

SUMMARY

Situated at the intersection of Information Science, Learning Sciences, Education, and Human-Computer Interaction (HCI), my research focuses on how social computing and new information technologies can enhance learning in schools, local communities, and online, particularly for learners who have traditionally been under-represented in STEM domains. I approach this work through design-based and mixed-methods research, with the overarching aim of understanding how to promote equitable learning experiences and outcomes for young people.

EDUCATION

- 2010 **PhD, Urban Education Policy**, University of Southern California, Los Angeles, CA
- 2006 **MA, Computing and Education**, Columbia University, New York, NY
- 2003 **BA, Computing in Education** (Independent Major), Brown University, Providence, RI

ACADEMIC APPOINTMENTS

- 2016-Present **New York University**, *Associate Professor*
Steinhardt School of Culture, Education, and Human Development
Department of Administration, Leadership, and Technology
- 2010-2016 **University of Maryland, College Park**, *Assistant/Associate Professor*
College of Information Studies (51%), College of Education (49%)
* Promoted to Associate Professor with tenure in 2016
- 2015-2016 **University of Maryland, College Park**, *Director*
Human-Computer Interaction Lab
- 2010-2016 **University of Maryland, College Park**, *Faculty Member*
Human-Computer Interaction Lab
- 2013-2016 **University of Maryland, College Park**, *Senior Fellow*
Center for the Advanced Study of Communities and Information
- 2014-2015 **University of Maryland, College Park**, *Senior Fellow*
Maryland Equity Project
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OTHER EMPLOYMENT

- 2006-2010 **University of Southern California**, *Graduate Research Assistant*
Rossier School of Education, Los Angeles, CA
- 2004-2006 **Mayfield Junior School**, *Director of Technology*
Pasadena, CA
- 2003-2004 **Lincoln School for Girls**, *High School Computer Science Teacher*
Providence, RI
- 2000-2001 **Providence Breakthrough Collaborative**, *Year-Round Site Coordinator*
Providence, RI
- 1997-2000 **Providence Breakthrough Collaborative**, *Middle Grades Math Teacher*
Providence, RI

GRANTS & FELLOWSHIPS

- 2016-2021 **\$5,000,000**, *Collaborative Research: Improving the Implementation of Rigorous Instructional Materials in Middle-Grades Mathematics: Developing a System of Practical Measures and Routines.*
National Science Foundation
Role: PI (for NYU portion of Collaborative Research: \$572,816), Collaborators: Kara Jackson (University of Washington), Paul Cobb, Erin Henrick (Vanderbilt), Thomas Smith (University of California, Riverside)
- 2015-2017 **\$400,000**, *Blended Learning at Scale – Implementation and Analysis of Student Achievement in the District of Columbia Public Schools.*
Institute of Education Sciences
Role: PI, Collaborators: John Rice (District of Columbia Public Schools)
- 2014-2018 **\$1,350,000**, *DIP: ScienceKit for ScienceEverywhere – A Seamless Scientizing Ecosystem for Raising Scientifically-Minded Children*
National Science Foundation
Role: Co-PI, Collaborators: Tamara Clegg (University of Maryland), Jason Yip (University of Washington)
- 2013-2016 **\$1,300,000**, *Collaborative Research: Advancing Informal STEM Learning through Scientific Alternate Reality Games*
National Science Foundation
Role: Co-PI, Collaborators: Derek Hansen, Steven Shumway (Brigham Young University), Kari Kraus (University of Maryland)
- 2012-2014 **\$178,000**, *RAPID: Understanding and Designing Community Dynamics in a Massively Open Online Course Platform – The Peer 2 Peer University*
National Science Foundation
Role: Co-PI, Collaborators: Brian Butler (University of Maryland)

- 2011-2014 **\$550,000**, *EXP: Developing Science, Technology, Engineering, and Math (STEM) Identities through Participation in Science-Infused Media and Virtual Peer Networks*
National Science Foundation
Role: PI, Collaborators: Mega Subramaniam, Allison Druin (University of Maryland), Kenneth Fleischmann (University of Texas)
- 2010-2011 **\$9,000**, *Designing Social Interdependence and Group Awareness to Promote Participation in Collaborative Learning*
University of Maryland, Research and Scholarship Award
Role: PI
- 2010-2011 **\$7,000**, *Teenage Interactions on Social Network Sites*
University of Maryland, College of Education, SPARC Grant
Role: PI

AWARDS & HONORS

- 2014 **Best Paper Nominee**, *“I want to be a game designer or scientist”*: Connected learning and developing identities with urban, African- American youth.
International Conference of the Learning Sciences
- 2014 **Best Paper Nominee**, *The role of identity development within tensions in ownership of science learning.*
International Conference of the Learning Sciences
- 2013 **Best Paper Nominee**, *The dynamics of open, peer-to-peer learning: What factors influence participation in the P2P University?*
Hawaii International Conference on System Sciences – Learning Analytics and Networked Learning Track
- 2012 **Best Paper Award**, *Youth identities as remixers in an online community of storytellers: Attitudes, strategies, and values.*
Association for Information Science and Technology Annual Meeting – SIGUSE
- 2012-2013 **Lilly Fellowship**, *University of Maryland, College Park*
Center for Teaching Excellence, Teaching Award
- 2012-Present **I-Series Faculty**, *University of Maryland, College Park*
Chosen to teach special undergraduate capstone courses
- 2011 **Best Dissertation Award**, *University of Southern California*
Rossier School of Education
- 2010 **Best Paper Nominee**, *The effect of social network sites on adolescents’ social and academic development: Contemporary issues and research.*
American Educational Research Association – SIG TACTL
- 2010 **HASTAC Scholar Award**, <http://www.hastac.org/>

- 2016 **Ahn, J.**, Clegg, T., Yip, J., Bonsignore, E., Pauw, D., & Gubbels, M. (2016). Seeing the unseen learner: Designing and using social media to recognize children's science dispositions in action. *Learning, Media, and Technology*, 41(2), 252-282.
- Ahn, J.**, & Erickson, I. (2016). Revealing mutually constitutive ties between the information and learning sciences. *The Information Society*, 32(2), 81-84.
* Invited article
- Clegg, T., **Ahn, J.**, Yip, J. C., Bonsignore, E., & Pauw, D. (2016). Scientizing with sciencekit: Social media and storytelling mobile apps for developing playful scientific dispositions. *Educational Technology*, 56(3), 23-28.
- Pellicone, A., & **Ahn, J.** (forthcoming, online first). Building worlds: A connective ethnography of play in minecraft. *Games & Culture*. doi:10.1177/1555412015622345
- 2015 Subramaniam, M., **Ahn, J.**, Waugh, A., Taylor, N. G., Druin, A., Fleischmann, K. R., & Walsh, G. (2015). The role of school librarians in enhancing science learning. *Journal of Librarianship and Information Science*, 47(1), 3-16.
- Kim, J., **Ahn, J.**, & Vitak, J. (2015). Korean mothers' KakaoStory use and its relationships to psychological well-being. *First Monday*, 20(3-2).
- 2014 Lee, T. Y., Mauriello, M., **Ahn, J.**, & Bederson, B. (2014). Computational thinking with games in school age children. *International Journal of Child-Computer Interaction*, 2(1), 26-33
- Ahn, J.**, Pellicone, A., & Butler, B. S. (2014). Open badges for education: What are the implications at the intersection of open systems and badging? *Research in Learning Technology*, 22(23563), 1-13.
- 2013 **Ahn, J.**, Butler, B. S., Alam, A., & Webster, S. A. (2013). Learner participation and engagement in open online courses: Insights from the Peer 2 Peer University. *Journal of Online Learning and Teaching*, 9(2), 160-171.
- Subramaniam, M., **Ahn, J.**, Waugh, A., Taylor, N. G., Druin, A., Fleischmann, K. R., & Walsh, G. (2013). Crosswalk between the framework for k-12 science education and standards for the 21st century learner: School librarians as the crucial link. *School Library Research*, 16, 1-28.
- 2012 **Ahn, J.** (2012). Teenagers' experiences with social network sites: Relationships to bridging and bonding social capital. *The Information Society*, 28(2), 99-109.
- Ahn, J.** (2012). Teenagers and social network sites: Do off-line inequalities predict their online social networks? *First Monday*, 17(1-2).

¹ Publications can be downloaded here http://ahnjune.com/?page_id=6. My [Google Scholar page](#) is also up to date.

- Subramaniam, M. M., **Ahn, J.**, Fleischmann, K. R., & Druin A. (2012). Re-imagining the role of school libraries in stem education: Creating hybrid spaces for exploration. *The Library Quarterly*, 82(2), 161-182.
- 2011 **Ahn, J.** (2011). The effect of social network sites on adolescents' academic and social development: Current theories and controversies. *Journal of the American Society for Information Science & Technology*, 62(8), 1435-1445.
- Ahn, J.** (2011). Policy, technology, and practice in cyber charter schools: Framing the issues. *Teachers College Record*, 113(1), 1-26.
- Ahn, J.** (2011). Digital divides and social network sites: Which students participate in social media? *Journal of Educational Computing Research*, 45(2), 147-163.
- 2010 **Ahn, J.** (2010). The role of social network locations in the college access mentoring of urban youth. *Education and Urban Society*, 42(7), 839-859.
- 2007 Brewer, D. J., Stern, S., & **Ahn, J.** (2007). An introduction to "early college". *Education Finance and Policy*, 2(2), 175-187.

PEER REVIEWED FULL CONFERENCE PUBLICATIONS²

- 2016 Bonsignore, E., Hansen, D., Pellicone, A., **Ahn, J.**, & Kraus, K. et al. (2016). Traversing transmedia together: Co-designing an educational alternate reality game for teens, with teens. *Proceedings of 15th Conference for Interaction Design and Children – IDC 2016*. New York, NY: ACM.
- Yip, J., Clegg, T., **Ahn, J.**, Uchidiuno, J.O., Bonsignore, E., et al. (2016). The evolution of engagements and social bonds during child-parent co-design. *Proceedings of the 34th Annual ACM Conference on Human Factors in Computing Systems - CHI 2016*. New York, NY: ACM.
- 2015 **Ahn, J.**, Webster, S., & Butler, B. S. (2015). Open education in the wild: The dynamics of course production in the peer 2 peer university. *Proceedings of Computer Supported Cooperative Work and Social Computing - CSCW 2015*. New York, NY: ACM.
- Pauw, D., Clegg, T., **Ahn, J.**, Bonsignore, E., Yip, J., & Uchidiuno, J. (2015). Navigating connected inquiry learning with sciencekit. *Eleventh International Conference on Computer Supported Collaborative Learning*. Gothenberg, Sweden: International Society of the Learning Sciences.
- 2014 **Ahn, J.**, Subramaniam, M., Bonsignore, E., Pellicone, A., Waugh, A., & Yip, J.C. (2014). "I want to be a game designer or scientist": Connected learning and developing identities with urban, African-American youth. *Proceedings of the Eleventh International Conference of the Learning Sciences - ICLS 2014*. Boulder, CO:

² My research is interdisciplinary and reflected my joint appointment at the University of Maryland. My tenure home was in Information Studies, but my work (and joint appointment) was also in Education and Learning Sciences. In Information Studies and related fields such as Human-Computer Interaction, full papers in conference proceedings are highly valued.

International Society of the Learning Sciences.

Clegg, T.L., Bonsignore, E., **Ahn, J.**, Yip, J.C., Pauw, D., & Gubbels, M. (2014). Capturing personal and social science: Technology for integrating the building blocks of disposition. *Proceedings of the Eleventh International Conference of the Learning Sciences - ICLS 2014*. Boulder, CO: International Society of the Learning Sciences.

Pellicone, A., & **Ahn, J.** (2014). Construction and community: Investigating interaction in a minecraft affinity space. *Proceedings of the Tenth Conference for Games + Learning + Society - GLS 2014*. Madison, WI: ETC Press.

Yip, J.C., Clegg, T.L., **Ahn, J.**, Bonsignore, E., Gubbels, M., Rhodes, E., & Lewittes, B. (2014). The role of identity development within tensions in ownership of science learning. *Proceedings of the Eleventh International Conference of the Learning Sciences - ICLS 2014*. Boulder, CO: International Society of the Learning Sciences.

Yip, J.C., **Ahn, J.**, Clegg, T.L., Bonsignore, E., Pauw, D. & Gubbels., M. (2014). It helped me do my science. A case of designing social media technologies for children in science learning. *Proceedings of the 13th International Conference of Interaction Design and Children - IDC 2014*. New York, NY: ACM Press.

Bonsignore, E., **Ahn, J.**, Clegg, T., Yip, J. C., Pauw, D., & Gubbels., M., et al. (2014). Selfies for science: Collaborative configurations around sciencekit. *Proceedings of the companion publication of the 17th ACM conference on Computer supported cooperative work & social computing – CSCW 2014*. New York, NY: ACM Press.

2013 **Ahn, J.**, Weng, C., & Butler, B. S. (2013). The dynamics of open, peer-to-peer learning: What factors influence participation in the P2P University? *Proceedings of the 46th Annual Hawaii International Conference on System Sciences – HICSS*. Maui, HI: IEEE.

Ahn, J. (2013). What can we learn from facebook activity? Using social learning analytics to observe new media literacy skills. *Proceedings of the Third Conference on Learning Analytics and Knowledge - LAK13*. New York, NY: ACM Press.

Ahn, J., Butler, B. S., Weng, C., & Webster, S.A. (2013). Learning to be a better Q'er in social Q&A sites: Social norms and information artifacts. *Proceedings of the Association for Information Science and Technology 76th Annual Meeting – ASIST2013*. Montreal, Canada: Association for Information Science and Technology.

Bonsignore, E., Hansen, D., Kraus, K., Visconti, A., **Ahn, J.**, & Druin, A. (2013). Playing for real: Designing alternate reality games for teenagers in learning contexts. *Proceedings of the 12th International Conference on Interaction Design and Children – IDC2013*. New York, NY: ACM Press.

Clegg, T., Yip, J., **Ahn, J.**, Bonsignore, E., Gubbels, M., Lewittes, B., & Rhodes, E. (2013). When face-to-face fails: Opportunities for social media to foster collaborative learning. *Tenth International Conference on Computer Supported Collaborative Learning – CSCL2013*. Madison, WI: International Society of the Learning Sciences.

Kim, J., & **Ahn, J.** (2013). The show must go on: The presentation of self during interpersonal conflict on facebook. *Proceedings of the Association for Information*

Science and Technology 76th Annual Meeting – ASIST2013. Montreal, Canada: Association for Information Science and Technology.

Waugh, A., Taylor, N. G., Subramaniam, M., **Ahn, J.**, Druin, A., Fleischmann, K. R. (2013). Young people's engagement in content creation: An analysis of outliers. *Proceedings of the Association for Information Science and Technology 76th Annual Meeting – ASIST2013*. Montreal, Canada: Association for Information Science and Technology.

Ahn, J., Yip, J., & Gubbels, M. (2013). SINQ: Designing social media to foster everyday scientific inquiry for children. *Proceedings of the 12th International Conference on Interaction Design and Children – IDC2013*. New York, NY: ACM Press.

Ahn, J., Gubbels, M., Yip, J., Bonsignore, E., & Clegg, T. (2013). Using social media and learning analytics to understand how children engage in scientific inquiry. *Proceedings of the 12th International Conference on Interaction Design and Children – IDC2013*. New York, NY: ACM Press.

2012 **Ahn, J.**, Subramaniam, M., Fleischmann, K. R., Waugh, A., Walsh, G., & Druin, A. (2012). Youth identities as remixers in an online community of storytellers: Attitudes, strategies, and values. *Proceedings of the Association for Information Science and Technology 75th Annual Meeting – ASIST2012*. Baltimore, MD: Association for Information Science and Technology.

Bonsignore, E., Hansen, D., Kraus, K., **Ahn, J.**, Visconti, A., Fraistat, A., Druin, A. (2012). Alternate Reality Games: Platforms for Collaborative Learning. *Tenth International Conference of the Learning Sciences – ICLS 2012*. Sydney, Australia: International Society of the Learning Sciences.

Ahn, J., Gubbels, M., Kim, J., & Wu, J. (2012). SINQ: Scientific INQUIRY learning using social media. *CHI '12 Extended Abstracts on Human Factors in Computing Systems – CHI 2012*. New York, NY: ACM Press.

Lee, T. Y., Mauriello, M. L., Ingraham, J., Sopan, A., **Ahn, J.**, & Bederson, B. B. (2012). CTArcade: Learning computational thinking while training virtual characters through game play. *CHI '12 Extended Abstracts on Human Factors in Computing Systems – CHI 2012*. New York, NY: ACM Press.

2011 **Ahn, J.**, Bivona, L. K., & DiScala, J. (2011). Social media access in k-12 schools: Intractable policy controversies in an evolving world. *Proceedings of the Association for Information Science and Technology 74th Annual Meeting – ASIST2011*. New Orleans, LA: Association for Information Science and Technology.

BOOK CHAPTERS

2016 **Ahn, J.**, & Clegg, T. (forthcoming). Educational systems. In K. Norman (Ed.), *Wiley Handbook of Human-Computer Interaction*. Hoboken, NJ: Wiley-Blackwell.

Ahn, J., & Quarles, B. (forthcoming). Technology and education in the United States: Policy, infrastructure, and sociomaterial practice. In C.P. Loss & P. McGuinn (Eds.), *Convergence: U.S. Education Policy Fifty Years After the ESEA and the HEA of 1965*. Cambridge, MA: Harvard Education Press.

Clegg, T. & **Ahn, J.** (forthcoming). Designing with children and families together. In C. DiSalvo, E. DiSalvo, J. Yip, & E. Bonsignore (Eds.), *Participatory Design and the Learning Sciences*. New York: Routledge.

Pellicone, A., Bonsignore, E., Kaczmarek, K., Kraus, K., **Ahn, J.**, & Hansen, D. (forthcoming). Alternate reality games for learning: A frame by frame analysis. In A. Garcia & G. Niemeyer (Eds.), *Alternate Reality Games and the Cusp of Digital Gameplay*. New York, NY: Bloomsbury.

2014 **Ahn, J.** (2014). Education technology. In D. Brewer & L. Picus (Eds.), *Encyclopedia of Education Economics and Finance*. Thousand Oaks, CA: Sage.

2010 Brewer, D. J., & **Ahn, J.** (2010). What do we know about teachers in charter schools? In J. Betts & P. T. Hill (Eds.), *Taking Measure of Charter Schools: Better Assessments, Better Policymaking, Better Schools* (pp. 129-254). Lanham, MD: Rowman & Littlefield.

2009 **Ahn, J.**, & Brewer, D. J. (2009). What do we know about reducing class and school size? In G. Sykes, B. Schneider, & D. N. Plank (Eds.), *AERA Handbook of Education Policy Research* (pp. 426-437). New, York, NY: Routledge.

2008 Brewer, D. J., & **Ahn, J.** (2008). Charter school effects on student achievement: Introduction. In M. Berends, M. G. Springer, & H. J. Walberg (Eds.), *Charter School Outcomes* (pp. 159-161). Mahweh, NJ: Lawrence Erlbaum Associates.

REFEREED CONFERENCE PRESENTATIONS

2016 Azevedo, F. S., **Ahn, J.**, Lee, V.R., Dorph, R., & Cannady, M., et al. (2016). Moving ahead in the study of STEM interests and interest development: A new research agenda. Symposium under review for ICLS 2016.

Greenberg, D. W., Calabrese Barton, A., Nasir, N., Tan E., **Ahn, J.**, et al. (2016). Equity and Access in science: Understanding pathways frameworks for youth learning and development. Presented Symposium at the Annual Meeting of the American Educational Research Association. Washington, DC.

Pellicone, A., Bonsignore, E., **Ahn, J.**, Kaczmarek, K., Hansen, D., & Kraus, K. (2016). The social shape of DUST: Learning networks in alternate reality games. iConference 2016. Philadelphia, PA.

Quarles, B., **Ahn, J.**, & Sunderman, G. (2016). Tracking teachers' perspectives and experiences with educational technology: A survey of Maryland teachers. Paper presented at the Annual Meeting of the American Educational Research Association. Washington, DC.

- Yip, J., Clegg, T. L., **Ahn, J.**, Polman, J., Land, S.M., et al. (2016). Connecting learners to place, space, and personal experience with technology and new media. Presented Symposium at the Annual Meeting of the American Educational Research Association. Washington, DC.
- 2015 **Ahn, J.**, & McEachin, A. (2015). Online learning in k-12 education: Examining adoption and consequences in the case of ohio. 40th Annual Conference of the Association for Education Finance and Policy. Washington, DC.
- Ahn, J.**, Burch, P., Halverson, R., Good, A., McEachin, A., Bingham, A., & Wardrip, P. (2015). Understanding the digital evolution in k-12 education: Policy and practice perspectives. Presented Symposium at the Annual Meeting of the American Educational Research Association. Chicago, IL.
- Ching, D., Peppler, K., Hoadley, C., Gomez, K., **Ahn, J.**, & Birmingham, D. et al. (2015). New tools, new voices: Innovations in understanding and analyzing life-wide ecologies for youth interest-driven learning. Presented Symposium at the Annual Meeting of the American Educational Research Association. Chicago, IL.
- Pellicone, A., & **Ahn, J.** (2015). Play across networks: An ethnography of information behavior in online gaming. iConference 2015 Proceedings. Newport Beach, CA.
- Beck, A., Quarles, B., & **Ahn, J.** (2015). Blended learning, equity, and achievement: A study of the dc public schools. 40th Annual Conference of the Association for Education Finance and Policy. Washington, DC.
- Quarles, B., Beck, A., & **Ahn, J.** (2015). Policy mechanisms and technology in k-12 education: The case in maryland and broader considerations. 40th Annual Conference of the Association for Education Finance and Policy. Washington, DC.
- 2014 Waugh, A., **Ahn, J.**, & Subramaniam, M. (2014), Who Am I?: Incorporating Identity Play to Boost Teen Engagement. American Library Association Annual Conference. Las Vegas, NV.
- Waugh, A., Magee, R., Agosto, D., **Ahn, J.**, Bowler, L., Subramaniam, M. (2014). Youth beyond borders: Methodological challenges in youth information interaction. Panel presented at ASIS&T 2014. Seattle, WA.
- 2013 **Ahn, J.**, Subramaniam, M. M., Waugh, A., Taylor, N. G., Walsh, G., & Kim, J., et al. (2013), Designing science fiction and online community as tools for stem literacy and self identity. Annual Meeting of the American Educational Research Association. San Francisco, CA.
- Bonsignore, E., **Ahn, J.**, Clegg, T., Guha, M. L., Yip, J.C., & Druin, A., et al. (2013). Embedding participatory design into designs for learning: An untapped interdisciplinary resource? Panel presented at Computer Supported Collaborative Learning 2013. Madison, WI.
- Magee, R., Agosto, D. E., **Ahn, J.**, Reynolds, R., Forte, A., & Dickard, M. (2013). Teens and social media: Where are we now, where next? Panel presented at ASIS&T

2013. Montreal, Canada.

Subramaniam, M., **Ahn, J.**, Alemanne, N., Eisenberg, M., Fullerston, S., Kazmer, M., & Mardis, M. (2013). Experiencing science in informal learning environments: Tales from the field. Panel presented at 2013 iConference. Fort Worth, TX.

Waugh, A., Taylor, N.G., Subramaniam, M., **Ahn, J.**, Druin, A., Fleischmann, K. (2013). Teen superusers: Lessons for online programs in the library. American Library Association 2013 Annual Conference. Chicago, IL.

Webster, S., Alam, A., **Ahn, J.**, & Butler, B. (2013). Understanding participation and persistence in online peer-to-peer learning. Computer Supported Collaborative Learning 2013. Madison, WI.

2012 Subramaniam, M. M., & **Ahn, J.** (2012). School librarians as co-designers and innovators in the future of cyberlearning. Annual Conference of the American Library Association. Anaheim, CA.

Xie, B., Levi, A., **Ahn, J.**, Khamis, S., Koepfler, J., & Watkins, I. (2012). Health, social media, and diverse populations. Panel presented at 2012 iConference. Toronto, Canada.

2011 **Ahn, J.** (2011). The effect of social network sites on high school students: A cluster-randomized trial, Annual Meeting of the American Educational Research Association. New Orleans, LA.

Ahn, J. (2011). Education as a scholarly field: A social network analysis of 2008 journal citation trends. Annual Meeting of the American Educational Research Association. New Orleans, LA.

2010 **Ahn, J.** (2010). The effect of social network sites on adolescents' social and academic development: Contemporary issues and research. Annual Meeting of the American Educational Research Association. Denver, CO.

Ahn, J., & McEachin, A. (2010). The social networks of charter school stakeholders: Understanding the link between policy and the potential for innovation. Annual Meeting of the American Educational Research Association. Denver, CO.

2009 **Ahn, J.** (2009). Appropriating video games to improve college access: Lessons from media effects and social gaming research. Annual Meeting of the Association for the Study of Higher Education. Vancouver B.C, Canada.

Ahn, J., & Burleson, D. (2009). The Role of Network Locations in the College Access Mentoring of Urban Youth. Annual Meeting of the American Educational Research Association. San Diego, CA.

Ahn, J. (2009). Understanding teaching strategies in second life: A variable-based approach. Annual Meeting of the American Educational Research Association. San Diego, CA.

2008 **Ahn, J.** (2008). A framework for understanding k-12 virtual schools: The case of cyber charter schools. Annual Meeting of the American Educational Research Association.

New York, NY.

Smith, J., & **Ahn, J.** (2008). Applying a framework for evaluating educational governance reforms: Lessons from florida and texas. Annual Meeting of the American Educational Research Association. New York, NY.

2007 Brewer, D. J., & **Ahn, J.** (2007). The research on class and school size. Annual Meeting of the American Educational Research Association. Chicago, IL.

INVITED TALKS

2016 **Ahn, J.** (April, 2016). Situating design and data: Reimagining STEM learning. University of California, Riverside, College of Education.

2015 **Ahn, J.**, (October, 2015). Technology and education in the United States: Policy, infrastructure, and sociomaterial practice. Invited talk at the Convergence Conference: U.S. Education Policy Fifty Years after the ESEA and HEA, Nashville, TN.

Ahn, J., (July, 2015). Building STEM learning pathways from expressions of identity, interest, and literacy. Invited talk at the NSF Workshop for Affinity Spaces and STEM Learning, Madison, WI.

Ahn, J. (February, 2015). K-12 online education policy in Maryland. State Assembly of Maryland, Legislative Briefing, Annapolis, MD.

2014 **Ahn, J.** (November 2014). Reimagining STEM Pathways through the Design of Learning Environments and Technologies. New York University, Steinhardt School of Culture, Education, and Human Development.

Ahn, J. (October, 2014). Selfies, Superheros, and Tardigrades - Everyday Life, Science Fiction, and Game Experiences and its Role in Developing Interest in STEM Pathways. National Science Teachers Association Conference on Science Education. Keynote speech presented, Richmond, VA.

Ahn, J., Subramaniam, M., Waugh, A., Pellicone, A., Kim, J., & Bonsignore, E. (July, 2014). Connected learning and stem pathways: The development of identity, interest, and information literacy. Selected to Present Poster Showcasing our NSF-funded project at the 2014 NSF Cyberlearning Summit.

2013 **Ahn, J.** (December 2013). Open education: New developments, needs, and opportunities for research. Canadian Institute of Distance Education Research.

2012 **Ahn, J.** (November, 2012). Sci-identity: Articulating the role of new media literacies to help students identify with stem. University of Maryland, Center for Mathematics Education.

Ahn, J. (May 2012). Using social media in the college classroom. University of Maryland, Center for Teaching Excellence, Summer Institutes on Teaching and Learning with New Technologies.

Ahn, J., & Subramaniam, M. M. (May 2012). Designing sci-identities: How sci-fi, remix, and social media can promote youth interest in science. 29th Annual Human Computer Interaction Lab Symposium, University of Maryland, College Park.

2011 **Ahn, J.** (May 2011). How does social media affect youth development? 28th Annual Human Computer Interaction Lab Symposium, University of Maryland, College Park.

Ahn, J. (April, 2011). Transforming Learning through Emerging Technologies. Maryland Institute for Minority Achievement and Urban Education.

WORKSHOPS & ABSTRACTS

2016 **Ahn, J.**, Bonsignore, E., Hansen, D., Kraus, K., Neustaedter, C. (2016). Pervasive play. Led workshop for CHI 2016. San Jose, CA.

Bell, P., Penuel, W. Clegg, T., & **Ahn, J.**, et al. (2016). Building an equity-focused knowledge base for NGSS by fostering partnerships between research and practice. Led workshop for National Association for Research in Science Teaching, 2016 Annual Conference. Baltimore, MD.

2015 **Ahn, J.**, Clegg, T., Yip, J., Bonsignore, E., & Rick, J. (2015). Innovations in interaction design & learning. Led Workshop for Interaction Design & Children 2015. Boston, MA.

2014 **Ahn, J.**, Erickson, I., & Meyers, E. (2014). Connecting fields, connecting scholars: Breaking down walls between learning and information sciences. Led Workshop for iConference 2014. Berlin, Germany.

Lin, P., Roque, R., Wardrip, P. S., **Ahn, J.**, Shapiro, R. B. (2014). Designing futures for peer-to-peer learning @ CSCW. Led Workshop for Computer Supported Cooperative Work 2014. Baltimore, MD.

2013 Bonsignore, E., Yip, J., **Ahn, J.**, Clegg, T., & Guha, M. L. (2013). Designing for learners with learners: Toward a theory of cooperative inquiry in the design of learning technologies. Computer Supported Collaborative Learning 2013. Workshop on HCI and Learning Sciences.

Butler, B., & **Ahn, J.** (2013). Ecological perspectives on creating and sustaining open learning environments. Computer Supported Collaborative Work 2013. Workshop on CSCW and Education.

Butler, B. S., & **Ahn, J.** (2013). Moving from Big Data to (Learning) Analytics: Data Analysis of Large-Scale Online Learning Communities. Led Workshop for HCIL Symposium. College Park, MD.

Yip, J., Bonsignore, E., **Ahn, J.**, Clegg, T., & Guha, M. L. (2013). Building sciencekit through cooperative inquiry. Computer Supported Collaborative Learning 2013. Workshop on HCI and Learning Sciences.

2012 Bederson, B., **Ahn, J.**, & Wayland, S. (2012). Flipping the Classroom. Led Workshop for HCIL Symposium. College Park, MD.

REPORTS, MONOGRAPHS, REVIEWS, SOFTWARE, DATASETS & OTHER

2016 **Ahn, J.** (forthcoming, 2016). The learning illusion: Virtual charter schools in Ohio and their impact on student achievement. Thomas B. Fordham Institute, Washington, DC.

2015 **Ahn, J.**, Quarles, B., & Beck, A. (2015). K-12 online education: What are the policy implications for Maryland? Maryland Equity Project, College Park, MD.

2014 **Ahn, J.** (2014). Invited Book Review – It’s Complicated: The Social Lives of Networked Teens; The App Generation: How Today’s Youth Navigate Identity, Intimacy, and Imagination in a Digital World, *Journal of Children and Media*, 8(3), 313-316.

Gubbels, M., & **Ahn, J.** (2014). SINQ: Social Media as Scaffolding for Everyday Science Learning, <http://www.cs.umd.edu/hcil/sinq/>

Webster, S., **Ahn, J.**, Butler, B. S. (2014). P2PU Data Hub, Release 1, <http://data.p2pu.org/>

2013 Gubbels, M., Yip, J. C., Kim, J., & **Ahn, J.** (2013). Scientific INquiry (SINQ): Social media for everyday science learning. Finalist in Microsoft Social Media Expo. Fort Worth, TX.

2012 Subramaniam, M., **Ahn, J.**, Waugh, A., & Druin, A. (2012). Sci-fi, storytelling, and new media literacy, *Knowledge Quest*, 41(1), 22-27.

2010 **Ahn, J.** (June 16, 2010). What’s the controversy around cyber charter schools? *Teachers College Record*, New York, NY.

PENDING GRANTS AND WORKS IN PROGRESS

Revise & Resubmit, Under Review **Ahn, J.**, & McEachin, A., Online learning in k-12 education: Examining adoption and consequences in the case of Ohio, Revise & Resubmit in Educational Researcher.

Ahn, J., Beck, A., Rice, J., & Foster, M. Exploring issues of implementation, equity, and student achievement with educational software in the DC Public Schools. Revise & Resubmit in AERA Open.

In Preparation **Ahn, J.**, Pellicone, A., & Waugh, A., Treading pathways in stem learning: Intertwining identities, interests, and literacies, Manuscript in preparation for submission to *Cognition & Instruction*.

Cyberlearning Community Report 2016, National Science Foundation
*Invited to co-author the 2016 national report for NSF Cyberlearning Research

Pending Grant Applications **\$750,000**, *SL-CN: TRICE Network: Teaching and Research in Immersive Classroom Environments*.
National Science Foundation
Role: PI, Collaborators: Benjamin DeVane (University of Iowa), Derek Hansen (Brigham Young University)

TEACHING & MENTORING

Courses Taught

- 2012-2016 **EDCI 288b: Networked Intelligence – Learning, Living, and Connecting Smarter in the Digital Age.** Undergraduate I-series course (special capstone course) that explores the cognitive, social, and societal impacts of social media, the internet, and new forms of technology on learning and education. Enrollment: 60 students, Mode: On Campus
- 2010-2016 **LBSC 642: Integrating Technology into Learning and Teaching.** MA level seminar course that introduces issues related to the effective integration of technology in formal schools and classrooms. Enrollment: 20 students, Mode: On Campus & Online
- 2012-2015 **INST 800: The Engaged Intellectual – An Introduction to Research and Academic Work.** Core PhD course in the College of Information Studies. In this seminar, students explore the issues surrounding academic life with a particular focus on what it means to undertake research, teaching, and service. Enrollment: 10-20 students, Mode: On Campus
- 2014 **EDCI 687: Applications of Computers in Instructional Settings.** Special topics course in the Technology, Learning, and Leadership program in the College of Education. My version of this special topics course focused on “Learning and the Web” and examined the evolution and developments of learning with the Internet and online communities. Enrollment: 10-20 students, Mode: On Campus
- 2011 **EDPS 788: Technology, Policy, and Education Reform.** Advanced seminar course that examined the role of policy and technology on the process of school reform and classroom innovation. Enrollment: 3, Mode: On Campus
- 2011 **LBSC 690: Introduction to Information Technology.** Introduction to information technology, systems, algorithms, and data structures. Enrollment: 30, Mode: On Campus

Major Programs Established

- 2016 (Pending) **Teacher Certification Program for Computer Science Education.** Helped to design and approve a new teacher certification program, to certify K-12 computer science teachers in Maryland.

- 2014 **Masters of Library Science, Specialization in YX (Youth Experience) Design.** Helped plan the creation of a new specialization in YX (Youth Experience Design) for the Masters in Library Science program, in the College of Information Studies.
- 2012 **PhD in Technology, Learning, and Leadership.** Helped to design and establish a new PhD degree program, College of Education, Department of Teaching and Learning, Policy and Leadership that integrated a focus on learning technologies with curriculum, instruction, policy, and leadership.

Advising – Doctoral Students

- 2012-Present **Anthony Pellicone**, College of Information Studies
*Dissertation Chair
- 2014-2016 **Austin Beck**, College of Education
*Academic Advisor between 2014-2016
- 2014-2016 **Bradley Quarles**, College of Education
*Academic Advisor between 2014-2016
- 2011-2016 **Jinyoung Kim**, College of Information Studies
*Dissertation Chair, Graduated 2016

Doctoral Dissertation Committees

- 2016 Kim, Jinyoung, Information practices during life transitions: Korean immigrant women’s everyday life information seeking and acculturation, (2016), Dissertation Chair
- Bonsignore, Elizabeth, Playing for real: Designing alternate reality games in learning contexts, (2016), Dissertation Committee Member
- 2015 Thukral, Hetal, Examining the impact of teacher practice on student learning in interactive radio instruction (IRI) classrooms: Lessons from New Delhi and Rajasthan (India), (2015), Dissertation Committee Member
- 2014 Foss, Elizabeth, Youth internet searching: A longitudinal study, College of Information Studies, (2014), Dissertation Committee Member
- Koepfler, Jessica, Values and self-presentation in online communication by stakeholders related to homelessness, College of Information Studies, (2014), Dissertation Committee Member
- Kurzweil, Dina, A case study of instructional support and educational technology services at the uniformed services university of the health sciences (USUHS), College of Education, (2014), Dissertation Committee Member
- Powers, Elia, How students access, filter, and evaluate digital news: Choices that shape what they consume and the implications for news literacy education, College of Journalism, (2014), Dissertation Committee Member

Yip, Jason, Building a conceptual model of science ownership in design activities, College of Education, (2014), Dissertation Committee Member

2012 Chen, Julian, Language use and perceptions of English as a foreign language (EFL) learners in a task-based class in second life, College of Education, (2012), Dissertation Committee Member

Walsh, Greg, Enabling geographically distributed, intergenerational, co-operative design, College of Information Studies, (2012), Dissertation Committee Member

Doctoral Dissertation Proposal Committees

2016 Ashktorab, Zahra, A Study of Cyberbullying Detection and Mitigation on Instagram, College of Information Studies (2016), Dissertation Proposal Committee Member

Pellicone, Anthony, Performing play: Cultural production on twitch.tv, (2016), Dissertation Proposal Chair

Secules, Stephen, The Cultural Construction of Engineering Ability, College of Education, (2016), Dissertation Proposal Committee Member

2015 Kim, Jinyoung, The Information Landscape of Immigrant Women and the Role of Information and Communication Technologies in Their Information Practices and Acculturation, College of Information Studies, (2015), Dissertation Proposal Chair

2013 Thukral, Hetal, Examining the Impact of Teacher Practice on Student Learning in Interactive Radio Instruction (IRI), College of Education (2013), Classrooms: Lessons from New Delhi and Rajasthan (India), Dissertation Proposal Committee Member

Foss, Elizabeth, Youth internet searching: A longitudinal study, College of Information Studies, (2013), Dissertation Proposal Committee Member

Powers, Elia, How students access, filter, and evaluate digital news: Choices that shape what they consume and the implications for news literacy education, College of Journalism, (2013), Dissertation Proposal Committee Member

2012 Bonsignore, Elizabeth, Design and play in alternate reality games for learning, College of Information Studies, (2012), Dissertation Proposal Committee Member

Koepfler, Jess, Discovering values in online communication: A content analysis of tweets by stakeholders related to homelessness, College of Information Studies, (2012), Dissertation Proposal Committee Member

Kurzweil, Dina, A case study of instructional support and educational technology services at the uniformed services university of the health sciences

(USUSH), College of Education, (2012), Dissertation Proposal Committee Member

Sharp, Steven, Second language teachers acquisition of technological pedagogical and content knowledge through the use of ipads in the classroom, College of Education, (2012), Dissertation Proposal Committee Member

Yip, Jason, Building a conceptual model of science ownership in design activities, College of Education, (2012), Dissertation Proposal Committee Member

2011 Walsh, Greg, Enabling geographically distributed, intergenerational, co-operative design, College of Information Studies, (2011), Dissertation Proposal Committee Member

Chen, Julian, College of Education, (2011), Second life and English language learners, Dissertation Proposal Committee Member

Doctoral Comprehensive Exam & Annual Review Committees

2016 Brenna McNally, 2016, Integrative Paper Committee Member

Leyla Nooroz, 2016, Integrative Paper Committee Member

2015 Kelly Hoffman, 2015, First Year Review Committee Member

Daniel Pauw, 2015, First Year Review Committee Member

2014 Anthony Pellicone, 2014, (chair), Integrative Paper Committee Member

2013 Jinyoung Kim, 2013, (chair), Integrative Paper Committee Member

Anthony Pellicone, 2013, (chair), First Year Review Committee Member

Amanda Waugh, 2013, First Year Review Committee Member

2012 Natalie Greene Taylor, 2012, First Year Review Committee Member

Jinyoung Kim, 2012, (chair), First Year Review Committee Member

Kenyatta Crenshaw, 2012, Comprehensive Exam Committee Member

2011 Jess Koepfler, 2011, Integrative Paper Committee Member

Jeffrey DiScala, 2011, Integrative Paper Committee Member

Julian Chen, 2011, Comprehensive Exam Committee Member

Masters Thesis Committees

- 2015 Sethi, Srishti, Making serendipity stick: Translating short-live online interactions into meaningful relationships, (2015), Masters of Science in Media Arts and Sciences, Massachusetts Institute of Technology, Media Lab, Master's Thesis Committee Member
- 2014 Goldman, Alina, Predicting and motivating achievement in self-paced learning: A formative design, study, and evaluation, (2014), Masters in Human-Computer Interaction, Master's Thesis Committee Member
- Silverstein, Joshua, Parchment to touchscreen: Landscape journey & experience for 21st century learning, (2014), Masters of Landscape Architecture, Master's Thesis Committee Member
- 2012 Zachariah, Raj, Iterative design and usability study for an alternate method for text handling on touch enabled mobile devices, (2012), Masters in Human-Computer Interaction, Master's Thesis Committee Member

SERVICE & OUTREACH

Professional Service & Memberships

- 2016 Co-Author, National Science Foundation Cyberlearning Report 2016
- 2015 Program Committee, National Science Foundation, 2016 Cyberlearning Summit
- 2012-2014 Technology Committee, 2012-2014, American Educational Research Association
- 2011-Present Member, International Society of the Learning Sciences
- 2011-Present Member, Association for Computing Machinery
- 2007-Present Member, American Educational Research Association

Campus Service

At the University of Maryland

- 2016 University Committee, Learning Technologies Working Group, 2015-2016
- Masters of Library Science, YX Specialization Design Committee, 2015-2016, College of Information Studies
- Research Center Directors and Collaboration Committee, 2015-2016, College of Information Studies

College of Education Search Committee, 2015-2016, Four Positions in Education Policy, Teacher Education, Social Studies Education, and Curriculum Theory

Chair, Teaching and Learning, Policy and Leadership Department Website Committee, 2015- 2016, College of Education

Working Group, Teacher Certification for Computer Science Education

2015

University Committee on Blended Learning and MOOCs, 2014-2015

Graduate Research Education Committee, 2014-2015, College of Education

MLS Program Committee, 2014-2015, College of Information Studies

Diversity Committee, 2014-2015, College of Information Studies

Faculty Technology Committee, 2014-2015, College of Education

Website Procurement Committee, 2014-2015, College of Education

2014

University Committee on Blended Learning and MOOCs, 2013-2014

Chair, Teaching and Learning, Policy and Leadership Department Website Committee, 2013- 2014, College of Education

Masters of Library Science Search Committee, 2013-2014, Senior Faculty Search, College of Information Studies

Masters of Library Science Search Committee, 2013-2014, Junior Faculty Search, College of Information Studies

Faculty Technology Committee, 2013-2014, College of Education

UTeach Master Teacher Search Committee, 2013-2014, College of Education

Website Procurement Committee, 2013-2014, College of Education

2013

University Committee on Blended Learning and MOOCs, 2012-2013

PhD Program Committee, 2012-2013, (Designed new PhD specialization in Learning Technologies), College of Education

Digital Learning Subcommittee, 2012-2013, (Designed new technology course for Elementary Teacher Preparation), College of Education

PhD Program Committee, 2012-2013, College of Information Studies

2012-2013, Curriculum Working Group (Designing new course Creating Information Infrastructures), College of Information Studies

- 2012-2013, College of Education: Fulbright Scholars Mentor
- Faculty Technology Committee, 2012-2013, College of Education
- 2012 PhD Program Redesign Committee, 2011-2012, College of Education
- PhD Program Committee, 2011-2012, College of Information Studies
- Research Committee, 2011-2012, College of Information Studies
- 2011-2012, College of Information Studies: Future of the Past Research Group
- 2011-2012, College of Information Studies: iLab School Research Group
- College of Education: Faculty Technology Committee, 2011-2012
- 2011 University Blended Learning Committee, 2010-2011
- NCATE Accreditation Committee, 2010-2011, College of Information Studies
- Research Committee, 2010-2011, College of Information Studies
- PhD Committee, 2010-2011, College of Information Studies
- 2010-2011, College of Information Studies: iLab Research Group
- Faculty Technology Committee, 2010-2011, College of Education

External Service & Consulting

- 2015-Present Board of Directors, Peer 2 Peer University
- 2015-Present Advisory Board, Computer Science Matters-Maryland
- 2012-Present Researcher-Practitioner Partnership to evaluate the district blended learning initiatives, Washington DC Public Schools, 2012-Present
- 2014-2019 Consultant to evaluate public school district's initiatives to expand online and blended learning to K-12 students, Mentor Public School District, 2014-2019, Mentor, OH
- 2013-2014 Consultant on national think-tank report regarding the impact of online learning in K-12 Education, Thomas B. Fordham Institute, 2013-2014, state of Ohio

Editorships, Editorial Boards, and Reviewing Activities

- 2015 Editor, The Information Society, Special Issue on Connecting Fields: Information, Learning Sciences, and Education

2013-Present Reviewer, American Educational Research Journal

2013-Present Reviewer, Journal of the Learning Sciences

2011-Present Reviewer, Educational Evaluation and Policy Analysis

2011-Present Reviewer, Educational Researcher,

2015-Present Reviewer, Cognition & Instruction

2011-Present Reviewer, First Monday

2011-Present Reviewer, Journal of the American Society for Information Science & Technology

2014 Reviewer, Journal of Computer Assisted Learning

2012 Reviewer, Journal of Adolescence

2011-Present Reviewer, Teachers College Record,

2011 Reviewer, Communication Theory

2011 Reviewer, Education Policy Analysis Archives,

2011 Reviewer, Journal of Computer Mediated Communication

Reviewing Activities for Agencies and Foundations

2016 Panel Reviewer, National Science Foundation

2015 Panel Reviewer, National Science Foundation

2013 Panel Reviewer, National Science Foundation

2012 Panel Reviewer, National Science Foundation

2011 Panel Reviewer, National Science Foundation

Reviewing Activities for Conferences

2016 Associate Chair (Program Committee), ACM Human Factors in Computing Systems-CHI

2012-Present Reviewer, Computer Supported Collaborative Learning

2012-Present Reviewer, Computer Supported Cooperative Work and Social Media

2012-Present Reviewer, Interaction Design & Children

2012-Present Reviewer, International Conference of the Learning Sciences

- 2011-Present Reviewer, ASIS&T
- 2011-Present Reviewer, iConference
- 2011-Present Reviewer, SIGCHI
- 2007-Present Reviewer, American Educational Research Association
- 2012-2013 Reviewer, ASIS&T SIGUSE Awards

Media Contributions & Mentions

- 2015 Center for Innovative Research in Cyberlearning (CIRCL), Perspective: June Ahn <http://circlcenter.org/meet-june-ahn/>

 Kojo Nnamdi Show: Technology and Education, WAMU 88.5, Appeared on an expert panel for a show on Technology and Education, <http://thekojonnamdishow.org/shows/2015-02-24/tt-technology-and-education>

 College researchers design, develop alternate-reality game, The Diamondback: University of Maryland Independent Newspaper, Research project featured., http://www.diamondbackonline.com/news/article_2549997e-b245-11e4-8935-8fd7bfafa39b.html
- 2014 Science ‘superheroes’ seek to spark youth interest, The Diamondback: University of Maryland Independent Newspaper, Research project featured., http://www.diamondbackonline.com/news/article_3028df3c-92e1-11e3-9a57-0017a43b2370.html

 UMD Project Helps D.C. Students Build "Sci-Dentities", UMD Right Now, Research project featured., <http://www.umdrightnow.umd.edu/news/umd-project-helps-dc-students-build-sci-dentities>
- 2013 Fearless Ideas Campaign, University of Maryland, Featured in the 2013, Fearless Ideas ad campaign in the Washington Post

 Inside News Corp’s \$540 Million Bet on American Classrooms, Mashable.com, Quoted in August 29, 2013 for article, <http://mashable.com/2013/08/29/news-corp-education-tablets/>