

## CURRICULUM VITAE

Notarization: I have read the following and certify that this curriculum vitae is a current and an accurate statement of my professional record.

Signature: 

Date: June 29, 2023

### 1. PERSONAL INFORMATION

Name: Mega Subramaniam  
 Current Rank: Professor, College of Information Studies, University of Maryland  
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### ACADEMIC BACKGROUND

Ph.D.	Information Studies, Florida State University, College of Information	2007
M.S.	Education (Instructional Systems Technology), Indiana University, College of Education	1998
B.S.	Education (Computing and Mathematics), Universiti Teknologi Malaysia, Faculty of Education	1996

### PROFESSIONAL WORK EXPERIENCE

Since 08/21	Professor of Information Studies, College of Information Studies, University of Maryland, College Park, MD.
Since 07/21	Associate Dean for Faculty, College of Information Studies, University of Maryland, College Park, MD.
Since 08/18	Co-Director, Youth Experience Lab, College of Information Studies, University of Maryland, College Park, MD.
08/17-05/20	Director, Youth Experience specialization in the MLIS program, College of Information Studies, University of Maryland, College Park, MD.
08/17-05/19	Director, Graduate Certificate in Professional Studies in Youth Experience, College of Information Studies, University of Maryland, College Park, MD.
08/15-07/21	Associate Professor, College of Information Studies, University of Maryland, College Park, MD.
08/11-07/18	Associate Director, Information Policy and Access Center (iPAC), University of Maryland, College Park, MD.
08/11-05/12	Coordinator, School Library Specialization in the MLIS program, College of Information Studies, University of Maryland, College Park, MD.
08/09-07/15	Assistant Professor, College of Information Studies, University of Maryland, College Park, MD.

- 01/08-12/08 Visiting Instructor, College of Information, Florida State University, Tallahassee, FL.
- 06/08-08/08 Lecturer, School of Library and Information Studies, University of Wisconsin, Madison, WI.
- 01/07-05/07 Research Associate, Information Use Management and Policy Institute, College of Information, Florida State University, Tallahassee, FL.
- 05/06-08/06 Online Course Developer, College of Information Studies, Florida State University, Tallahassee, FL.
- 08/04-12/06 Instructor, College of Information Studies, Florida State University, Tallahassee, FL.
- 01/03-07/04 Graduate Teaching Assistant, College of Information, Florida State University, Tallahassee, FL.
- 01/03-12/03 Research Associate, Information Use Management and Policy Institute, College of Information, Florida State University, Tallahassee, FL.
- 01/99-08/02 Lecturer/Instructional Designer, Department of Educational Multimedia, Universiti Teknologi Malaysia, Skudai, Malaysia.
- 05/98-12/98 Information Architect - Intern, Center for Excellence in Distance Learning, Lucent Technologies, Cincinnati, OH.
- 05/98-12/98 Network Operations Support Specialist, Virtual Indiana Classroom, Indiana University, Bloomington, IN.
- 06/96-08/97 Assistant Lecturer, Department of Educational Technology & Computers, Universiti Teknologi Malaysia, Skudai, Malaysia.

## 2. RESEARCH, SCHOLARLY, AND CREATIVE ACTIVITIES <sup>a b c d</sup>

### A. BOOKS

- [B1] Thompson, K. M., Jaeger, P. T., \*Taylor, N. G., **Subramaniam, M.**, & Bertot, J. C. (2014). *Digital literacy and digital inclusion: Information policy and the public library*. Lanham, MD: Rowman & Littlefield. [ISBN: 9780810892712]

<sup>a</sup> My name "Subramaniam" has been formatted in bold in the publications section to help the reader more easily identify where my name is in the citation for each publication.

- If I am the first of multiple authors, I wrote the majority of it and edited the material for publication.
- If I am the second author, this indicates I played a significant role in developing, writing, and supervising the research study, as well as editing the material for publication.
- If I am third-author or lower, this indicates I played a subsidiary but important role in developing the research for, writing, and editing the publication.

I have actively worked on every publication that includes my name as one of the authors.

<sup>b</sup> Co-authors noted whose names have an \* indicate that the co-author was a student that I was mentoring when working on the publication.

<sup>c</sup> For ease of reference, books, articles, book reviews, invited talks, refereed conference materials etc. have been numbered in their respective sections. As such, the first book is designated B1, the first article is designated A1, and so forth.

<sup>d</sup> For refereed articles in journals that are assigned an impact by Journal Citation Reports (JCR), the impact factor of the journal for the year in which the paper was published are listed in brackets at the end of the citation

- [B2] Aris, B., Sharifuddin, R., & **Subramaniam, M.** (2008). *Instructional Design Methods (Reka Bentuk Perisian Multimedia)*. Universiti Teknologi Malaysia Press: Johor Bahru, Malaysia. A college level book on instructional design principles – available in English and Malay language. [ISBN 983-52-0286-9]
- [B3] Aris, B., Sharifuddin, R., & **Subramaniam, M.** (2002). *Kaedah Mengajar Sains Komputer*. Universiti Teknologi Malaysia Press: Johor Bahru, Malaysia. A college level book on using computers to teach at middle and high school level – available in Malay language.

## B. CHAPTERS

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### i. Books

- [C1] **Subramaniam, M.** & Clegg, T. (2021). Designing learning experiences with and for families. In M. Lopez, B. Mehra & M. Caspe, (Eds.), *A librarian's guide to engaging families in learning*. Santa Barbara, California: ABC-CLIO.
- [C2] Clegg, T. & **Subramaniam, M.** (2019). Redefining mentorship in facilitating interest-driven learning in libraries. In V. Lee & A. Phillips, (Eds.), *Reconceptualizing libraries: Opportunities from the learning and information sciences*. Abingdon: Routledge.
- [C3] \*Waugh, A. & **Subramaniam, M.** (2018). Interview and focus group research. In R.V. Small & M. A. Mardis, (Eds.), *Research Methods for Librarians and Educators: Practical Applications in Formal and Informal Learning Environments*. Santa Barbara, CA: Libraries Unlimited.
- [C4] \*Moeller, R., \*Bastiansen, C., \*Gates, L., & **Subramaniam, M.** (2015). Universally accessible Makerspace recommendation to the District of Columbia Public Library. In B. Wentz, P. T. Jaeger, & J. C. Bertot (Eds.), *Accessibility for persons with disabilities and the inclusive future of libraries* (33-50). United Kingdom: Emerald Group Publishing Limited.

### ii. Other

- [C5] **Subramaniam, M.** (2011). The 21<sup>st</sup>-century learning lab in the K-12 school: The school library. In K. Fonticharo & B. Hamilton (Eds.), *School libraries: What's now, what's next, what's yet to come?* (23-25). Smashwords. Available at: <http://www.smashwords.com/extreader/read/96705/1/school-libraries-whats-now-whats-next-whats-yet-to-come>

**C. ARTICLES IN REFEREED JOURNALS** <sup>d</sup>

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- [A1] \*Koren, N., Weintrop, D., & **Subramaniam, M.** (2023). Using design-based implementation research approach to create computational thinking assessment tools for youth programs in public libraries. *Library and Information Science Research*. 45(2). [Impact factor: 1.485]
- [A2] Weintrop, D., **Subramaniam, M.**, \*Morehouse, S. & \*Koren, N. (2022). The state of computational thinking in libraries. *Technology, Knowledge, and Learning*. [Impact factor: 3.35]
- [A3] **Subramaniam, M.**, \*Koren, N., \*Morehouse, S. & Weintrop, D. (2022). Capturing Computational thinking in public libraries: An examination of assessment strategies, audience, and mindset. *Journal of Librarianship and Information Science*. [Impact factor: 1.992]
- [A4] **Subramaniam, M.**, \*Hoffman, K.M., Davis, K. & \*Pitt, C. (2021). Designing a connected learning toolkit for public library staff serving youth through the design-based implementation research method. *Library and Information Science Research*. 43(1). [Impact factor: 1.485]
- [A5] Weintrop, D., \*Morehouse, S. & **Subramaniam, M.** (2021). Assessing computational thinking in libraries. *Computer Science Education*. 31(2), 290-311 [Impact factor: 1.810]
- [A6] \*Kumar, P., **Subramaniam, M.**, Vitak, J., Clegg, T., & Chetty, M. (2020). Strengthening children's privacy through contextual integrity. *Media and Communication*. 8(4), 175-184. Available as open access: <https://www.cogitatiopress.com/mediaandcommunication/article/view/3236> [Impact factor: 1.400]
- [A7] **Subramaniam, M.**, Pang, N., \*Morehouse, S. & \*Asgarali-Hoffman, S.N. (2020). Examining vulnerability in youth digital information practices scholarship: What are we missing or exhausting? *Children and Youth Services Review*. 116, [12 pages] [Impact factor: 1.521]. [Winner of the ALISE/Bohdan S. Wynar Research Paper Competition].
- [A8] **Subramaniam, M.**, \*Scaff, L., \*Kawas, S., \*Hoffman, K. M., & Davis, K. (2018). Using technology to support equity and inclusion in youth library programming: Current practices and future opportunities. *Library Quarterly*. 88(4), 1-17. Available as open access: <https://www.journals.uchicago.edu/doi/pdfplus/10.1086/699267> [Impact factor: 0.558]
- [A9] St. Jean, B., \*Taylor, N. G., \*Kodama, C., & **Subramaniam, M.** (2018). Assessing the health information source perceptions of tweens using card-sorting exercises. *Journal of Information Science*. 44(2), 148-164. [Impact factor: 0.878]
- [A10] Tuamsuk, K. & **Subramaniam, M.** (2017). The current state and influential factors in the development of digital literacy in Thailand's higher education. *Information and Learning Sciences*. 118(5/6), 235-251.

- [A11] \*Kodama, C., St. Jean, B., **Subramaniam, M.**, & \*Taylor, N. G. (2017). There's a creepy guy on the other end at Google!: Engaging middle school students in a drawing activity to elicit their mental models of Google. *Information Retrieval Journal*. 20(5), 403-432. Available as open access: <https://link.springer.com/article/10.1007/s10791-017-9306-x> [Impact factor: 0.896]
- [A12] St. Jean, B., \*Taylor, N. G., \*Kodama, C., & **Subramaniam, M.** (2017). Assessing the digital health literacy skills of tween participants in a school-library based after-school program. *Journal of Consumer Health on the Internet*. 21(1), 40-61. [Impact factor: 0.78]
- [A13] **Subramaniam, M.** (2016). Designing the library of the future for and with teens: Librarians as the "connector" in connected learning. *Journal of Research on Libraries and Young Adults*, 7(2), Available: <http://www.yalsa.ala.org/jrlya/2016/06/designing-the-library-of-the-future-for-and-with-teens-librarians-as-the-connector-in-connected-learning/> [18 pages] [Winner of the 2015 YALSA Midwinter Paper presentation – see IT9]
- [A14] **Subramaniam, M.**, St. Jean, B., \*Taylor, N. G., \*Kodama, C., \*Follman, R., & Casciotti, D. (2015). Bit by bit: Using design-based research to improve young peoples' health literacy. *Journal of Medical Internet Research Protocols*, 4(2), paper e62. Available: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4464334/> [24 pages] [Impact factor: 4.532] [Winner of the ALISE-LMC Best Paper Award, ALISE & Libraries Unlimited].
- [A15] St. Jean, B., **Subramaniam, M.**, \*Taylor, N. G., \*Follman, R., \*Kodama, C., & Casciotti, D. (2015). The influence of positive hypothesis testing on youths' online health-related information seeking. *New Library World*, 116(3/4), 136-154.
- [A16] **Subramaniam, M.** (2015). New territory for school library research: Let the data speak. *Knowledge Quest*, 43(3), 16-19. [Invited – Editor-reviewed]
- [A17] \*Taylor, N. G., **Subramaniam, M.**, & \*Waugh, A. (2015). The school librarian as the learning alchemist: Transforming the future of education. *American Libraries*, 46(3/4), 38-40. [Invited – Editor-reviewed]
- [A18] **Subramaniam, M.** \*Taylor, N. G., St. Jean, B., \*Follman, R., \*Kodama, C., & Casciotti, D. (2015). As simple as that?: Tween credibility assessment in a complex online world. *Journal of Documentation*, 71(3), 550-571. [Impact factor: 1.138] [Winner of the ALA LRRT/Beta Phi Mu Best Research Paper Award]
- [A19] \*Brady, T., \*Salas, C., \*Nuriddin, A., \*Rodgers, W., & **Subramaniam, M.** (2014). MakeAbility: Creating accessible Makerspace events in the public library. *Public Library Quarterly*, 33(4), 330-347.
- [A20] Thompson, K. M., Jaeger, P. T., \*Taylor, N. G., **Subramaniam, M.**, & Bertot, J. C. (2014). The policy gap. *Library Journal*. Available at: <http://www.thedigitalshift.com/2014/09/digital-divide/policy-gap-digital-shift/> [Invited]

- [A21] \*Valdivia, C. & **Subramaniam, M.** (2014). Connected learning in the public library: an evaluative framework for developing virtual learning spaces for youth. *Public Library Quarterly*, 33(2). 163-185.
- [A22] **Subramaniam, M.** & Edwards, A. (2014). The Collaboration conundrum between school librarians and mathematics teachers. *International Journal of Libraries and Information Services (LIBRI)*, 64(2). 185-209. [Impact factor: 0.386]
- [A23] **Subramaniam, M.**, Ahn, J., \*Waugh, A., \*Taylor, N. G., Druin, A., Fleischmann, K., & Walsh, G. (2013). The role of school librarians in enhancing science learning. *Journal of Librarianship and Information Science*. 47(1). 3-16. [Impact factor: 0.286] [14 pages] [Recognized as ALA LIRT Top Twenty Papers for 2015]
- [A24] \*Langa, L. A., Monaco, P., **Subramaniam, M.**, Jaeger, P. T., \*Shanahan, K., & Ziebarth, B. (2013). Improving the museum experiences of children with Autism Spectrum Disorders and their families. *Curator: The Museum Journal*, 56(3). 323-335.
- [A25] **Subramaniam, M.**, Ahn, J., \*Waugh, A., \*Taylor, N. G., Druin, A., Fleischmann, K., & Walsh, G. (2013). Crosswalk between the framework for K-12 science education and Standards for the 21<sup>st</sup> century learner: School librarians as the crucial link. *School Library Research*, 16. Available at: <http://ter.ps/2r1> [44 pages] [Recognized as ALA LIRT Top Twenty Papers for 2013]
- [A26] **Subramaniam, M.**, \*Oxley, R., & \*Kodama, C. (2013). School librarians as ambassadors of inclusive information access for students with disabilities. *School Library Research*, 16. Available at: <http://ter.ps/22z> [57 pages]
- [A27] **Subramaniam, M.**, Ahn, J., Fleischmann, K., & Druin, A. (2012). Reimagining the role of school libraries in STEM education: Creating hybrid spaces for exploration. *Library Quarterly*, 82(2), 161-182. [Impact factor: 0.651]
- [A28] **Subramaniam, M.**, Ahn, J., \*Waugh, A., & Druin, A. (2012). Sci-fi, storytelling, and new media literacy. *Knowledge Quest*, 41(1), 22-26. [Invited – Editor-reviewed]
- [A29] Jaeger, P. T., **Subramaniam, M.**, Jones, C. B., & Bertot, J. C. (2011). Diversity and LIS education: Inclusion and the age of information. *Journal of Education for Library and Information Science*, 52, 166-183.
- [A30] \*DiScala, J. & **Subramaniam, M.** (2011). Evidence-based practice: A practice towards leadership credibility among school librarians. *School Libraries Worldwide*, 17(2), 59-70.
- [A31] **Subramaniam, M.** & Jaeger, P. T. (2011). Weaving diversity into LIS: An Examination of diversity course offerings in iSchool programs. *Education for Information*, 28(1), 1-19.
- [A32] **Subramaniam, M.** & Jaeger, P. (2010). Modeling inclusive practice?: Attracting diverse faculty and future faculty to the information workforce. *Library Trends*, 59(1), 109-127. [Impact factor: 0.667]

- [A33] Bonnici, L., **Subramaniam, M.**, & Burnett, K. (2009). Everything old is new again: The evolution of library and information science education from LIS to iField. *Journal of Education for Library and Information Science*, 50(4), 263-274. [Winner of ALISE Best Paper Award]
- [A34] Burnett, K., **Subramaniam, M.** & Gibson, A. (2009). Latina cross the IT border: Understanding gender as a boundary object between information worlds. *First Monday*, 14(9). Available at: <https://firstmonday.org/ojs/index.php/fm/article/view/2581/2286>
- [A35] **Subramaniam, M.** & Burnett, K. (2006). What's the matter with the information technology workforce? *First Monday*, 11(5). Available at: <https://firstmonday.org/ojs/index.php/fm/article/view/1328/1248>

**D. REPORTS AND WHITE PAPERS**

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- [R1] \*Harding, A., \*Behre, J., Mundlye, P. & **Subramaniam, M.** (2023). Digital literacy summit summary. College Park, MD: University of Maryland. Available at: <https://go.umd.edu/DigitalLitSummit>
- [R2] \*Harding, A., \*Behre, J., **Subramaniam, M.**, Mundlye, P. (2022). Digital literacy in Maryland: Programming landscape, and barriers and opportunities to program implementation. College Park, MD: University of Maryland. Available at: <https://go.umd.edu/DigitalLitExecSummary>
- [R3] **Subramaniam, M.**, Braun, L.W., \*Asgarali-Hoffman, S.N., \*Jordan-Stovall, K. & Kodama, C. (2021). Library staff as public servants: A field guide for preparing to support communities in crisis. College Park, MD: University of Maryland. Available at: <https://yxlab.ischool.umd.edu/wp-content/uploads/2021/02/Field-Guide-2021-Final.pdf>
- [R4] **Subramaniam, M.**, \*Kodama, C., Baylen, D.M., Burton, M., Fabicon, J.K., Hincks, K., Moniz, R., Smith, D., & Visser, M. (2019). Computational thinking in libraries: Case studies of youth programs in action. Washington, D.C: The American Library Association's Office for Information Technology Policy. Available at: [http://www.ala.org/advocacy/sites/ala.org.advocacy/files/content/tools/RtC\\_Case\\_Studies\\_FINAL2.pdf](http://www.ala.org/advocacy/sites/ala.org.advocacy/files/content/tools/RtC_Case_Studies_FINAL2.pdf)
- [R5] Allen, S., Becerra-Licha, S., Bicknell, K., Chapman, J., Duplisea, G., Eisendrath, M.A., Filapek, J., Hebbard, J.L., Himphill, J., Inscho, J., Irwin, S., Joffrion, E., Baltzer Kom, S., Levine, M., Newton, C.E., **Subramaniam, M.**, Watkinson, G., & Wegener, G. (2017). *Collective wisdom: An exploration of library, archives, and museum culture*. Dublin: Ohio: OCLC Research. Available at: <https://www.oclc.org/content/dam/research/publications/2017/collective-wisdom-white-paper.pdf>
- [R6] \*Hoffman, K. M., **Subramaniam, M.**, \*Kawas, S., \*Scaff, L., & Davis, K. (2016). *Connected libraries: Surveying the current landscape and charting a path to the future*. College Park, MD; Seattle, WA: The ConnectedLib Project. Available at: <http://go.umd.edu/5fh>
- [R7] **Subramaniam, M.**, \*Valdivia, C., \*Pellicone, A., \*Neigh, Z. & \*Lowman, M. (2013). *Safe space and knowledge recovery: A guidebook to virtual space for Junior Ranger tweens* for the National Park Service. Available at: <http://ter.ps/3vh>
- [R8] **Subramaniam, M.** & Hill, R. F. (2011). *Diverse populations, information and library education: A guide to successful mentoring relationships* for the Information Diverse Populations Specialization IMLS Scholars. Available at: <http://ter.ps/divmentoring>



## E. INVITED ARTICLES OR REPORTS

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- [IA1] Davis, K. & **Subramaniam, M.** (2022). Guest editorial: Beyond digital youth: understanding, supporting, and designing for young people's digital experiences. *Information and Learning Sciences*. 123(7/8), 317-329. [Impact factor: 1.495]
- [IA2] Braun, L.W., **Subramaniam, M.**, \*Jordan-Stovall, K. & \*Asgarali-Hoffman, S.N. (2021). Serving your community during a crisis: It doesn't require doing more, it requires doing different. *Public Libraries Magazine*. 60(1), 42-50.
- [IA3] **Subramaniam, M.** & Braun, L.W. (2021). Crisis-related research in service to practice: Researchers step up. *Library Quarterly*, 91(1), 5-18. [Impact factor: 1.895]
- [IA4] Braun, L.W. & **Subramaniam, M.** (2020). The right and wrong way to make decisions in a crisis. *School Library Journal*. Available at: <https://www.slj.com/?detailStory=the-right-and-wrong-way-to-make-decisions-in-a-crisis-reimagining-public-libraries-covid>
- [IA5] **Subramaniam, M.** & Braun, L.W. (2020). Wake up, Libraries – Curbside pick-up is not the answer. *School Library Journal*. Available at: <https://www.slj.com/?detailStory=wake-up-libraries-curbside-pickup-is-not-the-answer-reimagining-public-libraries-youth-services>
- [IA6] Braun, L.W. & **Subramaniam, M.** (2020). Retire those legacy approaches. It's time to be bold and innovative. *School Library Journal*. Available at: <https://www.slj.com/?detailStory=retire-those-legacy-approaches-its-time-to-be-bold-and-innovative-reimagining-libraries>
- [IA7] **Subramaniam, M.** & Braun, L.W. (2020). COVID-19 is an opportunity to rethink youth librarianship: Reimagining libraries. *School Library Journal*. Available at: <https://www.slj.com/?detailStory=covid-19-is-an-opportunity-to-rethink-youth-librarianship-reimagining-libraries>
- [IA8] **Subramaniam, M.** (2018). Lead in school: Should you be worried? *Health and Wellness Issues: Understanding Science, Society and Yourself*. Available at: [healthandwellness.abc-clio.com](http://healthandwellness.abc-clio.com)
- [IA9] **Subramaniam, M.** (2018). Who else knows about your health? *Health and Wellness Issues: Understanding Science, Society and Yourself*. Available at: [healthandwellness.abc-clio.com](http://healthandwellness.abc-clio.com)
- [IA10] **Subramaniam, M.** (2017). Owning Your Health with New Technologies. *Health and Wellness Issues: Understanding Science, Society and Yourself*. Available at: [healthandwellness.abc-clio.com](http://healthandwellness.abc-clio.com)
- [IA11] **Subramaniam, M.** (2014). Librarians: a vital cyber resource. *UK Center for Education Research and Practice Perspectives*, Available at: <https://cerp.aqa.org.uk/perspectives/librarians-vital-cyber-resource>
- [IA12] Lazar, J., **Subramaniam, M.**, Jaeger, P. T., Bertot, J. C. (2014). HCI public policy issues in public libraries and school libraries in the United States. *Interactions*, 21(5), 78-81.
- [IA13] Jaeger, P. T., Bertot, J. C., & **Subramaniam, M.** (2013). Introduction to the special issue on diversity and library and information science education. *Library Quarterly*, 83(3), 201-203. [Impact factor: 0.743]

[IA14] Jaeger, P. T., Bertot, J. C., & **Subramaniam, M.** (2013). Preparing future librarians to effectively serve their communities. *Library Quarterly*, 83(3), 243-248. [Impact factor: 0.743]

[IA15] Bonnici, L. & **Subramaniam, M.** (2010). Integrating social theories into LIS research. *Journal of Education for Library and Information Science*, 51(1), 1-2.

## **F. BOOK REVIEWS**

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[BR1] **Subramaniam, M.** (2009). [Review of the book *Women and Information Technology: Research on Underrepresentation* edited by J. McGrath Cohoon & William Aspray]. *Library Quarterly*, 79(2), 275-278.

**G. TALKS, ABSTRACTS, AND OTHER PROFESSIONAL PAPERS PRESENTED****(a) Invited Talks and Presentations – External (Keynote, Distinguished Lecture, Special Presentation, Highlighted program)**

- [IT1] **Subramaniam, M.** (2022). Bringing library services to the community: Where are we at? *International Association for School Librarians Conference*, Columbia, SC. [Jean A. Lowrie keynote].
- [IT2] **Subramaniam, M.** (2021). Media mentorship: Digital privacy literacy. *Maryland Media Mentorship Forum and Workshop*, Online. [Closing keynote].
- [IT3] **Subramaniam, M.** (2020). In librarians we trust: Facilitating digital literacy learning in libraries. *MD Tech Connect*, Online. [Closing keynote].
- [IT4] **Subramaniam, M.** (2018). Computational thinking in higher education: The role of academic libraries. *UMD Libraries Research and Innovative Practice Forum*, College Park, MD. [Opening keynote].
- [IT5] **Subramaniam, M.** (2018). Libraries as a player in computational thinking: Why should we care?. *Code4Lib*, Washington, D.C. [Closing keynote].
- [IT6] **Subramaniam, M.**, \*McDonald, R., \*Ilardi, J. & \*Lake, S. (2017). Transforming teen services: The future of the past. *Transforming Teen Services Through Continuing Education Summit*, Louisville, Kentucky. [One of four keynotes presented with the students from the YX certificate program]
- [IT7] **Subramaniam, M.** (2017). Learning in libraries: Trends in emerging literacy development. *11<sup>th</sup> International Symposium on Library Services for Children and Young Adults*, Seoul, Korea. [One of four distinguished lecture selected by the President of South Korea's National Library for Children and Young Adults].
- [IT8] **Subramaniam, M.** (2016). Translating numbers into information: The promise of learning analytics. *International Colloquium of Information Architecture and Multimodality*, Brasilia, Brazil. [Opening keynote]
- [IT9] Feldman, S., McDonald, N., Sanders, J., & **Subramaniam, M.** (2015). Kids, learning, and technology: Libraries as 21st century creative spaces. A special panel organized by the American Library Association (ALA) Washington Office and U.S. Representative Marcia Fudge (D-Ohio). Capitol Hill, Washington D.C. [By invitation from U.S. Representative Marcia Fudge (D-Ohio) and ALA President, Sari Feldman.]
- [IT10] **Subramaniam, M.** (2015). Teach me or trust me: How do parents and children navigate social media use?, Keynote at the Fourth Annual Meeting House Symposium, New York City, New York.
- [IT11] **Subramaniam, M.** (2015). Teen digital natives: Universal truth or limited reality, Distinguished Lecture at the Center for Digital Literacy, Syracuse University. [One lecture selected annually]

- [IT12] **Subramaniam, M.** (2015). Designing the library of the future for and with teens: Librarians as the "Connector" in connected learning. Special lecture for *Young Adults Library Services Association's trends impacting young adult services event at the 2014 American Library Association Midwinter Meeting*, Chicago, Illinois. [One lecture selected annually – see A1]
- [IT13] **Subramaniam, M.** (2014). Changing lives through informal learning. *Webinar Series for School Library Month*. American Association of School Librarians. [One of four special webinars offered for School Library Month in 2014]
- [IT14] **Subramaniam, M.** (2014). Empowering the digital youth: Meeting the ever expanding ecology of literacy. Presentation at the *2014 Texas Library Association Annual Conference*, San Antonio, Texas. [Selected as President's program]

#### **(b) Invited Talks and Presentations – External (Others)**

- [IT15] **Subramaniam, M.**, Tesfalidet, I. & Kim, J. (2023). Digital Inclusion: Case Studies and Practices. Rural Maryland Council Symposium.
- [IT16] **Subramaniam, M.** & Tesfalidet, I. (2023). Marylanders Online. Maryland Public Library Administrators Meeting.
- [IT17] **Subramaniam, M.**, Weintrop, D., & \*Koren, N. (2023). Assessing Computational Thinking in Libraries: Tools, Best Practices, and Impact Stories. Maryland Library Association/Delaware Library Association 2023 Conference.
- [IT18] Chow, A., Christensen, J., Hoffman, D. & **Subramaniam, M.** (2022). Core Library and Information Science: Library, archives, and records. *Information Summit*.
- [IT19] **Subramaniam, M.**, Neitzey, C. Sexton, L. & Wanakule, P. (2021). Engaging out-of-school leaders in cultivating interest and competencies in computing. *National Academy of Sciences, Engineering, and Medicine webinar*.
- [IT20] Means, B., Lee, V. & **Subramaniam, M.** (2021). The role of authentic STEM learning experiences in developing interest and competencies for technology and computing. *American Educational Research Association special program*.
- [IT21] **Subramaniam, M.** (2021). Moving beyond attendance data: Rethinking assessments based on outcomes. *Office of the Commonwealth of Pennsylvania Libraries*.
- [IT22] Means, B., Goode, J. & **Subramaniam, M.** (2021). The role of authentic STEM learning experiences in developing interest and competencies for technology and computing. *National Academy of Sciences, Engineering, and Medicine webinar*.
- [IT23] **Subramaniam, M.** (2020). Design thinking in libraries. *University of Michigan and the Library of Michigan webinar series*.

- [IT24] **Davis, K. & Subramaniam, M.** (2019). The ConnectedLib Toolkit: Supporting Connected Learning for Youth in Libraries. *WebJunction webinar*.
- [IT25] Folk, A., Albright, K., Blakesly, B., **Subramaniam, M.** & Troot, B. (2019). Bridging LIS research and practice: A panel discussion with journal editors. *Panel presentation at the 2019 ALA Annual Conference, Washington, D.C.*
- [IT26] **Subramaniam, M.**, Baylen, D.M., Burton, M., Fabicon, J.K., Hincks, K., Moniz, R., Smith, D., & Visser, M. (2019). #ReadytoCode hands-on open forum meeting. *Presentation at the 2019 ALA Annual Conference, Washington, D.C.*
- [IT27] **Subramaniam, M.** (2019). ConnectedLib: An online toolkit to support connected learning in libraries. Presentation to the SLIS797 course students (Management of Public Library Youth Services), University of South Carolina, Columbia, South Carolina.
- [IT28] **Subramaniam, M.** (2019). ConnectedLib: An online toolkit to support connected learning in libraries. Presentation to the INSC593 course students (Seminar in Youth Informatics), University of Tennessee, Knoxville, Tennessee.
- [IT29] **Subramaniam, M.** & \*Hoffman, K.H. (2019). Assessment and outcomes in youth-services programming. *Presentation to the Maryland Youth Services Group, Frederick, Maryland.*
- [IT30] **Subramaniam, M.** & \*Romeijn-Stout, J. (2019). ConnectedLib: An online toolkit to support connected learning in libraries. Presentation at the 2019 ALA *Midwinter Meeting, Seattle, Washington.*
- [IT31] **Subramaniam, M.** & Bonsignore, B. (2018). What's next?: Participatory Design. *Presentation at the Maryland State Library's What's Next Talk Series, Laurel, Maryland.*
- [IT32] **Subramaniam, M.** (2018). Re-inventing the library for youth learning. *Presentation at the University of Buffalo's Graduate School of Education Colloquium Series, Buffalo, New York.*
- [IT33] **Subramaniam, M.**, Penuel, B., \*VanHorne, K., & \*Chang-Order, J. (2018). Connected learning in libraries – New research and resources to help develop, implement, and evaluate. Presentation at the 2018 ALA *Midwinter Meeting, Denver, Colorado.*
- [IT34] Braun, L., Hughes-Hassell, S., **Subramaniam, M.** (2018). Incorporating the teen services competencies for library staff and curricula. Presentation at the 2018 ALA *Midwinter Meeting, Denver, Colorado.*
- [IT35] \*Lake, S., \*Thompson, H., \*Ogawa, T., Braun, L. & **Subramaniam, M.** (2018). Confidence and facilitation is the key: Infusing technology into youth programs. Presentation at the 2018 ALA *Midwinter Meeting, Denver, Colorado.*
- [IT36] St. Jean, B., \*Taylor, N., **Subramaniam, M.**, \*Kodama, C., & Casciotti, D. (2017). Partnering with school librarians: Impacts of the HackHealth program. Presentation at the Mortenson Center for International Library Programs, Urbana-Champaign, Illinois.

- [IT37] **Subramaniam, M.** (2017). The Future is digital literacy. Presentation at the Department of Information Studies, *Khon Kaen University*, Khon Kaen, Thailand.
- [IT38] **Subramaniam, M.** (2017). The conundrum of the post-truth world: What's legit? What's fake? What's in-between? Presentation at *Maryland Literacy Summit*, Linthicum Heights, MD.
- [IT39] **Subramaniam, M.** (2017). Transforming school librarianship: One step at a time. Presentation at *Syracuse University's School of Information Studies Colloquium*, Syracuse, NY.
- [IT40] Everhart, N., Harvey, C. & **Subramaniam, M.** (2016). The write stuff: Insider publishing tips from editors of peer-reviewed and practitioner journals. Presentation at the 2016 *ALA Annual Meeting*, Orlando, Florida.
- [IT41] \*Waugh, A. & **Subramaniam, M.** (2016). Twig to tree: Creativity, STEM, and the connected school library. *American Association of School Librarians Webinar*. Available at: <http://www.ala.org/aasl/ecollab/twig>
- [IT42] **Subramaniam, M.** (2015). Demystifying Connected Learning. Young Adults Library Services Association's Teen Tech Week, Special webinar for the *Young Adults Library Services Association's Teen Tech Week*. Available at: <http://ter.ps/7yp>
- [IT43] **Subramaniam, M.** (2015). Transforming libraries: Hybrid space for STEM and literacy learning. Presentation for the *University of Illinois Colloquium*, University of Illinois, Urbana-Champaign, Illinois.
- [IT44] **Subramaniam, M.** (2015). Transforming libraries: Hybrid space for STEM and literacy learning. Presentation for the *University of South Florida Colloquium*, University of South Florida, Tampa, Florida.
- [IT45] **Subramaniam, M.** (2015). Traversing the invisible fence between research and practice in LIS. Presentation at the *Library in the Life of the User Meeting*, Chicago, Illinois.
- [IT46] **Subramaniam, M.** (2015). Honest and helpful tips for obtaining a cyberlearning and future technologies grant. Presentation at the *Society for Advancement of Chicanos/Hispanics and Native Americans in Science*, Washington, D.C.
- [IT47] Castek, J., Head, A., Dickinson, G., **Subramaniam, M.**, & Horrigan, J. (2015). Leveraging research to inform practice. Panel at *IMLS Focus convening*, Kansas City, Kansas.
- [IT48] \*Taylor, N. G., **Subramaniam, M.**, St. Jean, B., \*Kodama, C., \*Follman, R., \*Ambrosini, F., Casciotti, D., Bethea, M., Montgomery, S., & Oxley, R. (2014). Exploring health and information literacy: How to reach tweens. Presentation at the 2014 *Maryland Association of School Librarians Conference*, Linthicum, Maryland.
- [IT49] **Subramaniam, M.** (2014). Shifting sands of school librarianship: From Math phobic to Math enthusiast. Presentation at the 2014 *Texas Library Association Annual Conference*, San Antonio, Texas.

- [IT50] **Subramaniam, M.**, \*Flaherty, S., \*Hafer, C. C., & \*Hamm, S. (2013). Keep calm and carry on with Math in the library. Presentation at the 2013 *Maryland Association of School Librarians Conference*, Ellicott City, Maryland.
- [IT51] **Subramaniam, M.** (2013). Diversity and literacy: A love story. Special session on diversity presented at the 2013 *Association for Library and Information Science Education Conference*, Seattle, Washington.
- [IT52] **Subramaniam, M.** (2013). Connecting underserved youths to science via participatory culture in libraries. Panel presented at the 2013 *Association for Library and Information Science Education Conference (Youth Services SIG)*, Seattle, Washington.
- [IT53] **Subramaniam, M.**, Edwards, A., \*Oxley, R., & \*Ryu, M. (2012). Solving for X: What's missing in the math teacher collaboration equation?. Presentation at the 2012 *Maryland Association of School Librarians Conference*, Linthicum, Maryland.
- [IT54] Maminski, D., Bansbach, J., **Subramaniam, M.**, & Horst, T. (2012). Mentoring for success: How to be a mentor? Panel presented at *Maryland and Delaware Library Association Joint Conference*, Ocean City, Maryland.
- [IT55] **Subramaniam, M.** (2012). School library research at the Information Policy and Access Center. Presentation at the *Maryland State Department of Education School Library Advisory Committee*, Columbia, Maryland.
- [IT56] **Subramaniam, M.** & Edwards, A. (2012). Leveraging school librarians' expertise in integrating technology into mathematics instruction. Presentation at the *2012 4T Virtual Conference*, Ann Arbor, Michigan.
- [IT57] \*Oxley, R., \*Kodama, C., & **Subramaniam, M.** (2011). Empowering learners with disabilities: Best practices and challenges. Presentation at the 2011 *Maryland Association of School Librarians Conference*, Ocean City, Maryland.
- [IT58] \*Waugh, A. & **Subramaniam, M.** (2011). Toward a union of fact and fiction: Incorporating science fiction in the science curriculum. Presentation at the 2011 *Maryland Association of School Librarians Conference*, Ocean City, Maryland.
- [IT59] Jaeger, P. T., **Subramaniam, M.**, Hill, R. E., & Westbrook, L. (2010). Underrepresented, disadvantaged, and underserved: Conceptualizations of diversity in LIS curriculum and pedagogy. Presentation at the *Library Research Seminar V*, College Park, Maryland.
- [IT60] **Subramaniam, M.** (2000). Successful distance learning via video conferencing. Presentation at the *PT Telkom International Conference*. Bandung, Indonesia.

### (c) Invited Talks and Presentations – Internal (at the University of Maryland)

- [IT61] St. Jean, B. & **Subramaniam, M.**, & Hernandez, X. (2022). *Public Librarians' Roles in Supporting their Communities During COVID-19: Research and Best Practices from the Field*. 5th Annual Health Literacy in Action Conference. College Park, MD.

- [IT62] **Subramaniam, M.** & Braun, L.W. (2021). What is essential when serving youth and families during crises? *University of Maryland special webinar*.
- [IT63] \*Kodama, C., St. Jean, B., **Subramaniam, M.**, & \*Taylor, N. G. (2017). Creepy guys at Google: Tweens mental models of Google. Poster presented at the *University of Maryland Social Justice Day*, College Park, MD.
- [IT64] \*Kodama, C., **Subramaniam, M.**, St. Jean, B., \*Taylor, N. G., Casciotti, D., & \*Follman, R. (2017). HackHealth: Engaging tweens in seeking and utilizing health information. Poster presented at the *University of Maryland Social Justice Day*, College Park, MD.
- [IT65] **Subramaniam, M.**, \*Brady, T., \*Delessa, E. & \*Percell, J. (2016). Universal usability in action: Facilitating technology accessibility to the disability community in DC. Presentation at the *Disability Summit*, College Park, MD.
- [IT66] **Subramaniam, M.**, St. Jean, B., \*Follman, R., \*Ambrosini, F., \*Taylor, N. G., \*Kodama, C., & Casciotti, D. (2014). From eye rolls to "I can!" – Understanding the health literacy of disadvantaged tweens. Poster presented at the *Public Health Research@Maryland*, College Park, MD.
- [IT67] **Subramaniam, M.**, St. Jean, B., \*Follman, R., \*Ambrosini, F., \*Taylor, N. G., \*Kodama, C., & Casciotti, D. (2014). From eye rolls to "I can!" – Understanding the health literacy of disadvantaged tweens. Poster presented at *Doctoral Research Day*, College Park, MD.
- [IT68] \*Waugh, A., \*Taylor, N. G., **Subramaniam, M.**, Ahn, J., Fleischmann, K., & Druin, A. (2013). Tween super-users: An exploratory study. Poster presented at *Doctoral Research Day*, College Park, Maryland.
- [IT69] Ahn, J., **Subramaniam, M.**, Druin, A., & Fleischmann, K. (2012). Designing Sci-identities: How Sci-fi, re-mix, and social media can promote youth interest in science. Presentation at the *29<sup>th</sup> Annual Human Computer Interaction Lab Symposium*, College Park, Maryland.
- [IT70] **Subramaniam, M.**, Monaco, P., Jaeger, P., Ziebarth, B., \*Shanahan, K. & \*Langa, L. (2012). The museum experience of children with autism and their families. Poster presented at the *Information Policy and Access Center Open House*, College Park, Maryland.
- [IT71] **Subramaniam, M.**, Edwards, A., \*Oxley, R., & \*Ryu, M. (2012). Leveraging technologies for mathematics: Exploring collaboration between school librarians and math teachers in middle schools. Poster presented at the *Information Policy and Access Center Open House*, College Park, Maryland.
- [IT72] Bertot, J. C., Druin, A., Weeks, A., **Subramaniam, M.**, & Walsh, G. (2011). *Advice on job interviews for iSchool doctoral students*. College Park, Maryland.
- [IT73] Jaeger, P. T., Jones, C., & **Subramaniam, M.** (2011). Career talk on information and diverse populations. *Career Talk Series at College of Information Studies at the University of Maryland*, College Park, Maryland.



## H. TALKS, ABSTRACTS, AND OTHER PROFESSIONAL PAPERS PRESENTED

### Refereed Conference Materials

#### a. Refereed Conference Papers, Presentations, and Posters with Published Proceedings

- [RC1] Palmer, C., Bonn, M., Coward, C., Knox, E., Marzullo, K., Ndumu, A., **Subramaniam, M.** & Thomer, A. (2023). Advancing LIS in iSchools: Building a coalition to ensure vibrant future. *Proceedings of the 82<sup>nd</sup> Annual Association for Information Science & Technology Conference*. [Panel]
- [RC2] Shaffer, G., Cooke, N., Hands, A, Hirsh, S. & **Subramaniam, M.** (2022). Incorporating marginalized LIS educators into LIS programs through remote work options. *Association for Library and Information Science Education (ALISE) Conference*, Pittsburgh, PA. [Panel]
- [RC3] \*Elsayed-Ali, S., Bonsignore, E., Kacorri, H., & **Subramaniam, M.** (2020). Designing for children's values: Conceptualizing value-sensitive technologies with children. *Proceedings of the 2020 Interaction Design and Children Conference*. P. 296-301. [Work-in-progress]
- [RC4] \*Morehouse, S., Vitak, J., & **Subramaniam, M.** & \*Liao, Y. (2020). Creating a library privacy policy by focusing on patron interactions. *Proceedings of 2020 iConference*. P. 571-578. (Acceptance rate: 30%) [Paper]
- [RC5] **Subramaniam, M.**, \*Kumar, P., \*Morehouse, S., \*Liao, Y. & Vitak, J. (2019). Leveraging funds of knowledge to manage privacy practices in families. *Proceedings of the 82<sup>nd</sup> Annual Association for Information Science & Technology Conference*. 56(1), p. 245–254. (Acceptance rate: 42%) [Paper]
- [RC6] Vitak, J., \*Liao, Y., **Subramaniam, M.**, & \*Kumar, P. (2018). "I knew it was too good to be true": The challenges economically disadvantaged Internet users face in assessing trustworthiness, avoiding scams, and developing self-efficacy online. *Computer Supported Collaborative Work (CSCW) Conference*. Article 176. P.1-25 (Acceptance rate: 26%) [Paper]
- [RC7] Davis, K., **Subramaniam, M.**, \*Hoffman, K.M. & \*Romeijn-Stout, M. (2018). Technology use in rural and urban public libraries: Implication for connected learning in youth programming. *Proceedings of the 2018 Connected Learning Summit*. p.47-56 (Acceptance rate: 44%) [Paper]
- [RC8] Vitak, J., \*Liao, Y., \*Kumar, P. & **Subramaniam, M.** (2018). Librarians as information intermediaries: Navigating tensions between being helpful and being liable. *Proceedings of 2018 iConference*. 10766, p. 693–702. (Acceptance rate: 30%) [Paper]
- [RC9] **Subramaniam, M.**, Hong, H., Visser, M., Johnston, M., Drouillard, C., & \*Long-Murphy, S. (2018). Computational thinking: Why bother? *Proceedings of 2018 iConference*. P. 1-4. [Panel]

- [RC10] \*Rath, M., Shah, C., Gazan, R., Choi, E., Oh, S. & **Subramaniam, M.** (2017). Learnsourcing: Is it working or failing, and where to go from here? *Proceedings of the 80<sup>th</sup> Annual Association for Information Science & Technology Conference*, 54(1), 591-594. (Acceptance rate: 66%) [Panel]
- [RC11] Scaff, L., **Subramaniam, M.**, \*Hoffman, K.H., Kawas, S., & Davis, K. (2017). *Promoting equity and access in public libraries' computer-supported youth programming. Proceedings of the 12th International Conference on Computer Supported Collaborative Learning (CSCL)*, v.2, p.795-796. [Poster]
- [RC12] Meyer, E., Cahill, M., **Subramaniam, M.** & Stripling, B. (2016). The promise and peril of learning analytics in P-12 education: An uneasy partnership? *Proceedings of the 2016 iConference*, Available at: <http://hdl.handle.net/2142/89459> [Panel]
- [RC13] Shilton, K., **Subramaniam, M.**, Vitak, J. & Winter, S. (2016). Qualitative approaches to cybersecurity research. *Proceedings of the 2016 iConference*, Available at: <http://hdl.handle.net/2142/89447> [Panel]
- [RC14] \*Kodama, C., St. Jean, B., **Subramaniam, M.**, & \*Taylor, N. G. (2016). There's a creepy guy on the other end at Google: Tweens' mental models of Google's inner workings. *Proceedings of the 2016 iConference*, Available at: <http://hdl.handle.net/2142/89370> (Acceptance Rate: 63%) [Poster]
- [RC15] Liu, X., Hara, N., Kazmer, M., Twindale, M., & **Subramaniam, M.** (2015). Education in the cyberlearning era: New challenges, opportunities, and applications. *Proceedings of the 78<sup>th</sup> Annual Association for Information Science & Technology Conference*, 52(1), 1-3. (Acceptance rate: 67%) [Panel]
- [RC16] St. Jean, B., **Subramaniam, M.**, \*Taylor, N. G, \*Kodama, C., & Casciotti, D. (2015). Impacts of the HackHealth After-School Program: Motivating Youth through Personal Relevance. *Proceedings of the 78<sup>th</sup> Annual Association for Information Science & Technology Conference*, 52(1), 1-11. (Acceptance rate: 36%) [Paper]
- [RC17] Greyson, D., Agosto, D., Meyers, E., **Subramaniam, M.**, & Abbas, J. (2014). Understanding networked youth and online privacy: Questions, methods and implications. *Proceedings of the 77<sup>th</sup> Annual Association for Information Science & Technology Conference*, 51(1), 1-5. (Acceptance rate: 63%) [Panel]
- [RC18] \*Waugh, A., \*Magee, R., Agosto, D., Ahn, J., Bowler, L., & **Subramaniam, M.** (2014). Youth beyond borders: Methodological challenges in youth information interaction. *Proceedings of the 77<sup>th</sup> Annual Association for Information Science & Technology Conference*, 51(1), 1-5. (Acceptance rate: 63%) [Panel]
- [RC19] Ahn, J., **Subramaniam, M.**, \*Bonsignore, B., \*Pellicone, A., \*Waugh, A., & \*Yip, J. (2014). "I want to be a game designer or scientist": Connected learning and developing identities with urban, African American youth. *Proceedings of the 11<sup>th</sup> International Conference of the Learning Sciences*, 657-664. (Acceptance rate: 30%) [Paper] [Best Paper Nominee]

- [RC20] **Subramaniam, M.**, St. Jean, B., \*Follman, R., \*Taylor, N. G., Casciotti, D., & \*Goldberg, G. (2014). From eye rolls to "I can!": Understanding the health literacy of disadvantaged tweens. *Proceedings of the 2014 iConference*, 964-967. [Poster]
- [RC21] **Subramaniam, M.**, \*Valdivia, C., \*Pellicone, A., & \*Neigh, Z. (2014). Teach me and trust me: Creating an empowered online community of tweens and parents. *Proceedings of the 2014 iConference*, 244-258. (Acceptance rate: 34%) [Paper]
- [RC22] \*Waugh, A., \*Taylor, N. G., **Subramaniam, M.**, Ahn, J., Druin, A., & Fleischmann, K. (2013). Young people's engagement in content creation: An analysis of outliers. *Proceedings of the 76<sup>th</sup> Annual Association for Information Science & Technology Conference*, 50(1), 1-12. (Acceptance rate: 51%) [Paper]
- [RC23] Arns, J., Copeland, C., Jaeger, P. T., Mehra, B., **Subramaniam, M.**, Kawooya, D., & Martin, M. (2013). Information outsiders of the 21st century: Access & implications for information behavior. *Proceedings of the 76<sup>th</sup> Annual Association for Information Science & Technology Conference*, 50(1), 1-5. (Acceptance rate: 51%) [Panel]
- [RC24] **Subramaniam, M.**, Ahn, J., Alemanne, N., Eisenberg, M., Fullerton, S., Kazmer, M., & Mardis, M. (2013). Experiencing science in informal learning environments: Tales from the field. *Proceedings of the 2013 iConference*, Fort Worth, Texas, 1037-1038. (Acceptance rate: 46%) [Panel]
- [RC25] Edwards, A., **Subramaniam, M.**, \*Ryu, M., & \*Oxley, R. (2012). Learning to teach math with technology: Collaboration between middle school mathematics teachers and librarians. *Proceedings of the 34<sup>th</sup> Annual Meeting of the North American Chapter of the International group for the Psychology of Mathematics Education*, 561. (Acceptance rate: 61%) [Poster]
- [RC26] Ahn, J., **Subramaniam, M.**, Fleischmann, K., \*Waugh, A., \*Walsh, G., & Druin, A. (2012). Youth identities as remixers in an online community of storytellers: Attitudes, strategies, and values. *Proceedings of the 75<sup>th</sup> Annual Association for Information Science and Technology Conference*, 49(1), 1-10. [Paper] [Best ASIST SIG-USE paper award]
- [RC27] Arns, J., Copeland, C., Jaeger, P., Mehra, B. & **Subramaniam, M.** (2012). Information outsiders of the 21<sup>st</sup> century: Access and implications for information behavior research. *Proceedings of the 75<sup>th</sup> Annual Association for Information Science and Technology (ASIST) Conference*. 49(1), 1-4. [Panel]
- [RC28] Baeg, J. H., Burnett, K., Bonnici, L., & **Subramaniam, M.** (2011). Navigating the confluence of streams in the development of disciplinary identity, 2004-2009. *Proceedings of the 2011 iConference*, 643-644. [Poster]
- [RC29] **Subramaniam, M.** (2009). The emergence of information technology skill standards: The case of NWCET initiative. *Proceedings of the 10<sup>th</sup> Association for Computing Machinery's (ACM) Special Interest Group in IT Education (SIGITE) Conference*. 215-220. [Paper]

- [RC30] **Subramaniam, M.** (2006). Defining information technology workforce and classifying the information technology workforce: The challenge. *Proceedings of the 2006 Association of Internet Researchers Conference*. [Paper]
- [RC31] **Subramaniam, M.** (2005). The emergence of information technology degree programs: When did it happen. *Proceedings of the 6<sup>th</sup> Association for Computing Machinery's (ACM) Special Interest Group in IT Education (SIGITE) Conference*. 31-35. [Paper]
- [RC32] Burnett, K. & **Subramaniam, M.** (2004). Defining information technology workforce from the educational perspectives: A pilot study. *Proceedings of the 5<sup>th</sup> Association for Computing Machinery's (ACM) Special Interest Group in IT Education (SIGITE) Conference*. 202-205. [Paper]

#### **b. Refereed Conference Papers, Presentations, and Posters without Published Proceedings**

- [RC33] **Subramaniam, M.**, Weintrop, D. & \*Koren, N. & (2023). *Going beyond attendance data: Using assessment tools to capture computational thinking outcomes in youth library programs*. *International Association for School Librarians Conference, Rome, Italy*. [Presentation]
- [RC34] \*Koren, N., Weintrop, D., & **Subramaniam, M.** (2023). *Measuring Computational Thinking Outcomes with and for Librarians*. *Annual Meeting of the American Educational Research Association (AERA)*. Chicago, IL, USA. [Poster]
- [RC35] **Subramaniam, M.**, \*Koren, N. & Weintrop, D. (2022). *Capturing Outcomes of Youth Computational Thinking Programs in Public Libraries: A Repository of Assessment Tools and Case Studies of Impact*. *ALA Annual Conference, Washington D.C.* [Presentation]
- [RC36] **Subramaniam, M.**, & Braun, L.W. (2021). *Changing the mindset of pre-service librarians: Moving from library servants to public servants*. *Association for Library and Information Science Education (ALISE) Conference, Online*. [Presentation]
- [RC37] **Subramaniam, M.**, & Braun, L.W. (2021). *Essential research needed: The role of public libraries before, during, and after crises*. *New England Chapter of the Association for Information Science and Technology Conference, Online*. [Presentation]
- [RC38] **Subramaniam, M.**, Weintrop, D., \*Morehouse, S. & \*Koren, N. (2021). *IMProve assessment of computational Thinking: IMPACT your library*. *American Library Association Annual Conference, Online*. [Presentation]
- [RC39] Weintrop, D., **Subramaniam, M.** & \*Morehouse, S. (2021). *Computational thinking in public libraries*. *Annual Meeting of the American Educational Research Association (AERA), Online*. [Poster]
- [RC40] **Subramaniam, M.** (2020). *Bringing design thinking into youth librarianship*. *Association for Library and Information Science Education (ALISE) Conference, Pittsburgh, Pennsylvania*. [Presentation]

- [RC41] \*Morehouse, S., **Subramaniam, M.**, Vitak, J., & \*Liao, Y. (2019). Creating a Privacy Policy Framework for Libraries With Librarians. *Library Research Seminar*. Columbia, South Carolina. [Presentation]
- [RC42] Holman, L., Rosen, M. & **Subramaniam, M.** (2018). A user experience and participatory design panel discussion. *MD TechConnect*, Shady Grove, MD. [Panel]
- [RC43] Carrigan, T., Braun, L., Rigg, N. & **Subramaniam, M.** (2018). It's true: Computational thinking and libraries are a perfect match. *YALSA Symposium*, Salt Lake City, UT. [Presentation]
- [RC44] Carrigan, T., Braun, L., Rigg, N. & **Subramaniam, M.** (2018). Ready to Code: Libraries supporting CS Education. *SxSW EDU*, Austin, Texas. [Panel]
- [RC45] **Subramaniam, M.**, \*Waugh, A. & Clegg, T. (2018). Co-designing the next generation of education for children and youth librarians: A research-practice partnership. *Association for Library and Information Science Education (ALISE) Conference*, Denver, Colorado. [Presentation]
- [RC46] LaConte, K., Lankes, D., Stansbury, M. & **Subramaniam, M.** (2018). STEM in libraries: Opportunities and alliances for LIS educators in this uncharted territory. *Association for Library and Information Science Education (ALISE) Conference*, Denver, Colorado. [Panel]
- [RC47] **Subramaniam, M.**, Johnston, M., Taylor, N. G., Moore, J., Magee, R., Drouillard, C & Sanchez, J. (2018). Expanding LIS Youth Services to embed computational thinking. *Association for Library and Information Science Education (ALISE) Conference*, Denver, Colorado. [Panel]
- [RC48] Davis, K., **Subramaniam, M.**, \*Hoffman, K., \*Kawas, S. & \*Scaff, L. (2016). What's it going to take to turn every public library into a connected learning library? *Digital Media Learning Conference*, Irvine, California. [Presentation]
- [RC49] Carrigan, T., Fontichiaro, K., **Subramaniam, M.** & Wilkett, R. (2016). Lessons from learning spaces: What are patrons really learning? *American Library Association Annual Conference*, Orlando, Florida. [Panel]
- [RC50] Martin, C., Holden, R., Meyers, E., Ochsner, A. & **Subramaniam, M.** (2016). Equity, Technology, and Youth: An examination of experimental design to bridge equity gaps. *American Educational Research Association Conference*, Washington, D.C. [Panel]
- [RC51] **Subramaniam, M.** & Sarin, L. (2016). The "new" youth librarianship: Y(outh) eX(perience). *American Library Association Midwinter Meeting*, Boston, Massachusetts. [Presentation]
- [RC52] Gross, M., Julien, H., **Subramaniam, M.**, Latham, D., & White, S. (2015). Teacher/Librarian collaboration in Math and science: Using professional experience to inform pedagogy, *Association for Library and Information Science Education Annual Conference*, Chicago, Illinois. [Panel]
- [RC53] Kimmel, S., Pozzi, E., & **Subramaniam, M.** (2015). School Library Practice and Education: Developing a Passion & Commitment to Civil Rights, Social Justice, and

Learning For Life., *Association for Library and Information Science Education Annual Conference School Library SIG*, Chicago, Illinois. [Panel]

- [RC54] St. Jean, B., **Subramaniam, M.**, \*Taylor, N.G., \*Follman, R., \*Kodama, C., & Casciotti, D. (2015). Because I just know things and I'm sure!": How socioeconomically disadvantaged tweens' pre-existing beliefs can influence the success of their online health-related information searches, *Association for Library and Information Science Education Annual Conference*, Chicago, Illinois. [Presentation]
- [RC55] St. Jean, B., **Subramaniam, M.**, \*Taylor, N. G., \*Kodama, C., & Casciotti, D. (2015). Following the thread of Social Cognitive Theory through the development, implementation, and outcomes of the HackHealth after-school program for disadvantaged youth, *ASIS&T SIG-USE Symposium: Context in Information Behavior Research*. [Presentation]
- [RC56] St. Jean, B., **Subramaniam, M.**, \*Taylor, N.G., \*Kodama, C., & Casciotti, D. (2015). Leveraging school-library-based after-school programs to motivate, engage, and benefit youth from disadvantaged backgrounds, *Conference on Diversity and Inclusion in Library and Information Science*, College Park, MD. [Presentation]
- [RC57] \*Follman, R., \*Kodama, C., \*Taylor, N., **Subramaniam, M.**, St. Jean, B., & Casciotti, D. (2014). The HackHealth Pods, *Maryland Association of School Librarians Conference*, Linthicum Heights, MD. [Poster]
- [RC58] \*Follman, R., St. Jean, B., **Subramaniam, M.**, \*Taylor, N.G., \*Kodama, C., & Casciotti, D. (2014). HackHealth: Blurring the contextual boundaries between research and practice, *ASIS&T SIG-USE Symposium: Context in Information Behavior Research*. [Presentation]
- [RC59] \*Kodama, C., **Subramaniam, M.**, St. Jean, B., \*Taylor, N. G., Casciotti, D., & \*Follman, R. (2014). HackHealth: Engaging tweens in seeking and utilizing health information. *American Library Association Annual Conference*, Las Vegas, Nevada. (Acceptance rate: 27%) [Poster]
- [RC60] \*Waugh, A., Ahn, J., & **Subramaniam, M.** (2014), Who Am I?: Incorporating identity play to boost student engagement. *American Library Association Annual Conference*, Las Vegas, Nevada. (Acceptance rate: 27%) [Poster]
- [RC61] **Subramaniam, M.**, St. Jean, B., \*Taylor, N. G., Casciotti, D., \*Follman, R., \*Ambrosini, F., & \*Kodama, C. (2014). "Nobody will have to suffer what I suffer": Weaving personal relevance into interest-driven learning pathways. *Digital Media and Learning Conference*, Boston, Massachusetts. (Acceptance rate: 30%) [Presentation]
- [RC62] **Subramaniam, M.**, St. Jean, B., \*Taylor, N. G., \*Follman, R., & Casciotti, D. (2014). Tweens HackHealth: Working with school librarians to engage disadvantaged youth in health entrepreneurship. *Association for Library and Information Science Education (ALISE) Conference*, Philadelphia, Pennsylvania. (Acceptance rate: 50%) [Presentation]
- [RC63] Jaeger, P., **Subramaniam, M.**, & Bertot, J. C. (2014). Using educational entrepreneurship to promote diversity and inclusion in library and information science

education. *Association for Library and Information Science Education (ALISE) Conference*, Philadelphia, Pennsylvania. (Acceptance rate: 50%) [Presentation]  
[Featured presentation at the 2014 ALISE Conference]

- [RC64] **Subramaniam, M.**, Hastings, S., Hughes-Hassell, S., & Jaeger, P. T. (2014). Diversifying the funding portfolio for diversity-related programming and research in LIS. *Association for Library and Information Science Education (ALISE) Conference*, Philadelphia, Pennsylvania. (Acceptance rate: 24%) [Panel]
- [RC65] Montiel-Overall, P., **Subramaniam, M.**, & Kimmel, S. (2014). Creating innovative partnerships. ALISE School Library SIG at the *Association for Library and Information Science Education (ALISE) Annual Conference*, Philadelphia, Pennsylvania. [Panel]
- [RC66] \*Taylor, N. G., \*Waugh, A., **Subramaniam, M.**, Ahn, J., Fleischmann, K., & Druin, A. (2014). Characteristics of motivation in hybrid tween after-school program. ALISE Youth Services SIG at the *Association for Library and Information Science Education (ALISE) Annual Conference*, Philadelphia, Pennsylvania. [Lightning talk]
- [RC67] St. Jean, B., **Subramaniam, M.**, \*Follman, R., \*Taylor, N. G., & \*Goldberg, G. (2013). HackHealth: Engaging youth in health-related information seeking, sharing, and use. *ASIS&T SIG-USE Symposium: Information Behavior on the Move: Information Needs, Seeking, and Use in the Era of Mobile Technologies*, Montreal, Quebec, Canada. (Acceptance rate: 52%) [Ignite talk]
- [RC68] \*Waugh, A., \*Taylor, N. G., **Subramaniam, M.**, Ahn, J., Druin, A., & Fleischmann, K. (2013). Teen super-users: Lessons for online programs in the library. *American Library Association Annual Conference*, Chicago, Illinois. (Acceptance rate: 37%) [Poster]
- [RC69] **Subramaniam, M.**, Edwards, A., & Walkoe, J. (2013). Solving for X: Using technology to enhance Math teacher collaboration in the era of Common Core Standards. *American Association of School Librarians 16<sup>th</sup> National Conference*, Hartford, Connecticut. [Presentation]
- [RC70] **Subramaniam, M.**, Ahn, J., \*Waugh, A., Ledford, A., & Stoop, L. (2013). Leveraging the library: Using Sci-fi, storytelling, and new media literacy to ignite student interest in science. *American Association of School Librarians 16<sup>th</sup> National Conference*, Hartford, Connecticut. [Presentation]
- [RC71] Meyers, E. M., Agosto, D., & **Subramaniam, M.** (2013). Emerging narrative methods in youth information interaction. *41<sup>st</sup> Annual Conference of the Canadian Association of Information Science*, Victoria, British Columbia. [Panel]
- [RC72] Ahn, J., **Subramaniam, M.**, \*Waugh, A., \*Taylor, N. G., Walsh, G., \*Kim, J., Druin, A., & Fleischmann, K. R. (2013). Designing science fiction and online community as tools for STEM literacy and self identity. *American Educational Research Association*, San Francisco, CA. [Roundtable presentation]
- [RC73] **Subramaniam, M.**, Edwards, A., \*Ryu, M., & \*Oxley, R. (2013). The collaboration conundrum: School librarians and math teachers in the era of the common core

- mathematics standards. *Association for Library and Information Science Education Conference (School Library SIG)*, Seattle, Washington. [Presentation]
- [RC74] \*Langa, L., \*Shanahan, K., Monaco, P., **Subramaniam, M.**, Jaeger, P. T., & Ziebarth, B. (2012). The museum experiences for families with children with autism: What we learned. *Visitor Studies Association*, Raleigh, NC. [Presentation]
- [RC75] **Subramaniam, M.**, Ahn, J., Fleischmann, K., & Druin, A. (2012). School librarians as co-designers and innovators in the future of cyberlearning. *ALA Annual Conference – Library Research Round Table*, Anaheim, California. [Presentation]
- [RC76] **Subramaniam, M.**, \*Oxley, R., & Kodama, C. (2012). The role of school libraries in serving students with disabilities. *Maryland Professional Development Consortium Common Ground Conference*, Baltimore, Maryland. [Presentation]
- [RC77] **Subramaniam, M.**, \*Greene, N., & Davis, D. (2012). The effect of school library closing on public libraries in Sacramento, CA. *Association for Library and Information Science Education Conference*, Dallas, Texas. (Acceptance rate: 30%) [Presentation]
- [RC78] **Subramaniam, M.**, Rodriguez-Mori, H., Franklin, R., & Jaeger, P. T. (2011). Innovation in diversity related research: An examination of a decade of diversity doctorates at LIS schools (2000-2010). *Association for Library and Information Science Education Conference*, San Diego, California. (Acceptance Rate: 30%) [Presentation]
- [RC79] Burnett, K., Baeg, J. H., Bonnici, L., & **Subramaniam, M.** (2011). The impact of competitiveness and innovation in the development of disciplinary identity, 2004-2009. *Association for Library and Information Science Education Conference*, San Diego, California. (Acceptance Rate: 30%) [Presentation]
- [RC80] **Subramaniam, M.**, Franklin, R., Jaeger, P. T., & Rodriguez-Mori, H. (2011). Nurturing faculty diversity through competitive hiring and early faculty process at LIS schools. *Association for Library and Information Science Education Conference*, San Diego, CA. [Panel]
- [RC81] Burnett, K., Bonnici, L., & **Subramaniam, M.** (2010). The study of information revisited: Chaos in the emergence of disciplinary identity. *iConference*, Champaign, IL. [Poster]
- [RC82] **Subramaniam, M.**, \*Park, S. J., Bonnici, L., & Burnett, K. (2010). Repackaging iSchools curricula: Indications of fractal distinction in time. *Association for Library and Information Science Education Conference*, Boston, New York. [Poster]
- [RC83] Burnett, K., **Subramaniam, M.**, & Bonnici, L. (2010). Collaboration in LIS Education: Trends in co-authorship. *Association for Library and Information Science Education Conference*, Boston, Massachusetts. [Presentation]
- [RC84] **Subramaniam, M.** & Burnett, K. (2005). Designing a global classification system for the information technology workforce (ITWF): Examining cultural and societal bias. *Proceedings of the International Conference on Technology, Knowledge and Society*. [Presentation]



[RC85] Burnett, K. & **Subramaniam, M.** (2005). Designing a global classification system for the information technology workforce (ITWF): Cultural and societal bias issues. *Association for Library and Information Science Education Conference*, Boston, Massachusetts. [Presentation]

### c. Workshops

- [W1] Davis, K., **Subramaniam, M.**, Braun, L.W., Coward, C., \*Hoffman, K., Landesman, R. & Wedlake, S. (2022). Connected learning: The essential mindset to serve rural youth in America. *Connected Learning Summit*. [Online]
- [W2] Braun, L.W., Mackenzie, A. & **Subramaniam, M.** (2022). Future Ready teen library services. *Cincinnati Hamilton County Public Library*. [Online]
- [W3] **Subramaniam, M.** (2022). Rethinking action research for professional practice. *Qatar National Library*, Doha, Qatar.
- [W4] Vitak, J. & **Subramaniam, M.** (2022). Creating patron-focused privacy policies. *Maryland State Library Agency*. [Online]
- [W5] Braun, L.W. & **Subramaniam, M.** (2022). Preparing to support communities in crises. *Rhode Island State Library Agency*. [Online]
- [W6] **Subramaniam, M.** (2022). Capturing outcomes of youth programs in public libraries. *Washington State Library*. [Online]
- [W7] Burg, S., Fraser, J., Poce, A., **Subramaniam, M.** (2021). Virtual programming in museums. *Knology webinar*. [Online]
- [W8] **Subramaniam, M.** & Vitak, J. (2021). Facilitating privacy literacy learning in public libraries. *Maryland State Library Agency*. [Online]
- [W9] Vitak, J. & **Subramaniam, M.** (2021). Integrating digital privacy and security resources into library programming for children, youth, and families. *Maryland State Library Agency*. [Online]
- [W10] Braun, L.W. & **Subramaniam, M.** (2021). Re-imagining library services. *Maryland State Library Agency*. [Online]
- [W11] **Subramaniam, M.** (2021). Capturing outcomes of youth programs for out-of-school time. *Office of the Commonwealth of Pennsylvania Libraries*. [Online]
- [W12] Bonsignore, E., **Subramaniam, M.**, Clegg, T., Donahue, C. & Rubio, J. (2020). Designing learning technologies and programs with youth: A designathon. *iConference 2020*, Boras, Sweden. [Canceled due to COVID-19 travel restrictions]
- [W13] **Subramaniam, M.** (2020). Integrating computational thinking into library and information science youth services courses. *ALA Midwinter Meeting*, Philadelphia, PA.

- [W14] **Subramaniam, M.** (2019). Capturing outcomes of teen services. *IMLS Future Ready Cohort Training*, Memphis, TN.
- [W15] **Subramaniam, M.** (2019). Capturing outcomes of teen services. *Future You with the Library Meeting*, College Station, PA.
- [W16] **Subramaniam, M.** (2019). Learning in libraries: Supporting STEM learning via connected learning. *Shanghai Education Municipal Commission Work Visit*, Washington, D.C
- [W17] **Subramaniam, M.** & Waugh, A. (2018). Assessment and outcomes-based evaluation. *Maryland Youth Services Meeting*, Frederick, MD.
- [W18] **Subramaniam, M.** (2018). Capturing outcomes of teen services. *YALSA Symposium*, Salt Lake City, UT.
- [W19] Visser, M., Rigg, N., Braun, L., **Subramaniam, M.**, & Martin, C. (2018). A proof of concept: Engaging informal learning practitioners and researchers through a connected learning and computational thinking framework. *Connected Learning Summit*, Boston, Massachusetts.
- [W20] \*Thompson, H., \*Lake, S., \*McDonald, R., \*Ilardi, J., **Subramaniam, M.**, Visser, M. & Braun, L. (2018). Bridging the tech knowledge gap: Empowering your community through a seamless Youth Experience (YX) experience. *American Library Association Annual Conference*, New Orleans, Louisiana.
- [W21] **Subramaniam, M.**, Braun, L. & Visser, M. (2017). Infusing school-wide computational thinking through school libraries: Challenges and opportunities. *International Association of School Librarians Conference*, Long Beach, California.
- [W22] **Subramaniam, M.**, St. Jean, B. & \*Taylor, N. G. (2016). The Google, Duck Duck Go, and the open web: Teaching credibility assessment to young adults. *Maryland/Delaware Library Association Conference*, Ocean City, Maryland.
- [W23] \*Taylor, N. G., \*Kodama, C., St. Jean, B., **Subramaniam, M.**, \*Follman, R., & Casciotti, D. (2015). The Google, the Bing, and the open web: Teaching credibility assessment to young adults. *American Library Association Annual Conference*, San Francisco, CA.
- [W24] **Subramaniam, M.** (2015). Designing library of the future for and with teens. *Southern Maryland Regional Library Institute*, New Market, MD.
- [W25] Jaeger, P. T. & **Subramaniam, M.** (2015). Researching diversity, inclusion, rights, and justice while successfully building your academic career. *Conference on Diversity and Inclusion in Library and Information Science*, College Park, MD
- [W26] **Subramaniam, M.** (2014). Rethinking credibility instruction for disadvantaged youth. *Special Workshop at the Summer Institute on Digital Literacy*, Providence, University of Rhode Island.

## **I. CONTRACTS AND GRANTS**

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- [G1] *Expanding digital literacy*, (\$6,000,000), 2022-2024, State of Maryland (Role: co-PI) (with Jinhee Kim (PI)) (My allocated share: \$324,658)
- [G2] *Connecting small and rural libraries to connected learning*, (\$427,062), 2020-2024, Institute of Museum and Library Services (Role: co-PI; UMD PI) (with Katie Davis (PI), Linda Braun, Chris Coward, Kelly Hoffman) (Sub-award to UMD and my allocated share: \$142,803)
- [G3] *Capturing computational thinking literacy development in public libraries*, (\$414,740), 2019-2023, Institute of Museum and Library Services (Role: PI) (with David Weintrop) (My allocated share: \$207,370)
- [G4] *Enhancing digital privacy and security skills for low socio-economic families: Resources for librarians and patrons*, (\$426,256), 2016-2019, Institute of Museum and Library Services (Role: co-PI) (with Jessica Vitak (PI)) (My allocated share: \$213,128)
- [G5] *Ready to Code (RtC) Phase II: Embedding RtC concepts in Library and Information Science Curricula*, (\$149,911), 2017-2018, American Library Association and Google Education (Role: co-PI) (with Marijke Visser (PI)) (Sub-award to UMD and my allocated share: \$29,982)
- [G6] *Youth Experience (YX): Embracing participatory design and design thinking in children and youth librarianship*, (\$396,052), 2016-2019, Institute of Museum and Library Services (Role: PI) (with Tammy Clegg and Paul Jaeger) (My allocated share: \$198,026)
- [G7] *Listen, Feel, and Learn App Research Project*, (\$94,997), 2015-2017, National Park Service Foundation (Role: Co-PI) (with Brett Oppegaard (PI)) (Sub-award to UMD and my allocated share: \$10,000)
- [G8] *Connected learning at the library: Developing librarians' capacity to support today's digital youth*, (\$384,587), 2015-2018, Institute of Museum and Library Services (Role: Co-PI; UMD PI) (with Katie Davis (PI)) (Sub-award to UMD and my allocated share: \$191,293)
- [G9] *HackHealth 2.0: Outreach to school libraries across the nation*, (\$123,317), 2014-2015, National Library of Medicine (Role: PI) (with Beth St. Jean) (My allocated share: \$61,658)
- [G10] *Improving the health literacy, health-related self-efficacy, and long-term health outlook of disadvantaged youth through the facilitation of scientific inquiry and information literacy skills*, (\$68,500), 2013-2014, Center for Public Service Communication & National Library of Medicine (Role: PI) (with Beth St. Jean) (My allocated share: \$34,250)
- [G11] *Safe space and knowledge discovery: Social media in the National Park Service*, (\$22,000), 2013, Future of Information Alliance - Deutsch Foundation (Role: Faculty)

mentor) (with \*Valdivia, C., \*Pellicone, A., \*Lowman, M., & \*Neigh, Z.) (My allocated share: \$7,333)

- [G12] *Developing STEM identities through participation in science-infused media and virtual peer networks*, (\$550,000), 2011-2014, National Science Foundation – Cyberlearning program (Role: Co-PI) (with Ahn, J. (PI), Fleischmann, K., & Druin, A.) (My allocated share: \$137,500)
- [G13] *Leveraging technology for mathematics: Exploring instructional collaboration between school librarians and mathematics teachers in middle schools*, (\$20,000), 2011-2012, ADVANCE Program Interdisciplinary and Engaged Research Seed Grant, University of Maryland, ADVANCE and National Science Foundation. (Role: PI) (with Edwards, A.) (My allocated share: \$10,000)
- [G14] *The museum experience of children with autism and their families: Improving access through web and electronic resources*, (\$57,813), 2011-2012, University of Maryland, College Park and the Smithsonian Institution. (Role: PI) (with Monaco, P., Jaeger, P., Ziebarth, B., & Langa, L.) (My allocated share: \$19,271)
- [G15] *Diverse populations, information and library education*, (\$799,493), 2010-2013, Institute of Museum and Library Services – Laura Bush 21<sup>st</sup> Century Librarian Program. (Role: Co-PI) (with Jaeger, P. (PI), Bertot, J., Lazar, J., Franklin, R., & Langa, L.) (My allocated share: \$159,898)
- [G16] *Crossing the boundaries of ethnicity - Latinas overcoming stereotyping through formal mentoring*, (\$9,000), 2010, The Graduate School, University of Maryland, College Park - Research and Scholarship Award (Role: PI) (My allocated share: \$9,000)

## **J.FELLOWSHIPS, PRIZES, AWARDS**

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- 2022 ALISE (Association for Library and Information Science Education)/ProQuest Methodology Paper Competition Award
- 2020 ALISE (Association for Library and Information Science Education)/Bohdan S. Wynar Research Paper Competition Award [see A2]
- 2020 YALSA's Service to Young Adults Outstanding Achievement Award
- 2019 Fulbright Specialist Award (at the Library and Information Consortium of Kyrgyzstan)
- 2019 Library Journal's Movers and Shakers Award
- 2018 Big 10 Alliance Academic Leadership Program Fellow
- 2017 ALISE (Association for Library and Information Science Education) Pratt-Severn Faculty Innovation Award
- 2015 Top twenty article for library instruction for 2015 selected by the American Library Association Library Instruction Round Table committee  
<http://www.ala.org/rt/sites/ala.org.rt/files/content/archive/toptwenty2015.pdf> [see A20]
- 2015 Young Adults Library Services Association's trends impacting young adult services lecture award, Young Adult Library Services Association (YALSA). [see A10 and IT11]

- 2015 ALISE-LMC (Association for Library and Information Science Education - Library Media Connection) Best Paper Award, Association for Library and Information Science Education & Libraries Unlimited. [See A11]
- 2014 Winner of the American Library Association Library Research Round Table/Beta Phi Mu Best Research Paper Award [see A15]
- 2014 Best Paper Nominee for the 11<sup>th</sup> International Conference of the Learning Sciences [see RC17]
- 2014 Featured presentation at the 2014 Association for Library and Information Science Education (ALISE) Conference [see RC59]
- 2013 Top twenty article for library instruction for 2013 selected by the American Library Association Library Instruction Round Table committee (<http://www.ala.org/rt/sites/ala.org/rt/files/content/archive/toptwenty2013.pdf>) [see A22]
- 2013 Future of Information Alliance-Deutsch Foundation Faculty Fellow - Winner of the Future of Information Seed Grant at the University of Maryland, supported by the Robert W. Deutsch Foundation [see G10]
- 2013 Runner-up Young Adult Library Services Association's Past Presidents Lecture Award
- 2012 Winner of the Association for Information Science and Technology (ASIS&T) SIG-USE Best Paper Award [see RC24]
- 2009 Winner of Association for Library and Information Science Education (ALISE) Best Paper Award [see A30]
- 2008 Doctoral Research Seminar Travel Grant, The Association for Information Science and Technology (ASIS&T)
- 2006 Academic Career Workshop Participant, Computing Research Association & National Science Foundation
- 2005 Maglathin Doctoral Research Scholarship, Florida State University
- 2005 Doctoral Dissertation Research Grant, Florida State University
- 2005 John M. Goudeau Scholarship, Florida State University
- 2004 John David Marshall Scholarship, Florida State University
- 2004 Grace Hopper Celebration of Women in Computing Conference Scholarship
- 1999 Full Scholarship Award from Universiti Teknologi Malaysia for Acquisition of a Master's Degree
- 1995 Dean's List, Faculty of Education, Universiti Teknologi Malaysia
- 1994 Full-Ride Travel Award to Japan from Mombusho, Japan

## **K. EDITORSHIPS, EDITORIAL BOARDS & REVIEWING ACTIVITIES**

- Guest Editor, *Information and Learning Sciences Journal* (2022) 123(7/8). Special Issue: Beyond Digital Youth: Understanding the Contexts and Consequences of Youth's Digital Experiences (with Katie Davis, University of Washington).
- Co-Editor, *School Library Research* (June 2013 to June 2019) (with Melissa Johnston from University of West Georgia - 2016-2019, and Ruth Small from Syracuse University - 2013-2016)
- Guest Editor, *Library Quarterly* (2013), 83(3). Special Issue: Symposium on Diversity in LIS Education (with Paul T. Jaeger & John C. Bertot, UMD).
- Guest Editor, *Journal of Education for Library and Information Science* (2010), 51(1). Special Issue: Integrating social theories into LIS research (with Laurie Bonnici, University of Alabama).
- Editorial Board member:
  - *Information and Learning Sciences* (March 2018 to present)
  - *The Library Quarterly* (January 2011 to present)
  - *School Library Research* (July 2012 to June 2013)
- Reviewer for the following:
  - *Association for Library and Information Science Education (ALISE) Conference – 2018, 2016, 2015, 2013, 2010;*
  - *Association for Computing Machinery's (ACM) Special Interest Group in IT Education (SIGITE) Conference – 2009, 2010;*
  - *i-Conference – 2020, 2019, 2013;*
  - *Informing Science and IT Education Conference - 2016; and*
  - *The Association for Information Science and Technology (ASIS&T) Conference – 2020, 2019, 2016, 2014, 2013;*
- Reviewer for the following journals:
  - *Association for Computing Machinery (ACM) Transactions of Computing Education;*
  - *Journal of Education for Library and Information Science (JELIS);*
  - *Journal of the Association for Information Science and Technology;*
  - *Children and Youth Services Review*
  - *Library Quarterly (LQ);*
  - *Library Trends;*
  - *Government Information Quarterly (GIQ);*
  - *Information, Communication, and Society*
  - *School Library Research (SLR); and*
  - *School Libraries Worldwide (SLW).*
- Book reviewer for: *Library Quarterly*.

## L. OTHER

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### Media Publications Highlighting Research Activities

- [M1] 4/17/2023: "Computational thinking is the new literacy of the 21<sup>st</sup> century – Are students prepared?" Available at: <https://publiclibrariesonline.org/2023/04/computational-thinking-is-the-new-literacy-of-the-21st-century-are-students-prepared/> [This interview highlighted the deliverables for the [IMPACT](#) project that I led]
- [M2] 6/24/2020: "Reenvisioning Libraries: There is a project for that" Available at: <https://www.slj.com/?detailStory=reenvisioning-libraries-theres-a-project-for-that-public-libraries-youth-services-editorial>
- [M3] 2/27/2020: "Why It's Essential to Serve Youth Outside of the Library: An Interview with Mega Subramaniam" Available at: <http://yalsjournal.ala.org/publication/?m=53337&i=650675&p=4> [This interview was conducted by Young Adult Library Services Journal Editor for their Fall 2019 issue]
- [M4] 8/8/2019: "#IamALA" Available at: <https://www.youtube.com/watch?v=CwZxQieNkHo> [This video interview was conducted by ALA Washington office on the impact IMLS funding in library research]
- [M5] 5/20/2019: "Connect to Connected Learning" Available at (page 50): <https://americanlibrariesmagazine.org/wp-content/uploads/2019/04/0519-al.pdf> [This article highlighted the Connected Learning tool as a tool (with a quote from me) to help rural and small librarians implement connected learning at their library]
- [M6] 12/14/2017: "Putting Teens First in Teens Services: An Interview with Mega Subramaniam" Available at: <http://yalsa.ala.org/blog/2017/12/15/putting-teens-first-in-library-services-an-interview-with-mega-subramaniam/> [This video interview was conducted by YALSA Past Presidents, Shannon Peterson and Linda Braun on the new certificate program in Youth Experience at the University of Maryland]
- [M7] 12/08/2016: "Libraries: Ready to Code video" Available at [https://m.youtube.com/watch?v=vFBZz9\\_TVXc](https://m.youtube.com/watch?v=vFBZz9_TVXc) [This video is a product of American Library Association's Libraries Ready to Code project that investigated the nature of coding and computational thinking activities in school and public libraries, featuring researchers and librarians that can explain the benefit of such programming in libraries]
- [M8] 06/15/2016: "Case Studies: Real World Examples of How Libraries are Re-envisioning Teen Services" Available at <http://www.ala.org/yalsa/case-studies-real-world-examples-how-libraries-are-re-envisioning-teen-services> [This is a publication by YALSA that features HackHealth as an example of library programming that is re-envisioning teen services nationally].
- [M9] 06/03/2016: "School Library Research: AASL Hidden Gem." Available at: <http://knowledgequest.aasl.org/school-library-research-aasls-hidden-gem/> [This is a Knowledge Quest blog post by Helen Adams featuring Q&A with co-editors of School Library Research (SLR) journal on the contributions of SLR to school librarianship.]
- [M10] 11/10/2015: Terp Magazine – "Hacking Their Way to Health, Digital

Literacy." Available at: <https://terp.umd.edu/hacking-their-way-to-health-digital-literacy/#.XknRMRNKgUE> [HackHealth was featured in the Terp magazine (online version), which is the official magazine for the alumni members of the University of Maryland.]

- [M11] 09/18/2015: The Academic Minute – "HackHealth." Available at: <http://academicminute.org/2015/09/mega-subramanian-umaryland-hackhealth/> [HackHealth was featured on the website "The Academic Minute," which "features researchers from colleges and universities around the world, keeping listeners abreast of what's new and exciting in the academy." It also aired on NPR.]
- [M12] 07/12/2015: Baltimore Sun – "Hooked on technology." Available at: <https://www.baltimoresun.com/test/advertorial/bal-hooked-on-technology-20150720-story.html> [HackHealth/my work was highlighted as one of a few selected digital literacy projects that have been implemented by higher educational institutions in K-12 schools within the state of Maryland].
- [M13] 06/12/2015: District Dispatch – "Library youth and technology leader on the hill: We build a bridge between knowledge and passion." ALA Washington Office. Available at: <https://www.districtdispatch.org/2015/06/library-youth-and-tech-leaders-on-the-hill-we-build-a-bridge-between-knowledge-and-passion/> [This is a blog post based on a special session at the Capitol Hill organized by the American Library Association (ALA) Washington Office and U.S. Representative Marcia Fudge (D-Ohio).]
- [M14] 02/06/2015: Parents Magazine – "5 Things I Didn't Know About Young Kids and Social Media." Available at: <http://www.parents.com/blogs/parents-perspective/2015/02/06/big-kids/5-things-i-didnt-know-about-young-kids-and-social-media/>
- [M15] 02/06/2015: ALA Midwinter Review: YALSA Research and Strategic Planning Programs, American Library Association. Available at: <https://www.parents.com/parents-magazine/parents-perspective/5-things-i-didnt-know-about-young-kids-and-social-media/>
- [M16] 02/17/2014: The Diamondback (University of Maryland campus newspaper) – "Information college HackHealth program promotes Internet research skills" - [https://dbknews.com/2014/02/16/article\\_0b67b7e2-9785-11e3-965c-0017a43b2370.html/](https://dbknews.com/2014/02/16/article_0b67b7e2-9785-11e3-965c-0017a43b2370.html/)
- [M17] 02/11/2014: The Diamondback (University of Maryland campus newspaper) – "Science "super-heros" seek to spark youth interest" - <https://dbknews.com/0999/12/31/arc-b7l42b23czblzoyl7ofmy7ncue/>
- [M18] 02/10/2014: UMD Right Now – "UMD project helps DC students build "Sci-Dentities" - <http://ter.ps/4fb>
- [M19] Fall 2013: Terp Magazine – "The Superheroes of STEM: Researchers encourage middle schoolers to soar with secret "Sci-Dentities", 11(1).
- [M20] 07/10/2013: STEMwire – "School librarians can be crucial partners in STEM".



### 3. TEACHING AND ADVISING

#### A. GRADUATE COURSES TAUGHT

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##### **Diverse Populations, Inclusion and Information (LBSC 620)**

Full semester course focused on preparing future information professionals to develop and provide inclusive services to diverse and underrepresented populations, and to analyze and evaluate services to ensure equality of access to information in a range of institutional settings. [Enrollment: Fall 2014: 18 - Online; Fall 2015: 20 - Online]

##### **Information and Universal Usability (LBSC 622)**

Full semester course focused on the use and challenges of information services and technologies to provide equal experiences and outcomes to all users. Laws, standards, approaches, component concepts, access needs, and technologies in relation to physical and online information environments. [Enrollment: Spring 2012: 30 – In-person; Spring 2013: 21 – In-person; Spring 2014: 14 – In-person; Spring 2015: 10 – In-person; Summer 2015: 17- Online; Spring 2016: 23 - Online; Summer 2016: 15 - Online]

##### **School Librarians as Information Professionals (LBSC 640)**

Full semester course introducing students to the historical, organizational, and contemporary contexts of school library programs; the principles of teaching, learning, and information literacy that underlie the school library program; the leadership role that school librarians can play within the school community, and the various roles of the school librarian in supporting student learning. [Enrollment: Fall 2009: 18 – In-person; Fall 2010: 20 – In-person; Spring 2011: 9 – In-person; Fall 2011: 13 – In-person; Spring 2014: 8 - Online]

##### **Field Study in Information Service (LBSC 707)**

Full semester required course for students to gain practical work experience and develop professional skills, with the completion of 120-hour supervised internship/field study experience, participation in an online class community, and complete a final project of their own choosing. [Enrollment: Spring 2020: 9 – Online; Spring 2021 - 40]

##### **Collaborative Instructional Design and Evaluation (LBSC 742)**

Full semester course involving the application of instructional system design methods in designing information-based learning by school librarians in collaboration with teachers with the ultimate aim of creating opportunities for learners to use a full range of information resources for authentic, problem-based learning. [Enrollment: Fall 2009: 22 – In-person; Spring 2010: 7– In-person; Fall 2010: 11– In-person; Fall 2012: 15 – In-person; Fall 2013: 14 – In-person; Fall 2014: 11- Online; Fall 2015: 6 - Online; Fall 2018: 11 - Online]

**Internship in School Library (LBSC 744)**

Full semester course designed to provide students with opportunities to observe library media programs offered at least two different levels (elementary, middle and/or high school), and to participate in the operation and activities of the programs under the supervision of certified school librarians. [Enrollment: Spring 2011: 12 – In-person; Fall 2012: 9 – In-person; Spring 2016: 4 - Online]

**Facilitating Learning in Informal and Formal Environments (INST650)**

Full semester course introducing students to a number of elements that affect their position in youths' educational programs: the organizational, and contemporary contexts of informal learning spaces; the principles and learning frameworks of teaching and learning; and the leadership role that information professionals can play within their information institutions, and communities. [Enrollment: Summer 2017: 14; Summer 2018: 2; Fall 2020: 21; Fall 2021: 23] [All online]

**Capstone in Youth Experience (INST794)**

12-weeks course developed for the YX Certificate students to synthesize design thinking, participatory design, connected learning, and learning theory/frameworks into a technology-infused program for and with youth. [Enrollment: Spring 2018: 9, Online]

**Design Thinking and Youth (INST652)**

Full semester course methods of design thinking specifically within and for youth contexts, covering user-centered design, understanding user needs, ideation, contextual design, participatory design, iterative prototyping, and visual design. [Enrollment: Spring 2018: 11; Spring 2019: 18; Spring 2020: 17; Spring 2021: 12; Spring 2022: 23] [All online]

**Promoting Rich Learning with Technology (INST 651)**

Full semester course that explores how technology can be used to promote rich learning experiences, with a particular focus on youth populations. Students assess the how, when, and why of infusing technology into the teaching and learning process. [Enrollment: Fall 2019: 19, Online; Fall 2022: 8, Online]

**Information Institutions Roles and Responses to Crises (LBSC708X)**

Full semester course that introduced students to the challenges that underserved populations face during crises and how to co-create solutions to connect, learn, and innovate with their community to mitigate these challenges. [Enrollment: Winter 2021: 26, Online; Summer 2023: 13, Online]

**The Engaged Intellectual: An Introduction to Research and Academic Work (INST 800)**

Full semester course intended for first year Ph.D students at the iSchool at the University of Maryland, introducing students to a series of issues and topics that confront academics, including research, teaching, service, academic life, and the university as an institution.

[Enrollment: Fall 2017: 10 – In-person; Fall 2018: 12 – In-person; Fall 2019: 10 – In-person; Fall 2020: 20 - Online]

**Directed Independent Study (LBSC 709)**

3-credit hour independent study in area of particular interest to the graduate student.

Different independent studies with students have focused on services provided in public libraries, school libraries, and STEM learning. [Enrollment: Spring 2011: 2; Summer 2011: 2; Fall 2012: 1; Spring 2013: 4; Spring 2014: 1; Fall 2015: 1; Spring 2016: 3]

**Master's Thesis Research (LBSC 799/INST799)**

[Enrollment: Spring 2013: 1; Fall 2022: 1]

**Individualized teaching experience (INST 809)**

[Enrollment: Spring 2014: 1; Fall 2015: 1; Fall 2016: 1; Fall 2022: 1]

**Individualized research experience (INST 810)**

[Enrollment: Spring 2013: 1; Fall 2014: 1; Spring 2019: 1; Fall 2021: 1]

**Pre-candidacy research (INST 898)**

[Enrollment: Fall 2013: 1; Spring 2015: 1; Spring 2020: 1; Spring 2021: 1; Spring 2022: 2]

**Doctoral dissertation research (INST 899)**

[Enrollment: Spring 2014: 1; Fall 2014: 1; Spring 2015: 1; Fall 2015: 2; Spring 2016: 1; Fall 2016: 1; Spring 2017: 1; Fall 2017: 1; Spring 2018: 1; Fall 2022: 1; Spring 2023: 1]

## **B. COURSE OR CURRICULUM DEVELOPMENT**

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- 2021 Created a special topics course Information Institutions Roles and Responses to Crises (LBSC708X)
- 2016 Led the development of Graduate Certificate of Professional Studies in Youth Experience, including the development of the four courses for this certificate: Facilitating Youth Learning in Formal and Informal Environments (INST650), Promoting Rich Learning with Technology (INST651), Design Thinking and Youth (INST652), and Capstone in Youth Experience (INST794)
- 2015 Created an online version of Information and Universal Usability (LBSC 622)
- 2015 Created a new required course (INST 650) - Facilitating Youth Learning in Formal and Informal Environments for the MLIS Youth Experience and School Library specializations
- 2015 Led the development of a specialization on Youth Experience in the MLIS program; conducted market analysis, completed a literature review, and proposed courses and strategies for implementation.
- 2014 Created an online version of Diverse Populations, Inclusion and Information (LBSC 620)
- 2014 Created an online version of Collaborative Instructional Design and Evaluation (LBSC 742)
- 2013 Led development of a new MLIS-PBC program with the College of Education  
This new program will allow incoming MLIS students with an interest in School Library specialization, to also obtain teaching certification at the elementary or secondary level.
- 2012 Led the National Council for Accreditation of Teacher Education (NCATE) for School Library Program  
Includes preparing the initial Special Program Area report, Responses to Conditions report, and working with all school library program instructors to revise their courses to meet NCATE recommendations. The School Library Program at the University of Maryland is now nationally recognized as a NCATE accredited program through 2019.
- 2012 Extensively revised Information and Universal Usability (LBSC622) to include experiential learning
- 2011 Extensively revised School Librarian as Information Professionals (LBSC 640)
- 2010 Extensively revised Collaborative Instructional Design and Evaluation (LBSC 742)

## **C. ADVISING (OTHER THAN RESEARCH)**

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### **i. Graduate**

- Fall 2017 – Fall 2020: In my role as the Director for Youth Experience (YX) Specialization within the MLIS program, I do the following:
    - Revise (as needed) the required courses for the specialization with the faculty teaching these courses.
    - Teach at least two required courses offered in the specialization in a year.
    - Review applications for students interested in this specialization and make decisions on applications.
  - Fall 2016 – Spring 2018: In my role as the Director for the Graduate Certificate for the Professional Studies in Youth Experience (YX), I did the following:
    - Developed and revised (as needed) the four courses for the certificate program with the faculty teaching these courses.
    - Taught two out of the four courses offered in the certificate program.
    - Conducted recruitment activities such as information sessions, social media recruitment, and presentations/talks conveying the value of this certificate program.
    - Reviewed applications and make decisions on applications/scholarships
    - Encouraged students of the certificate program to share what they have learned with the communities at their state or professional networks
    - Co-presented with students in the program
    - Communicated regularly with students and faculty in the program about the courses, the challenges, and the benefits of the certificate program.
    - Informed supervisors of the YX librarians periodically about the skills that YX librarians are learning from the certificate program.
  - Fall 2011 – Spring 2013: Coordinated the mentoring program for the Information and Diverse Population (a new specialization within the MLS) funded by the Institute of Museum and Library Services (IMLS). My roles include:
    - Organizing a monthly brown-bag lunch meeting to discuss mentoring issues; and
    - Coordinating with participating partners on mentor assignments. There were 22 students in this cohort.
  - Fall 2011 – Spring 2012: In my role as the Coordinator of the School Library Specialization, I did the following:
    - Advised all students enrolled in the specialization about course requirements;
    - Supervised Independent Studies;
    - Mentored students;
    - Gathered and disseminated employment, internship, and scholarly opportunities for students in the specialization; and
    - Recruited for the specialization.
- The School Library Media specialization had approximately 60 students at that time.

**ii. Other**

Spring 2015    Advising the iDiversity Student Group (5 students) on the LaunchUMD project, Make our MakerSpaces Accessible:  
<https://www.launch.umd.edu/project/54147e7e09206564a08078ef/wall>

Spring 2011    MIM Team Experience Advisor: Dipika Raja, Ekta Badiyani, Nakul Sharma, Rikin Parekh & Phillip Loh, College of Information Studies

Team Experience Topic: *ISKCON Moving Towards Online Learning Management System*

Completion: May 2011

## **D. ADVISING (RESEARCH)**

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### **i. Masters – University of Maryland, College Park**

- Ting Hsuan Wang, MIM Thesis Advisor, College of Information Studies  
Thesis Topic: Examining features of technology tools used in online intergenerational participatory design  
Defense: November 2022
- Zahra Farhadi, MIM Thesis committee member, College of Information Studies  
Thesis Topic: How do the libraries use online media platform to reach small business owners  
Defense: May 2021
- Jane Behre, MLIS Thesis committee member, College of Information Studies  
Thesis Topic: Young Adults seeking, encountering, and evaluating sexual health information online  
Defense: May 2021
- Carrie Lindeman, HCIM Thesis committee member, College of Information Studies  
Thesis Topic: Design for just-in-time: Resource design for self-teaching computer science and online learning  
Defense: April 2020
- Marie Slaby, MLS Thesis committee member, College of Information Studies  
Thesis Topic: The relationship between children’s public library use and kindergarten literacy readiness in the state of Maryland and the county of Frederick  
Defense: May 2014
- Claire Valdivia, MLS Thesis Advisor, College of Information Studies  
Thesis Topic: Virtual youth spaces in public libraries: Developing an evaluative framework  
Defense: April 2013

### **ii. Ph.D. – University of Maryland, College Park**

Advisor for 6 doctoral students (all students from College of Information Studies):

- Alison Harding (Fall 2021 – present)
- Joanna Nicole Miller (Fall 2020 – Spring 2023)
- Nitzan Koren (Fall 2020 – present)
- Shamsun Nisa Asgarali-Hoffman (Fall 2020 – Spring 2021)
- Shandra Morehouse (Fall 2018 – Fall 2020)
- Amanda Waugh (Fall 2012 – Spring 2018) – Received doctoral degree in Spring 2018; Currently Instructional Librarian, St. Andrew’s Episcopal School, Potomac, MD.
  - Dissertation Title: A Nice Place on the Internet: An Exploratory Case Study of Teen Information Practices in an Online Fan Community
- Natalie Greene Taylor (Spring 2012 – Fall 2015) – Received doctoral degree in Fall 2015; Currently Associate Professor, School of Information, University of South Florida.
  - Dissertation Title: Information at the Nexus: Young People’s Perceptions of Government and Government Websites

1<sup>st</sup> year review committee (all students from College of Information Studies):

- Alison Harding (Spring 2022) – Chair
- Elana Blinder (Spring 2022) – Committee member
- Joanna Nicole Miller (Spring 2021) – Chair
- Nitzan Koren (Spring 2021) – Chair
- Shamsun Nisa Asgarali-Hoffman (Spring 2021) – Chair
- Sunyup Park (Spring 2021) – Committee member
- Ekta Shokeen (Spring 2020) – Committee member
- Marilyn Iriarte (Spring 2020) – Committee member
- Nekabari Sigalo (Spring 2019) – Committee member
- Eric Newburger (Spring 2019) – Committee member
- Shandra Morehouse (Spring 2019) – Chair
- Marianna J. Martindale (Spring 2015) – Committee member
- Christie Kodama (Spring 2014) – Chair
- Rebecca Follman (Spring 2014) – Committee member
- Amanda Waugh (Fall 2013) – Chair
- Natalie Greene Taylor (Fall 2012) – Chair
- Jeffrey DiScala (Spring 2011) – Committee member

Integrative paper defense (all students from College of Information Studies):

- Jane Behre (Spring 2023) – Committee member
- Nitzan Koren (Spring 2022) – Chair
- Joanna Nicole Miller (Spring 2022) – Chair
- Ekta Shokeen (Spring 2021) – Committee member
- Marilyn Iriarte (Fall 2020) – Committee member
- Shandra Morehouse (Fall 2020) – Chair
- Eric Newburger (Summer 2020) – Committee member
- Nihal Katirchi (Summer 2020) – Committee member
- Amy Wickner (Spring 2019) – Committee member
- Amanda Waugh (Spring 2014) – Chair
- Natalie Greene Taylor (Fall 2013) – Chair
- Dennis Lingers (Summer 2011) – Committee member
- Susan Copeland Wilson (Fall 2011) – Committee member
- Jeffrey DiScala (Fall 2011) – Committee member

Comprehensive exam committee:

- Kenyatta Crenshaw (Spring 2012), Department of Education Policy Studies, College of Education – Committee member

Preliminary exam committee:

- Kathryn Kaczmarek (Spring 2015), Department of English, College of Arts and Humanities – Committee member



Dissertation committee (all students from College of Information Studies):

- Kelly Hoffman (Spring 2019 – Summer 2023) – Committee member
- Ekta Shokeen (Summer 2022 – Spring 2023) – Committee member
- Daniel Pauw (Spring 2017 – Summer 2023) – Committee member
- Nihal Katirchi (Fall 2020 – Spring 2023) – Committee member
- Brenna McNally (Fall 2016 – Fall 2018) – Committee member
- Christie Kodama (Fall 2016 – Spring 2019) – Committee member
- Jeffrey DiScala (Spring 2013 – Spring 2016) – Committee member
- Amanda Waugh (Fall 2014 – Spring 2018) - Chair
- Natalie Greene Taylor (Spring 2013 - Fall 2015) - Chair
- Susan Copeland Wilson (Spring 2012 – Spring 2014) – Committee member

Dissertation committee for students from other colleges at UMD (serving as Graduate School Dean Representative):

- Kellyn Farlow (Spring 2018 – present), Department of Teaching, Learning, Policy, and Leadership, College of Education
- Maisha Huq (Fall 2022 – Spring 2023), Department of Behavioral and Community Health, School of Public Health
- Carmen Durham (Fall 2019 – Fall 2020), Department of Teaching, Learning, Policy, and Leadership, College of Education
- Kelly Mills (Spring 2017 – Spring 2019), Department of Teaching, Learning, Policy, and Leadership, College of Education
- Kenyatta Crenshaw (Spring 2014), Department of Teaching, Learning, Policy, and Leadership, College of Education

### **iii. Junior/Mid-career Faculty Mentorship**

- Amelia Gibson (Fall 2022-Spring 2023), Advising the advancement of research agenda.
- Jessica Vitak (Fall 2022-Spring 2023), Advising the advancement of research agenda.
- Vanessa Frias-Martinez (Spring 2022), Advising the advancement of research agenda.
- Tamara Clegg (Fall 2021-Spring 2022), Advising the advancement of research agenda.
- Ana Ndumu (Fall 2020-Spring 2021), Advising the development of research agenda and research/teaching statements.
- Mols Sauter (Fall 2020-Spring 2021), Advising the development of research agenda and research/teaching statements.
- Caroline Williams-Pierce (Fall 2019-Spring 2020), Advising the development of research agenda and research/teaching statements.
- Amanda Lazar (Fall 2019-Spring 2020), Advising the development of research agenda and research/teaching statements for contract renewal.

- Caroline Williams-Pierce (Fall 2019-Spring 2020), Advising the development of research agenda and research/teaching statements.
- Katrina Fenlon (Fall 2018-Spring 2019), Advising the development of research agenda and research/teaching statements.
- Joel Chan (Fall 2018-Spring 2019), Advising the development of research agenda and research/teaching statements.
- Jessica Vitak (Fall 2015-Spring 2016), Advising the development of research agenda and research/teaching statements for contract renewal.
- Leah Findlater (Fall 2015-Spring 2016), Advising the development of research agenda and research/teaching statements.
- David Weintop (Fall 2017-Spring 2018), Advising the development of research agenda and research/teaching statements.
- Elizabeth Bonsignore (Fall 2017-Spring 2018), Advising the development of research agenda and research/teaching statements.
- Amelia Gibson (UNC Chapel Hill) (2017-2020), Research mentor for IMLS's Laura Bush 21<sup>st</sup> Century Librarian Program

#### **iv. Advisory board member for external research**

- Training future faculty in Library, AI, and Data Driven Education and Research, *University of Texas, Austin*, 2022-2025 (funded by IMLS, PI: Soo Young Rieh)
- Librarian and children as design team partners: Creating a digital game for young Innovators, *Syracuse University*, 2022-2025 (funded by IMLS, PI: Marilyn Arnone)
- Libraries Count: Co-Developing a Professional Learning Program to Build Capacity of Library Staff to Support Diverse Young Children and their Families in Math. *East Tennessee State University*, 2022-2025 (funded by IMLS, PI: Allissa Lange)
- Post-Pandemic Virtual Experiences with Children's Museums: Responding to Family, Educator, and Museum Needs and Expectations. *Association of Children's Museums*, 2022-2025 (funded by IMLS, PI: Jen Rehkamp)
- Future of youth public librarian education, *University of North Carolina, Chapel Hill*, 2020-2022 (funded by IMLS, PI: Brian Sturm)
- Libraries Ready to Code, *American Library Association*, 2016-2017 (funded by Google – PI: Marijke Visser)
- Project READY: Reimagining equity and access for diverse youth, *University of North Carolina, Chapel Hill*, 2016-2019 (funded by IMLS, PI: Sandra Hughes-Hassell)
- National forum on transforming teen services through continuing education, *Young Adult Library Services Association (YALSA)*, 2017-2018 (funded by IMLS, PI: Beth Yoke)
- Exploring OER curation and the role of school librarians, *Institute for the Study of Knowledge Management in Education, California*, 2017-2019 (funded by IMLS, PI: Lisa Petrides)
- Rural engagement to advance learning In STEM digitally (REALISD) in school libraries,

*University of West Georgia, 2017-2020 (funded by IMLS, PI: Melissa Johnston)*

- Leveraging Computer Science to build connected teen services: Best practice, knowledge, and skills, *Young Adult Library Services Association (YALSA), 2018-2021 (funded by IMLS, PI: Beth Yoke)*
- Young Researchers: Collaborating with youth and libraries for community-based scholarship, University of Illinois at Urbana-Champaign, 2018-2021 (funded by IMLS: PI: Rachel Magee).

## 4. SERVICE

### A. PROFESSION

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#### i. Offices and committee memberships held in professional organizations

2023	Chair of the ALISE Diversity Travel Award
2023	Chair of the Doctoral Student to ALISE Award
2021	Jury for ASIS&T Outstanding Teaching Award
2020-2023	Director of Programming and Board Member, Association for Library and Information Science Education (ALISE)
2020-2021	Co-Chair iConference Early Career Colloquium
2019-2020	Ad-hoc Committee Member for <a href="#">The Role of Authentic STEM learning experiences, Board on Science Education</a> , The National Academies of Sciences, Engineering, and Medicine [selected and appointed; consensus national report published in January 2021]
2019-2020	Co-Chair ASIS&T Juried Panel and Alternate Events, Association for Information Science and Technology (ASIS&T)
2019	General Co-Chair, iConference
2018-2019	Chair, American Library Associate Ready to Code Taskforce
2016-2019	Board Member-at-Large, Young Adults Library Service Association (YALSA)
2016-2017	Co-Chair ASIS&T Juried Papers, Association for Information Science and Technology (ASIS&T)
2016-2017	Co-Chair, Association for Library and Information Science Education (ALISE) Conference, Co-Chair ALISE Juried Panel
2016	Cohort participant, "Collective Wisdom: Libraries, Archives, and Museums Conference Exchange", Coalition to Advance Learning in Archives, Libraries, and Museums
2015-2016	Member, AASL Committee of Scholars Task Force, American Association of School Librarians (AASL)

- 2015-2017 Co-Chair, International Relations Committee, Association for Information Science and Technology (ASIS&T)
- 2015-2016 Co-Chair, Doctoral Poster Competition, Association for Library and Information Science Education (ALISE) conference
- 2014-2019 Member, AASL Publications Committee, American Association of School Librarians (AASL)
- 2014-2016 Member, YALSA Research Committee, Young Adult Library Service Association (YALSA)
- 2014-2016 Member, Presidential Advisory Committee for Sari Feldman, currently President for the American Library Association [committee consisted of 6 members nationwide]
- 2014-2016 Virtual Member of the Research Committee, Young Adult Library Services Association (YALSA)
- 2014-2015 Virtual Member of the Frances Henne Award Jury, Young Adult Library Services Association (YALSA)
- 2014 & 2016 Invited participant, "Causality: School Libraries and Student Success (CLASS)" Research Summit, American Association of School Librarians (AASL)
- 2014 Committee Member, American Association of School Librarians (AASL) Standards to Next Generation Science Standards Crosswalk Task Force
- 2013 Co-Chair, The Association for Information Science and Technology (ASIST) SIG-USE Symposium
- 2013-present Program Accreditation Reviewer, National Council for Accreditation of Teacher Education (NCATE)/American Association of School Librarians (AASL) (Special Program Area: School Libraries)
- 2013-2014 Program Committee Member, Association for Library and Information Science Education (ALISE)
- 2013 Program Committee Member, iConference
- 2011-2013 ALISE/Eugene Garfield Doctoral Dissertation Award Committee member, Association for Library and Information Science Education (ALISE)
- 2010, 2014 Doctoral Poster Competition Judge, Association for Library and Information Science Education (ALISE) conference
- 2013-2015 Co-Chair, Association for Library and Information Science Education (ALISE), School Library SIG
- 2005-2006 Technical Program Chair Assistant, Special Interest Group in Information Technology Education (SIGITE), Association for Computing Machinery (ACM)

Member:

- American Library Association (ALA)
- American Association of School Librarians (AASL)
- Young Adult Library Services Association (YALSA)
- Association for Library and Information Science Education (ALISE)
- The Association for Information Science and Technology (ASIS&T)

## ii. Reviewing activities for agencies

Grant reviewer (number of proposals in brackets):

- Netherlands Organization for Scientific Research – 1 year (1)
- Institute of Museum and Library Services, Various grant programs – 3 years (11, 10, 5)
- National Science Foundation, Cross-cutting program – 4 years (9, 11, 8, 6)
- Microsoft Seed Fund for National Center for Women and Information Technology Academic Alliance – 1 year (2)
- UMD National Science Foundation, ADVANCE Seed Grant – 1 year (1)

## iii. External reviewer for promotion and tenure

- 2023 - Reviewed for Associate Professor promotion and tenure for 1 faculty
- 2022 - Reviewed for Associate Professor promotion and tenure for 1 faculty; and Professor promotion for 3 faculty
- 2021 - Reviewed for Associate Professor promotion and tenure for 1 faculty
- 2019 - Reviewed for Associate Professor promotion and tenure for 1 faculty
- 2018 - Reviewed for Associate Professor promotion and tenure for 3 faculty (one international), and Senior Lecturer promotion for 1 faculty
- 2017 - Reviewed for Associate Professor promotion and tenure for 2 faculty
- 2016 – Reviewed for Associate Professor promotion and tenure for 1 faculty

## iv. Other unpaid services to local, state, and federal agencies

- |           |  |
|-----------|--|
| 2022-2023 | Ex-officio member (on behalf of Dean Marzullo), Maryland State Library Board   |
| 2011      | Member, Search Committee for School Library Supervisor for Montgomery County Public Schools, Rockville, MD   |
| 2011-2014 | Member, National Library of Medicine/Universities at Shady Grove/University of Maryland Working Group, Universities at Shady Grove, Shady Grove, MD      |
| 2010-2011 | Member, Think Tank Group on Performance Evaluation for School Librarians in the State of Maryland, Maryland State Department of Education, Baltimore, MD |
| 2009-2012 | Member, School Library Media Advisory Committee, Maryland State Department of Education, Baltimore, MD   |

**B. CAMPUS**

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**i. College of Information Studies, University of Maryland**

- 2021-2023 ADVANCE Professor for College of Information Studies
- 2021-2022 Member, Appointment, Review, Promotion, and Tenure - Record Preparation Committee, (For Assistant Professor: David Weintrop)
- 2020-2021 Member, Appointment, Review, Promotion, and Tenure - Annual Review Committee and Merit Pay
- 2020-2021 Member, Arbitrary and Capricious Grading Committee
- 2019-2020 Chair, Faculty Search Committee for Library Innovation (Open-rank)
- 2018-2019 Co-chair, Faculty Search Committee for Youth Experience (Assistant Professor)
- 2018-2021 Member, Doctoral Program Committee
- 2018-2019 Member, Appointment, Review, Promotion, and Tenure - Record Preparation Committee, (For Assistant Professors: Ricardo Punzalan and Jessica Vitak)
- 2017-2018 Member, Faculty Search Committee for Archives and Data Curation
- 2017-2018 Member, College Advisory Committee
- 2017-2018 Member, Appointment, Review, Promotion, and Tenure - Record Preparation Committee, (For Assistant Professor: Beth St. Jean)
- 2015-present Member, Appointment, Review, Promotion, and Tenure
- 2015-2016 Member, Appointment, Review, Promotion, and Tenure - Annual Review Committee (Contract renewal and annual reviews)
- 2015-2016 Member, Appointment, Review, Promotion, and Tenure - Record Preparation Committee, (For Assistant Professor: Katie Shilton)
- 2015-2016 Member, Communications Advisory Committee
- 2015-2016 Member, Faculty Search Committee
- 2015-2016 Member, iSchool Advisor Search Committee
- 2015 Co-chair of the Conference on Inclusion and Diversity in Library and Information Science, College of Information Studies and iPAC
- 2014-2015 Member, MLS Committee
- 2014-2016 Co-chair, Working Committee, Youth Experience specialization in the MLIS
- 2014-2015 Member, Nominating Committee
- 2013-2014 Member, Online Programs Committee
- 2012-2014 Member, Research Committee
- 2012-2014 Chair, Awards Committee
- 2012-2013 Member, Nominating Committee

2012 & 2014 Co-chair of Symposium on Diversity in Library and Information Science Education, College of Information Studies and iPAC

2011-2012 Co-convener of Co-Global Participation Research Committee

2011-2012 Member, MLS Committee

2011-2012 Member, Learning Outcomes Sub-Committee

2010-2011 Member, Faculty Search Committee

2009-2012 Member, Diversity Committee

2009-2010 Member, Professional Education Committee

## **ii. College of Education, University of Maryland**

2011-2012 Member, Professional Development Schools Committee

2011-2012 Member, Initial Teacher/Educator Preparation Committee

2010-2012 Member, NCATE Accreditation Committee

## **iii. University of Maryland, College Park**

2022-2023 Member, UMD Associate Director of Faculty Initiatives Search Committee

2021-2022 Member, UMD Faculty Ombuds Search Committee

2020-2021 Member, Committee to Review Dean Keith Marzullo (5-year review)

2020-2021 Member, President Darryll J. Pines Transition Steering Committee

2018-2019 Member, UMD Senate Nominations Committee

2018-2019 Member, UMD Libraries Dean Search Committee

2015-2016 Member, Center/Lab Directors Task Force Meeting

2015-2016 Member, iSchool Dean Search Committee