

Yoon Ha Choi

PhD Candidate in Science Education · Oregon State University

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EDUCATION

PhD (anticipated) in Science Education

Oregon State University, 2021

EdM in Human Development & Psychology

Harvard Graduate School of Education, 2013

BA in Economics with General Honors

University of Chicago, 2009

PROFESSIONAL EXPERIENCE - RESEARCH

Graduate Student Researcher

Oregon State University, Corvallis, OR, 2016-present

- Special Projects Assistant for the College of Agricultural Sciences, 2020-present
- Graduate Research Assistant for NSF Grant #1664271: *The Making of Engineers: Influence of Makerspaces on the Preparation of Undergraduates as Engineers*, 2019-present
- Graduate Research Assistant for NSF Grant #1516718: *SYNERGIES: Customizing Interventions to Sustain Youth STEM Interest and Participation Pathways*, 2016-2018

Research and Assessment Analyst

Santa Barbara City College, Santa Barbara, CA, 2018-2020

Project Consultant

Institute for Learning Innovation, Beaverton, OR, 2018

- NSF Grant #1647033: *Science Learning +: Partnering for Equitable STEM Pathways for Underrepresented Youth*

PROFESSIONAL EXPERIENCE - TEACHING & MENTORING

Eureka! Summer Program Facilitator

Girls Inc. of the Pacific Northwest, Woodburn, OR, Summer 2018

Graduate Teaching Assistant

Oregon State University, Corvallis, OR, Fall 2017

ED 253 Learning Across the Lifespan

Cultural Ambassador and Conversation Partner

INTO Oregon State University, Corvallis, OR, Winter 2017

PROFESSIONAL EXPERIENCE - OTHER

Director of Research Partnerships

Teach For America, Chicago, IL, 2013-2016

Municipal Debt Capital Markets Trader

TD Securities, New York, NY, 2009-2012

REFEREED PUBLICATIONS & CONFERENCE PRESENTATIONS

Peer-Reviewed Journal Article

Choi, Y. (in press). On pursuing scholarship that makes me whole: Reflections of an Asian woman critical feminist scholar of education. *Women, Gender, and Families of Color*.

Manuscripts Submitted for Publication at Peer-Reviewed Journals

Bouwma-Gearhart, J., **Choi, Y.**, Nadelson, L. S., Villanueva, I., Soto, E., & Lenhart, C. A. (under review). *Undergraduate students becoming engineers: The affordances of university-based makerspaces*. Manuscript submitted for publication.

Choi, Y., Bouwma-Gearhart, J., & Ermis, G. L. (under review). *Doctoral students' identity development as scholars in the education sciences: Literature review and implications*. Manuscript submitted for publication.

Choi, Y., Brunner, M. E., & Traini, H. Q. (under review). *Partial, (in)authentic, and masked: An exploration of power in doctoral students' identity development as scholars through collaborative autoethnography*. Manuscript submitted for publication.

Peer-Reviewed Conference Presentations

Choi, Y. (2021). *A domains of power analysis of the narratives of women of color in STEM*. To be presented at the American Educational Research Association Annual Meeting, April 2021. (Virtual conference)

Choi, Y., Bouwma-Gearhart, J., Villanueva, I., Nadelson, L. S., & Soto, E. (2020). *Engineers in the making: University-affiliated makerspace users' perception of affordances for students' development as engineers*. Association for the Study of Higher Education Conference, November 2020. (Virtual conference)

Nadelson, L. S., Villanueva, I., Bouwma-Gearhart, J., Soto, E., Lenhart, C. A., Youmans, K., & **Choi, Y.** (2020). *Student perceptions of and learning in makerspaces embedded in their undergraduate engineering preparation programs*. American Society for Engineering Education Conference, June 2020. (Virtual conference)

Brunner, M. E., Traini, H. Q., & **Choi, Y.** (2020). *"I felt invisible": Exploring power in doctoral students' scholarly identity development through collaborative autoethnography*. American Educational Research Association Annual Meeting, San Francisco, CA, April 2020. (Paper accepted; conference canceled)

- Choi, Y.**, Brunner, M. E., & Clement, H. Q. (2019). *“Extremely empowering (and nerve-wracking)”*: A collaborative autoethnographic examination of power in doctoral students’ scholarly identity development. Annual National Conference on Race & Ethnicity, Portland, OR, May 2019.
- Choi, Y.**, Bouwma-Gearhart, J., & Ermis, G. L. (2019). *Identity development in doctoral education: Literature review and implications*. American Educational Research Association Annual Meeting, Toronto, Canada, April 2019.
- Greenberg, D., Calabrese Barton, A., Dierking, L. D., Corin, E., & **Choi, Y.** (2019). *Critical youth participatory explorations of STEM pathways*. NARST Annual International Conference, Baltimore, MD, April 2019.
- Ermis, G. L., **Choi, Y.**, & Bouwma-Gearhart, J. (2018). *Identity development in doctoral education: Literature review and implications*. POD Network Conference, Portland, OR, November 2018.
- Staus, N. L., Dierking, L. D., Falk, J. H., Wyld, J. N., & **Choi, Y.** (2018). *Do STEM ecosystem approaches positively affect youth outcomes? Preliminary results from an underserved community*. NARST Annual International Conference, Atlanta, GA, March 2018.

GRANTS AWARDED

Graduate Laurels Scholarship

Oregon State University, 2020-2021

Marilyn Parrish Education Scholarship

Oregon State University College of Education, 2019-2020 & 2020-2021

President’s Commission on the Status of Women Scholarship

Oregon State University, May 2020

Graduate Student Travel Award

American Educational Research Association Division G Social Context of Education, February 2020 (Selected for award; conference canceled)

HONORS & FELLOWSHIPS

Selected Participant

Intersectional Qualitative Research Methods Institute for Advanced Doctoral Students (IQRMI-ADS), Latino Research Institute at the University of Texas at Austin, June 2020 (Virtual institute)

Selected Participant

Graduate Student Mentoring Preconference *Embodying Radical Love in and Outside the Academy*, American Educational Research Association Division G Social Context of Education, April 2020 (Selected as participant; conference canceled)

Phi Kappa Phi National Honor Society
Oregon State University Chapter, 2018

Graduate Summer Fellow
Education Pioneers, 2013

SERVICE - INVITED TALKS & PRESENTATIONS

Guest Speaker

Oregon State University College of Education, ED 620 Research Design and Epistemologies (doctoral level seminar course). *Crafting an Effective Literature Review*, October 2020

Graduate Student Panelist

Oregon State University Office of Undergraduate Research, Scholarship & the Arts, *Graduate-Undergraduate Student Mixer*, February 2018

Current Student Panelist

Oregon State University College of Education, *New PhD Student Orientation*, September 2017

SERVICE - OTHER

Guest Facilitator

Achieving the Dream Data & Analytics Summit Preconference, *Qualitative Research Methods: A Focus on Diagnosis*, October 2020

Peer Reviewer

American Educational Research Association 2021 Annual Meeting Submissions, September 2020

Lightening Talk Judge

Oregon State University Summer Undergraduate Research Symposium, September 2017

PROFESSIONAL AFFILIATIONS

- American Educational Research Association (AERA), 2014-2016; 2019-2021
- Association for the Study of Higher Education (ASHE), 2021
- National Association for Research in Science Teaching (NARST), 2018
- Association for Education Finance and Policy (AEFP), 2014; 2016

TECHNICAL & LANGUAGE SKILLS

- Proficient in qualitative and quantitative research methods and software applications including Dedoose, SPSS, Survey Monkey, and Qualtrics
- Proficient with data visualization software Tableau
- Working knowledge of Structured Query Language (SQL)
- Fluent English speaker, native Korean speaker, intermediate French speaker