

## Short CV

### Dr. Areej Mawasi

PhD in Learning, Literacies, and Technologies

<http://areejm.com>

For full CV, please contact: [armw7353@colorado.edu](mailto:armw7353@colorado.edu)

## EDUCATION

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**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

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### 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

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### PEER REVIEWED MANUSCRIPTS

Mawasi A., Nagy, P., Finn, E., & Wylie, R. (2021). **Narrative-Based Learning Activities for Science Ethics Education: an Affordance Perspective.** Journal of Science Education and Technology, 1-11.

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

### 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**

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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: National Science Foundation *National AI Institute for Student-AI Teaming (Grant No. 201980; Total Award \$19,993,294)*, 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 (NSF Grant No. 1516684; Total Award \$2,999,999).

2) Improving Student Help-Giving with Ubiquitous Collaboration Support Technology (NSF Grant No. 1736103; Total sub-Award: \$147,570).

3) Evoke— An alternate reality game supporting social innovation among youth around the world. (Worldbank 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).

### **Research Assistant**

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

Created literature database for project activities and synthesized literature on human interaction online.

Summer 2017