
2004 – 2007	Research Assistant, RAND Corporation, Santa Monica, CA

**HONORS AND AWARDS**

2012	University of Colorado, Boulder Outreach Grant Awardee
2008	Leeds School of Business Merit Scholarship
2007	University of Colorado, Boulder Merit Award
2005	RAND Team Player Merit Award

## PROFESSIONAL ACHIEVEMENT AND GROWTH

### ***Peer-Reviewed Publications***

Jurow, A.S., Teeters, L., **Shea, M.V.**, Van Steenis, E. (2016). Extending the consequentiality of “invisible work” in the food justice movement. *Cognition and Instruction*. In special issue edited by Meagan Bang and Shirin Vossoughi on Participatory Design Research.

Jurow, A.S., & **Shea, M.V.** (2015). Learning in equity-oriented scale-making. *The Journal of the Learning Sciences*.

Vossoughi, S., Escude, M., Kong, F., Mendoza, L., **Shea, M.V.** (2014) Learning Across Settings Towards Transformative Trajectories of Practice. International Conference of the Learning Sciences 2014 (Vol. 3, pp. 1474-1480). Boulder, CO: International Society of the Learning Sciences.

Giroi, F., Olmsted, S. S., Keeler, E., Burgess, D. C. H., Lim, Y. W., Aledort, J. E., **Shea, M.V.**, ... & Wasserman, J. (2006). Developing and Interpreting Models to Improve Diagnostics in Developing Countries. *Nature*, Dec., S1:3-8.

Aledort, J., Ronald, A., Blancq, S., Ridzon, R., Landay, A., Rafael, M., **Shea, M.V.**, ... (2006). Reducing the burden of HIV/AIDS in infants: the contribution of improved diagnostics. *Nature*, Nov., S1:19-28.

### ***Editor-Reviewed Publications***

Teeters, L., Jurow, A.S., & **Shea, M.V.** (2016). The challenge and promise of community co-design. In V. Svihla and R. Reeve (Eds.) *Design as scholarship: Case studies from the Learning Sciences*.

### ***Peer-Reviewed Proceedings and Publications***

Shea, M.V., Vossoughi, S., Bang, M., Jurow, S., Escudé, M., Sandoval, J. (2018, April). Disrupting and Subverting Researcher Knowledge through Storytelling in a Community Based Partnership. Paper to be presented in *Processes of Partnering: Local Development of Methods to Democratize Knowledge Production in Research on Learning* Symposium at the American Educational Research Association Conference, New York City, New York.

Shea, M.V., Escudé, M., Henriquez, B., McLeod, E., Pooler, P., Ryoo, J.J., & Sandoval, J. (2015, September). *Making and Tinkering Towards Transformative Pedagogies and Learning Environments*. Workshop presentation at the FabLearn Conference, Palo Alto, CA.

Ryoo, J.J., **Shea, M.V.**, Vossoughi, S., Bevan, B., Bulalacao, N., Cortez, V., Escudé, M., Felten, M., Green, E., Gutierrez, E., Guan, S.P., Henriquez, B., Hernandez, M., Kekelis, L., McLeod, E., Pooler, P., Sandoval, J., Shaw, M., & Shields, K. (2015, April). *Equity-oriented pedagogy for STEM-rich tinkering*. Poster presented at the American Educational Research Association Conference, Chicago, IL.

Jurow, A.S., Teeters, L., **Shea, M.V.**, & Severance, S. (2014, June). Examining learning in the urban food justice movement, Paper presented in *Theorizing learning in the context of social movements*, Symposium at the 11<sup>th</sup> International Conference of the Learning Sciences, Boulder, CO.

Jurow, A.S., O'Connor, K., & **Shea, M.V.** (2012, April). Learning takes place. Paper presented in *Theorizing and transforming place in the Learning Sciences*. Presidential session at the annual meeting of the American Educational Research Association, Vancouver, British Columbia, Canada.

#### Invited Talks

Shea, M.V. (2017, October). *Learning in Informal Settings*. University of Colorado Boulder Seminar Series. Boulder, CO.

Bang, M., **Shea, M.V.**, Shouse, A. (2015, March). *Taking a Deeper Dive into Authentic Equity Work (The Role of Research and Practice)*. Council of State Science Supervisors Annual Conference. Chicago, IL.

Penuel, W., & **Shea, M.V.** (2014, September). R+P Collaboratory: Negotiating Problems of Practice. Department of Education Math and Science Partnership Conference, Washington, D.C.

#### Non Peer-Reviewed Works

Marsh, J.A., McCombs, J.S., Lockwood, J.R., Martorell, P., Gershwin, D., Naftel, S., Le, V., **Shea, M.V.**, Barney, H. & Crego, A. (2008). *Supporting Literacy Across the Sunshine State: A Study of Florida Middle School Reading Coaches*. RAND Education.

#### Work Submitted or Under Review

Shea, M.V. & Jurow, S. (under review). Learning and reorganizing valued expertise in a distributed network of sustainable business. *Cognition and Instruction*.

Shea, M.V. & Sandoval, J. (under revision). Community Educators as Political Actors: Creating Alternative Routes for Science Inquiry. *Science Education*.

Vossoughi, S. & Shea, M. V. (accepted). Guest Editorial. *Journal of Research in Science Teaching*.

#### **Grants and Contracts**

2017      National Science Foundation (\$300,000; 24 months; Principal Investigator)  
            *Developing High-Tech, Low-Cost Making Projects to Enhance Computational Teaching and Learning*