

Dr. Areej Mawasi
PhD in Learning, Literacies, and Technologies
<http://areejm.com>
Contact me for full cv: armw7353@colorado.edu

EDUCATION

Postdoctoral Research Associate June 2021 – Present
Institute of Cognitive Science, University of Colorado Boulder

Ph.D., Learning, Literacies, and Technologies Aug 2017 – May 2021
Mary Lou Fulton Teachers College, Arizona State University (ASU), Tempe

Research specialization: Learning Sciences, Technologies and Digital Media, Interaction Design and Engagement, Mixed Methods

Master of Education, Educational Technology (with honors), Aug- 2015 - May 2017
Mary Lou Fulton Teachers College, Arizona State University, Tempe

Bachelor of Arts, Business Administration and Education, Oct 2010 - August 2014
The Hebrew University of Jerusalem, Jerusalem

Languages: Arabic (Native), English (Fluent), Hebrew (Fluent)

SELECTED AWARDS AND HONORS

International

2021 Participant, Spring 2021 Research Sprint on “Digital Self-Determination” Digital Asia Hub and Berkman Klein Center for Internet & Society at Harvard University in collaboration with the Global Network of Internet & Society Centers
2021 Selected Fellow Participant, Partnerships to Upscale the Learning Sciences in Europe, Netherlands
2019 Global Deans Forum Doctoral Fellowship, Shanghai, China
2015-2017 Fulbright Scholarship, USA
2013 Global Entrepreneurship Summer School, Munich, Germany
2012 Transparency International Activate Fellowship (digital media fellowship), Conference in Casablanca, Morocco
2011-2012 Soliya Fellowship (digital media fellowship), based in New York, Virtual

Institutional at ASU

2021 Distinguished Graduate Student Award, ASU Faculty Women’s Association
2020 Dissertation Research Award
2020 Doctoral Student Research Mini-Grants Award
2020 Educational Leadership and Policy Studies Fellowship Award
2019 ASU Outstanding Research Award
2019 ASU Outstanding Mentor Award
2017-2018 Interdisciplinary Enrichment Fellowship Award at ASU
2017 Outstanding Graduate Student, Educational Technology

Institutional at HUJI

2014 Fellow, Transitional Justice Workshop , Fried-Gal Transitional Justice Fellowship. Minerva Center for Human Rights, Faculty of Law, HUJI
2013 Fellow, Transitional Justice Interdisciplinary Approach, Fried-Gal Transitional Justice Fellowship. Minerva Center for Human Rights, Faculty of Law, HUJI

SELECTED PEER-REVIEWED ACADEMIC PUBLICATIONS

PEER REVIEWED MANUSCRIPTS

Mawasi, A., Nagy, P., Finn, E., & Wylie, R. (2021). [Using Frankenstein-themed science activities for science ethics education: An exploratory study](#). *Journal of Moral Education*, 1-17. DOI: 10.1080/03057240.2020.1865140

Mawasi A., Nagy P., Finn E., Wylie R. (Accepted). Narrative-Based Learning Activities for Science Ethics Education: An Affordance Perspective. *Journal of Science Education and Technology*.

PEER REVIEWED BOOK CHAPTERS

Aguilera, E., Stewart, O. G., **Mawasi, A.,** & Cortés, L. E. (2020). [Seeing Beyond the Screen: A Multidimensional Framework for Understanding Digital-Age Literacies](#). In P. Sullivan, J. Lantz, & B. Sullivan (Eds.), *Handbook of Research on Integrating Digital Technology with Literacy Pedagogies* (pp. 1-31). Hershey, PA: IGI Global. doi:10.4018/978-1-7998-0246-4.ch001

REFEREED CONFERENCE PAPERS IN PROCEEDINGS

Mawasi A. Wylie R., Ganaiem W. & Ganaiem M. (2021). **Identifying Research-Practice Tensions and Belief Shifts through Co-Design Processes**. In E. de Vries, J. Ahn, & Y. Hod (Eds.), *15th International Conference of the Learning Sciences – ICLS 2021* (pp. 545-548). International Society of the Learning Sciences, 2021.

Mawasi A. & Gee E. (2021) **A Critical Approach for Youth Engagement in STEM through Game Design**. In E. de Vries, J. Ahn, & Y. Hod (Eds.), *15th International Conference of the Learning Sciences – ICLS 2021* (pp. 549-552). International Society of the Learning Sciences, 2021

Mawasi A., Wylie R., Nagy P. (2021). **Exploring Self-Efficacy Shifts within an Informal STEM Program**. In E. de Vries, J. Ahn, & Y. Hod (Eds.), *15th International Conference of the Learning Sciences – ICLS 2021* (pp.923-924). International Society of the Learning Sciences, 2021.

Mawasi A., Wylie R., Mishra P. (2021) **Expanding Science Learning within Community-Based Hands-on Transdisciplinary STEAM Experiences**. In E. de Vries, J. Ahn, & Y. Hod (Eds.), *15th International Conference of the Learning Sciences – ICLS 2021* (pp. 925-926). International Society of the Learning Sciences, 2021.

Mawasi A., Wylie, R., Gee, E. (2020). **Learners' Perceptions of Participating in STEM Hands-On Activities in an Out-Of-School Community-Based Organization Program**. In Kalir, J. H. & Filipiak, D. (Eds.). (2020). *Proceedings of the 2020 Connected Learning Summit* (pp.92-100). Pittsburgh, PA: ETC Press.

Nagy, P., **Mawasi A.,** Wylie, R. (2020). **Narrative-based Hands-On Activities for Science and Science Ethics Education: The Frankenstein200 Experience**. In Kalir, J. H. & Filipiak, D. (Eds.). (2020). *Proceedings of the 2020 Connected Learning Summit* (pp.118-125). Pittsburgh, PA: ETC Press.

Mawasi, A., Ahmed, I., Walker, E., Wang, S., Marasli, Z., Whitehurst, A., & Wylie, R. (2020). [Using Design-Based Research to Improve Peer Help-Giving in a Middle School Math Classroom](#). In Gresalfi, M. and Horn, I. S. (Eds.), *The Interdisciplinarity of the Learning Sciences, 14th International Conference of the Learning Sciences (ICLS) 2020, Volume 2* (pp. 1189-1196). Nashville, Tennessee: International Society of the Learning Sciences.

Mawasi, A., Aguilera, E., Wylie, R., & Gee, E. (2020). [Neutrality, "New" Digital Divide, and Openness Paradox: Equity in Learning Environments Mediated by Educational Technology](#). In Gresalfi, M. and Horn, I. S. (Eds.), *The Interdisciplinarity of the Learning Sciences, 14th International Conference of the Learning Sciences (ICLS) 2020, Volume 3* (pp. 1617-1620). Nashville, Tennessee: International Society of the Learning Sciences.

Mawasi, A., Nagy, P., & Wylie, R. (2020). [Systematic Literature Review on Narrative-Based Learning in Educational Technology Learning Environments \(2007-2017\)](#). In Gresalfi, M. and Horn, I. S. (Eds.), *The Interdisciplinarity of the Learning Sciences, 14th International Conference of the Learning Sciences (ICLS) 2020, Volume 3* (pp. 1213-1220). Nashville, Tennessee: International Society of the Learning Sciences.

Nagy, P., **Mawasi, A.**, & Wylie, R. (2020). [Fostering Science Identity Through Transmedia Storytelling: A Mixed-Methods Approach](#). In Gresalfi, M. and Horn, I. S. (Eds.), *The Interdisciplinarity of the Learning Sciences*, 14th International Conference of the Learning Sciences (ICLS) 2020, Volume 2 (pp. 873-874). Nashville, Tennessee: International Society of the Learning Sciences.

Ahmed, I., **Mawasi, A.**, Wang, S., Wylie, R., Bergner, Y., Whitehurst, A., & Walker, E. (2019, June). [Investigating Help-Giving Behavior in a Cross-Platform Learning Environment](#). In *International Conference on Artificial Intelligence in Education* (pp. 14-25). Springer, Cham.

Ahmed, I., Giroto, V., **Mawasi, A.**, Whitehurst, A., Wylie, R., & Walker, E. (2019). [Co-Design for Learner Help-Giving Across Physical and Digital Contexts](#). In *13th International Conference on Computer Supported Collaborative Learning (CSCL) 2019*, Volume 2 (pp. 545-548). Lyon, France: International Society of the Learning Sciences.

BOOK REVIEW

Mawasi A. (2021). [A Book Review for Critical Digital Humanities: The Search for a Methodology by James E Dobson](#), *Pedagogies: An International Journal*, DOI: 10.1080/1554480X.2021.1914945

RELEVANT RESEARCH EXPERIENCE

Areas of research interest: learning sciences, design-based research, applied mixed methods (qualitative and quantitative), learners' engagement and behavior, collaborative learning, critical STEM

Postdoctoral Research Associate

Institute of Cognitive Science, University of Colorado Boulder

Project:

NSF National AI Institute for Student-AI Teaming, with Drs. William Penuel and Arturo Cortez

Graduate Research Assistant in Learning and Technology Design

Mary Lou Fulton Teachers College, ASU, Tempe, Arizona

Center for Science and the Imagination at ASU, with Dr. Ruth Wylie

Aug 2016 – May 2021

Projects:

- 1) Learning and Efficacy about Emerging Technologies through Transmedia Engagement by the Public in Science-in-Society Activities (National Science Foundation Grant No. 1516684).
- 2) Improving Student Help-Giving with Ubiquitous Collaboration Support Technology (National Science Foundation Grant No. 1736103).
- 3) Evoke— An alternate reality game supporting social innovation among youth around the world. (World Bank Grant No. 7171335)

Play2Connect Lab at ASU, with Dr. Elisabeth Gee

Aug 2020 – May 2021

ASU Learning and Cognition Lab at ASU

Aug 2019 – Dec 2019

Assisted in data collection in schools and coding video data using the ICAP Framework (Interactive, Constructive, Active, Passive) to measure cognitive engagement).

Research Assistant

Shenkar College - Engineering. Design. Art., Tel Aviv, Israel

Summer 2017