

Dr. Andrea R. Harkins-Brown

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Education

EdD	Instructional Technology, Towson University (2017)
Admin I	Certificate of Advanced Study in Educational Leadership and School Improvement, Administrator I Certification, Goucher College (2011)
MS	Special Education, Johns Hopkins University (2006)
BS	Special Education, Towson University (2004)

Experience

2026-Present	Associate Research Professor, School of Education, Johns Hopkins University
2023-Present	Program Director for Disability Policy and Systems Change, Center for Technology in Education, School of Education, Johns Hopkins University
2019-2026	Assistant Research Scientist, School of Education, Johns Hopkins University
2022-2023	Assistant Deputy Director, IDEALS Institute, School of Education, Johns Hopkins University
2019-2022	Director of Development and Learning Systems, IDEALS Institute, School of Education, Johns Hopkins University
2017-2019	Assistant Professor, Department of Special Education, College of Education, Towson University
2015-2019	Graduate Program Director, Department of Special Education, College of Education, Towson University
2015-2017	Clinical Instructor, Department of Special Education, College of Education, Towson University
2015-2017	Lecturer, Department of Special Education, College of Education, Towson University
2009-2015	Course Developer and Adjunct Instructor, Goucher College
2008-2011	Specialist, Office of Special Education, Baltimore County Public Schools
2007-2008	Special Education Resource Teacher, Office of Special Education, Baltimore County Public Schools
2004-2007	Special Educator, Baltimore County Public Schools

Honors and Awards

2019 Leading Women Award, The Daily Record (2019)

Gloria A. Neubert Excellence in Teaching Award, Towson University College of Education (2019)

Graduate Student Research Impact Award, Towson University Office of Graduate Studies (2018)

Best Student Paper Award, American Educational Research Association (AERA) Instructional Technology SIG (2018)

Graduate Student Fellowship Award, Towson University Office of Graduate Studies (2016-2017)

Louise Lippy McHahan Memorial Scholarship, Towson University College of Education (2015-2016)

Publications*

**Previously published under the name Andrea H. Parrish.*

Peer-Reviewed Journal Articles

- Mishra, P., Milman, N. B., Trumble, J., & **Harkins-Brown, A. R.** (2026). The crisis we earned: Educational technology research and teacher education. *Journal of Technology and Teacher Education*, 34(2), 141–153. <https://doi.org/10.70725/204083qohprp>
- France, M., & **Harkins-Brown, A. R.** (2026.). The hidden cost of teacher burnout: Implications for student learning and well-being. *The Clearinghouse: A Journal of Educational Strategies, Issues, and Ideas*. 1–9. <https://doi.org/10.1080/00098655.2026.2661785>
- Harkins-Brown, A. R.**, Carling, L., Satchell, T., Muirhead, M., & Leger, C. (2026.). The impact of Routines-Based Interview training on the quality of Individualized Family Services Plans: A statewide comparison of local education agencies. *Topics in Early Childhood Special Education*. Online First. <https://doi.org/10.1177/02711214261428111>
- Harkins-Brown, A. R.** (2025). Harkins-Brown, A.R. (2025). What we learned about technology and teacher education in 2025: Submissions and publication data from the 2025 volume of the Journal of Technology and Teacher Education. *Journal of Technology and Teacher Education*, 33(4), 561-580. <https://doi.org/10.70725/317826ghejwv>

- Harkins-Brown, A. R.** (2025). Reaffirming our purpose: The enduring role of research in technology and teacher education. *Journal of Technology and Teacher Education*, 33(2), 289-299. <https://doi.org/10.70725/304786gsoobo>
- Harkins-Brown, A. R.**, Carling, L., & Peloff, D. (2025). Artificial intelligence in special education. *Encyclopedia of Education Sciences*, 5(1), 11. <https://doi.org/10.3390/encyclopedia5010011>
- Harkins-Brown, A. R.**, Gillon, G., & Schanbacher, A. (2024). Results of a competency-based approach to prepare general educators to effectively include students with disabilities. *Education Sciences*, 14(5), 475. <https://www.mdpi.com/2227-7102/14/5/475>
- Kouo, J., **Harkins-Brown, A. R.**, Phung, V. (2023). Reported policies, guidance, and related resources for the determination of special education and related services. *Journal of Special Education*, 58(2), 100-110. <https://doi.org/10.1177/00224669231218451>
- Carey, L., **Harkins-Brown, A. R.**, Ruble, K., Pare-Blagoev, E., Milla, K., Thornton, C., Henegan, S., & Jacobson, L. (2022). Improving assistive technology access for students with chronic and complex medical conditions: Lessons learned from young cancer survivors. *Teaching Exceptional Children*, 55(4), 238-243. <https://doi.org/10.1177/00400599221117824>
- Parrish, A. H.** & Sadera, W. A. (2020). Teaching competencies for student-centered, one-to-one learning environments: A Delphi study. *Journal of Educational Computing Research*, 57(8), 1910-1934. <https://doi.org/10.1177/0735633118816651> [*Republished in 2020]
- Parrish, A. H.** & Richman, L. J. (2020). Dual perspectives on learning analytics in higher education. *Journal of Applied Research in Higher Education*, 12(1), 4-14. <https://doi.org/10.1108/JARHE-12-2018-0254>
- Parrish, A. H.** (2020). "One-to-One Technology in the K-12 Classroom." In Oxford Bibliographies in Education. Ed. Anne Hynds. New York: Oxford University Press. Doi: 10.1093/OBO/9780199756810-0255 <https://www.oxfordbibliographies.com/view/document/obo-9780199756810/obo-9780199756810-0255.xml?rskey=f5PnoQ&result=1&q=one-to-one+technology#firstMatch>
- Parrish, A. H.** & Sadera, W.A. (2019). A review of faculty development models that build teacher educators' technology competencies. *Journal of Technology and Teacher Education*, 27(4), 437-464. <https://www.learntechlib.org/primary/p/208226/>
- Parrish, A. H.** & Sadera, W. A. (2018). Teaching competencies for student-centered, one-to-one learning environments: A Delphi study. *Journal of Educational Computing Research*, 57(8), 1910-1934. <https://doi.org/10.1177/0735633118816651>

Peer-Reviewed Book Chapters

- Harkins-Brown, A. R.**, Carey, L., Goldthwait-Fowles, H., Kouo, J., & Moore, E. (2023). Activating universally designed supports in one-to-one learning environments: Low investment, high reward. In R. E. Ferdig, R. Hartshorne, E. Baumgartner, R. Kaplan-Rakowski, & C. Mouza (Eds.), *What prek-12 teachers should know about educational technology in 2023: A research-to-practice anthology*. Association for the Advancement of Computing in Education. <https://learntechlib.org/p/222690/>
- Harkins-Brown, A. R.**, & Flood, M. (2023). Special education policy in the United States and Ireland: Comparisons and analysis through the lens of Universal Design for Learning. In K. Koreeda, M. Tsuge, S. Ikuta, E. Dalton, & L. Ewe (Eds.), *Handbook of research on global movements toward inclusive K-12 and higher education settings*. IGI Global. <https://www.igi-global.com/chapter/special-education-policy-in-the-united-states-and-ireland/324857>
- Parrish, A. H.**, Kouo, J., Carey, L., & Swanson, R. C. (2021). Implementing Universal Design for Learning in the virtual learning environment. In M. Neiss & H. Gillow-Wiles (Eds.), *Transforming teachers' online pedagogical reasoning for teaching K-12 students in virtual learning environments*. IGI Global. doi: 10.4018/978-1-7998-7222-1.ch003

Peer-Reviewed Proceedings Papers

- Carling, L., **Harkins-Brown, A. R.**, & Peloff, D. (2024). Application of artificial intelligence to improve the quality of Individualized Education Programs (IEPs) for students with disabilities. In J. Cohen & G. Solano (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference* (pp. 1917-1919). Las Vegas, NV, United States: Association for the Advancement of Computing in Education (AACE). <https://www.learntechlib.org/primary/p/224233/>
- Parrish, A. H.** & Sadera, W. (2017). Preliminary results of a Delphi study to identify teacher competencies needed in one-to-one learning environments. In P. Resta & S. Smith (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference* (pp. 1042-1043). Austin, TX, United States: Association for the Advancement of Computing in Education. <https://www.learntechlib.org/p/177888>
- Sadara, W., & **Parrish, A. H.** (2016). The one-to-one classroom: Are we preparing preservice teachers for technologically advanced learning environments? In G. Chamblee & L. Langub (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference* (pp. 2315-2316). Savannah, GA, United States: Association for the Advancement of Computing in Education. <https://www.learntechlib.org/primary/p/172018/>
- Foulger, T. S., Graziano, K. J., Schmidt-Crawford, D. A., Slykhuus, D. A., Chang, Y. L., Christensen, R., Dillon, D. R., Heath, M. K., Knezek, G., Krutka, D. G., **Parrish, A. H.**, Sadera, W. A., & Thomas, A. (2020). Fostering new research following the Teacher Educator Technology Competencies (TETCs): Research from the JTATE special issue, Preparing All Teacher Educators to Support Teacher Candidates' Integration of Technology. In D. Schmidt-Crawford (Ed.), *Proceedings of Society for Information Technology and Teacher Education International Conference* (pp. 436-443). Association for the Advancement of Computing in Education. <https://www.learntechlib.org/primary/p/215777/>
- Parrish, A. H.**, & Sadera, W. (2016). Not another workshop: Designing quality faculty development that supports technology use in teacher education. In G. Chamblee & L. Langub (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 3011-3014). Savannah, GA, United States: Association for the Advancement of Computing in Education. <https://www.learntechlib.org/primary/p/172392/>

Technical Reports and White Papers

- Harkins-Brown, A. R.**, & Wu, Y. (2025). *Exploring AI for IEP translation: A brief report on research insights and key considerations*. Center for Technology in Education, Johns Hopkins University School of Education. <http://bit.ly/448CM2p>
- Harkins-Brown, A. R.**, Shelton, A., & Phung, V. (2024). *Graduation and dropout rates of students in the Capital School District: Findings of a root cause analysis and research-based recommendations for intervention*. Center for Technology in Education, Johns Hopkins University School of Education. <https://bit.ly/4f2M9DB>
- Kouo, K., **Harkins-Brown, A. R.**, & Phung, V. (2022). *Every minute counts: Calculating IEP services to improve student outcomes – report of the existing policies, guidance, and related resources*. IDEALS Institute, Johns Hopkins University School of Education. https://www.k12.wa.us/sites/default/files/public/specialed/pubdocs/EMC_LitReviewReport.pdf
- Harkins-Brown, A. R.**, Kouo, J., & Bharadwaj, N. (2022). *The initial impact of COVID-19 on individuals with autism spectrum disorder and their families: A white paper by the IDEALS Institute*. IDEALS Institute, Johns Hopkins University School of Education. <https://bit.ly/4jKJIN3>
- Parrish, A. H.**, Egorin-Hooper, S., Gillon, N., Swanson, C., & Dunford, P. (2020). *The reimagining professional learning/opportunity grant: Results of a landscape analysis conducted in partnership between the Johns Hopkins*

Online Articles

- Parrish, A. H.** (2020). *Developing partnerships with families of children with disabilities: Seven principles for success*. <https://marylandfamiliesengage.org/developing-partnerships-with-families-of-children-with-disabilities-seven-principles-for-success/>
- Parrish, A. H.** (2017). *Assistive technology to support students with special needs*. Guest blog post for the Kennedy Krieger Institute Center for Innovation and Leadership in Special Education's *Linking Research to Classrooms: A Blog for Educators*. <https://www.kennedykrieger.org/stories/linking-research-classrooms-blog/assistive-technology-support-students-special-needs>
- Parrish, A. H.** (2017). *Digital resource round-up: Assistive technology*. Guest blog post for the Kennedy Krieger Institute Center for Innovation and Leadership in Special Education's *Linking Research to Classrooms: A Blog for Educators*. <https://www.kennedykrieger.org/stories/linking-research-classrooms-blog/digital-resource-round-assistive-technology>

Conference Presentations

Peer-Reviewed Conference Presentations

- Harkins-Brown, A. R.**, Carling, L., & Peloff, D. (2026, March). *Setting a research standard for AI supported IEP development*. Presentation conducted at the Society for Information Technology and Teacher Education Conference (SITE).
- Kay Rice, D., Trumble, J., Choo, S., & **Harkins-Brown, A. R.** (2026, March). *TPACK in practice: Operationalizing exploration*. Roundtable discussion conducted at the Society for Information Technology and Teacher Education Conference (SITE).
- Searson, M., **Harkins-Brown, A. R.**, Bastiaens, T., Crawford, D., Mouza, C., & Sadera, W. (2026, March). *Academic publishing in the age of AI: Oh, my!* Panel conducted at the Society for Information Technology and Teacher Education Conference (SITE).
- Kim, N., Kim, M., Rand, A., Comstock, K., Azukas, M. E., Gibson, D., Brenes, V., Ren, X., Outerbridge, S., Carling, L., **Harkins-Brown, A. R.**, Larson, L., Morgan, D., Zlv, E., & Heafner, T. (2026, March). *From proposal to publication: Practices and lessons learned in creating a SIG instructional design ebook – AI for, with, and by instructional design*. Symposium conducted at the Society for Information Technology and Teacher Education Conference (SITE).
- Harkins-Brown, A. R.**, Carling, L., O'Connor, T., & Patton, G. (2026, March). *Strategic AI integration to improve IEP quality: Early-stage modeling from a systems perspective*. Presentation conducted at the Council for Exceptional Children (CEC) Annual Convention and Expo.
- Rovito, D., Schanbacher, A., & **Harkins-Brown, A. R.**, (2026, March). *Implementing an early warning system to support on-time graduation of students with disabilities*. Presentation conducted at the Council for Exceptional Children (CEC) Annual Convention and Expo.
- Schanbacher, A., **Harkins-Brown, A. R.**, & Rovito, D. (2026, March). *Bridging the gap: Improving IEP implementation with the IEP Cycle Measurement Tool*. Presentation conducted at the Council for Exceptional Children (CEC) Annual Convention and Expo.
- Harkins-Brown, A. R.**, Carling, L., & Peloff, D. (2025, March). *Charting the future for AI integration in Maryland's Online IEP System (MOIEP) through stakeholder-driven innovation*. Virtual presentation conducted at the Society for Information Technology and Teacher Education Conference (SITE).

- Harkins-Brown, A. R.** (2025, March). *Using a practice-based tool to measure high-quality development and implementation of IEPs*. Presentation conducted at the Council for Exceptional Children (CEC) Annual Convention and Expo.
- Schanbacher, A., **Harkins-Brown, A. R.**, & Benson, S. (2025, March). *LRE decision-making: An implementation science approach to improve IEP service determinations*. Presentation conducted at the Council for Exceptional Children (CEC) Annual Convention and Expo.
- Carling, L., **Harkins-Brown, A. R.**, & Peloff, D. (2024, March). *Application of artificial intelligence to improve the quality of Individualized Education Programs (IEPs) for students with disabilities*. Presentation conducted at the Society for Information Technology and Teacher Education Conference (SITE).
- Harkins-Brown, A. R.** (2024, March). *Creating an inclusive mindset: Flipping the script on Least Restrictive Environment (LRE) decision-making*. Presentation conducted at the Council for Exceptional Children (CEC) Annual Convention and Expo.
- Harkins-Brown, A. R.** (2023, March). *Pilot results from a competency-based program in special education*. Presentation conducted at the Council for Exceptional Children (CEC) Annual Convention and Expo.
- Harkins-Brown, A. R.**, Copeland, K., Egorin-Hooper, S., Osgood, J., & Schanbacher, A. (2023, March). *A multi-tier intervention to support systemic change in special education*. Presentation conducted at the Council for Exceptional Children (CEC) Annual Convention and Expo.
- Parrish, A. H.**, Osgood, J., & Peppard, A. (2022, January). *Action teaming to create systems change: Reimagining special education in the Capital School District*. Presentation conducted at the Council for Exceptional Children (CEC) Annual Convention and Expo.
- Parrish, A. H.**, & Dunford, P. (2021, March). *Reimagining the Capital School District: A school-university partnership to improve inclusive practices*. Presentation conducted at the Council for Exceptional Children (CEC) Annual Convention and Expo.
- Parrish, A. H.** (2020, March). *IDEALS Institute: Innovations in development, engagement, and learning systems*. Poster session conducted at the Society for Information Technology and Teacher Education Conference (SITE).
- Parrish, A. H.**, Kouo, J., Hoppin, K., & Richman, L. (2020, March). *Preparing teacher candidates to integrate technology to support exceptionality in the classroom*. Symposia presented at the Society for Information Technology and Teacher Education Conference (SITE).
- Parrish, A. H.** (2020, March). *Balancing the focus of assistive technology, instructional technology, and Universal Design for Learning in teacher preparation programs*. Presentation conducted at the Society for Information Technology and Teacher Education Conference (SITE).
- Foulger, T. S., Graziano, K. J., Schmidt-Crawford, D. A., Slykhuus, D. A., Chang, Y. L., Christensen, R., Dillon, D. R., Heath, M. K., Knezek, G., Krutka, D. G., **Parrish, A. H.**, Sadera, W. A., & Thomas, A. (2020, March). *Fostering new research following the Teacher Educator Technology Competencies (TETCs): Research from the JTATE special issue, preparing all teacher educators to support teacher candidates' integration of technology*. Panel presentation at the Society for Information Technology and Teacher Education Conference (SITE).
- Dalton, E. M., Gronseth, S. L., Ikuta, S., **Parrish, A. H.**, Cooper, K., Anderson, C. L., & Anderson, K. M. (2020, March). *Implementing inclusive instruction, Universal Design for Learning, and assistive technology around the world: An international roundtable discussion*. Roundtable session conducted at the Society for Information Technology and Teacher Education Conference (SITE).
- Parrish, A. H.** & Sadera, W. A. (2019, June). *Application of the one-to-one learning environment competencies for teachers*. Presentation conducted at the International Society for Technology in Education (ISTE) Conference.
- Parrish, A. H.** (2019, March). *Preparing educators of students with Autism Spectrum Disorder to integrate virtual reality technology: A case study in graduate education*. Presentation conducted at the Society for Information Technology and Teacher Education Conference (SITE).

- Parrish, A. H., McNary, S., & Sadera, W. A.** (2019, March). *Validation of teaching competencies needed to facilitate instruction in student-centered, one-to-one learning environments*. Presentation conducted at the Society for Information Technology and Teacher Education Conference (SITE).
- Parrish, A. H. & Sadera, W. A.** (2019, March). *Application of the one-to-one learning environment competencies to support teacher readiness and technology integration*. Presentation conducted at the Society for Information Technology and Teacher Education Conference (SITE).
- Parrish, A. H. & Sadera, W. A.** (2018, April). *A Delphi study to identify an inventory of teaching competencies needed to facilitate instruction in student-centered, one-to-one learning environments*. Poster presentation conducted at the Annual Meeting of the American Educational Research Association (AERA).
- Parrish, A. H. & Sadera, W. A.** (2018, March). *A Delphi study to identify an inventory of teaching competencies needed to facilitate instruction in student-centered, one-to-one learning environments*. Presentation conducted at the Society for Information Technology and Teacher Education Conference (SITE).
- Foulger, T. S., Graziano, K. J., **Parrish, A. H.**, Sadera, W. A., Schmidt-Crawford, D. A., & Slkyhuis, D. (2017, March). *Employing Delphi methodology in educational technology research*. Panel presentation at the Society for Information Technology and Teacher Education Conference (SITE).
- Parrish, A. H., & Sadera, W. A.** (2017, March). *A Delphi study to develop an inventory of competencies needed to facilitate instruction in student-centered, one-to-one learning environment*. Presentation conducted at the Society for Information Technology and Teacher Education Conference (SITE).
- Richman, L., **Parrish, A. H.**, & Heath, M. (2017, March). *Technology to support and enhance professional development schools: Discussion of the School University Partnerships special issue*. Presentation conducted at the National Association of Professional Development Schools (NAPDS) Conference.
- Parrish, A. H., & Sadera, W. A.** (2016, March). *Not another workshop: Designing quality faculty development that supports technology use in teacher education*. Paper presented at the Society for Information Technology and Teacher Education Conference (SITE).
- Sadara, W. A., & **Parrish, A. H.** (2016, March). *The one-to-one classroom: Are we preparing preservice teachers for technologically advanced learning environments?* Paper presented at the Society for Information Technology and Teacher Education Conference (SITE).

Invited Presentations

- Carling, L., & **Harkins-Brown, A. R.** (2026, May). *Demystifying artificial intelligence: Practical tools for people with disabilities and their families*. Presentation conducted at The Arc Maryland Convention. Ellicott City, MD.
- Harkins-Brown, A. R., & Carling, L. (2026, April). *Demystifying artificial intelligence: Practical tools for families of students with disabilities*. Presentation conducted for Partners for Success (P4S) Center. Harford County, MD.
- Harkins-Brown, A. R.** (2026, March). *Publishing in JTATE: Editorial priorities and how to position your work for success*. Presentation conducted at the Society for Information Technology and Teacher Education Conference (SITE).
- Harkins-Brown, A. R.** (2026, March). *Using early warning indicators to improve graduation outcomes for students with disabilities*. Pre-conference workshop conducted at the Council for Exceptional Children (CEC) Annual Conference.
- Ritzhaupt, A., Mouza, C., Schmidt-Crawford, D., West, R., Shoffner, M., Searson, M., Moore, S., & **Harkins-Brown, A. R.** (2025, September). *Editors' panel: The research we need to solve grand challenges in technology and teacher education*. National Technology Leadership Summit. Washington, DC.

Harkins-Brown, A. R. & Wiley, S. (2025, March). *Transforming service delivery: Ensuring equity in Least Restrictive Environment (LRE) decision-making*. Pre-conference workshop conducted at the Council for Exceptional Children (CEC) Annual Conference.

Carling, L., **Harkins-Brown, A. R.**, & Peloff, D. (2024, December). *Artificial intelligence in special education: Improving services and reducing teacher burnout*. Maryland K-12 AI Leadership Conference, Government Technology Center for Digital Education. Annapolis, MD.

Ferdig, R. E., Hartshorne, R., Baumgartner, E., **Harkins-Brown, A. R.**, Powers, J., Musgrove, A. T., Kic-Drgas, J., Morris, G. Barbour, M. K., Hodges, C. B., Short, C. R. (2023, August). *What pre-k-12 teachers should know about educational technology in 2023: A research-to-practice anthology*. SITE Interactive 2023 Online Conference.

Non-Peer-Reviewed Conference Presentations

Harkins-Brown, A. R. (2025, March). *Excel-ing at progress monitoring: How to use Microsoft Excel or Google Sheets to track growth for students with disabilities*. Presentation conducted at the 2025 Capital School District i5 Teaching and Learning Conference.

Harkins-Brown, A. R. & Swanson, R. C. (2022, November). *Pebbles in the water: Using systems thinking to bring transformative change to education*. Presentation conducted at the Johns Hopkins University School of Education EdFest.

Harkins-Brown, A. R. (2022, November). *Development and pilot implementation of the IMPACT program: A competency-based continuing education program in special education*. Presentation conducted at the Johns Hopkins University School of Education EdFest.

Harkins-Brown, A. R., & Egorin-Hooper, S. (2022, March). *Characteristics of inclusive schools: Practical strategies for making every student feel welcomed and valued*. Presentation conducted at the 2022 Capital School District i5 Teaching and Learning Conference.

Parrish, A. H., Kouo, J., & Carey, L. (2021, April). *How to climb Mount Everest: Using Universal Design for Learning to address the needs of all students in virtual learning environments*. Presentation conducted at the Delaware Digital Learning Virtual Teachers Conference.

Parrish, A. H. (2019, April). *Using virtual reality in the everyday teaching and learning of students with autism spectrum disorder*. Presentation for Honestly Autism Day, Annual Conference for the Baltimore-Chesapeake Chapter of the Autism Society of America.

Parrish, A. H. (2019, April). *Development of a community-based integrated play group to support children with Autism Spectrum Disorder*. Presentation conducted at the Towson University College of Education Annual Research Forum.

Parrish, A. H. & Harkins, S. N. (2017, May). *English language learners in the digital age: Integrating technology to enrich instruction*. Presentation conducted at Maryland Common Ground Conference.

Grants and Contracts

Funded Projects: Current Research Support

Harkins-Brown, A. R. (PI). (2019-2026). *Capital School District reimagining professional learning/opportunity grant and targeted school improvement grant: An implementation science approach to systemic change in special education* [Grant]. Capital School District. Amount Awarded: \$2,799,789.

Harkins-Brown, A. R. (PI). (2024-2026). *Back on track for graduation in Dover* [Grant]. The Longwood Foundation. Amount Awarded: \$492,548.

Carling, L. (PI) & **Harkins-Brown, A. R. (Co-PI)**. (2025-2026). *SFY 2025 IDEA State Discretionary Grant Proposal Institutions of Higher Education and Non-Local School Systems: FY26 Impact Now, Imperative 1 Early Childhood* [Grant]. Maryland State Department of Education. Amount Awarded: \$2,529,759.

Carling, L. (PI) & **Harkins-Brown, A. R. (Co-PI)**. (2025-2026). *SFY 2025 IDEA State Discretionary Grant Proposal Institutions of Higher Education and Non-Local School Systems: FY26 Impact Now, Imperative 2 – Access, Equity, and Progress* [Grant]. Maryland State Department of Education. Amount Awarded: \$1,953,521.

Kouo, J. (PI), **Harkins-Brown, A. R. (Co-PI)**, & Carling, L. (Co-PI). *EduNavigator AI: An AI-powered tool to support the inclusion of students with significant cognitive disabilities* [Grant]. Maryland State Department of Education, FY26 Maryland Elevates. Amount Awarded: \$390,422.

Funded Projects: Completed Research Support

Carling, L. (PI) & **Harkins-Brown, A. R. (Co-PI)**. (2024-2025). *SFY 2024 IDEA State Discretionary Grant Proposal Institutions of Higher Education and Non-Local School Systems: FY25 Impact Now, Imperative 1 Early Childhood* [Grant]. Maryland State Department of Education. Amount Awarded: \$1,572,102.

Carling, L. (PI) & **Harkins-Brown, A. R. (Co-PI)**. (2024-2025). *SFY 2024 IDEA State Discretionary Grant Proposal Institutions of Higher Education and Non-Local School Systems: FY25 Impact Now, Imperative 2 – Access, Equity, and Progress* [Grant]. Maryland State Department of Education. Amount Awarded: \$1,387,613.

Harkins-Brown, A. R. (PI). (2022-2024). *Every minute counts: Determining special education and related services within IEP development* [Grant]. Washington Office of the Superintendent of Public Instruction. Amount Awarded: \$433,238.

Harkins-Brown, A. R. (PI). (2021-2023). *Teacher competency in inclusive practice: Pilot of the IMPACT program* [Grant]. The Longwood Foundation. Amount Awarded: \$515,841.

Parrish, A. H. (PI) & Boyle, E. (Co-PI). (2020-2021). *Enhancing Part B619 services for PK/K students with IEPs* [Grant]. Maryland State Department of Education. Amount Awarded: \$130,539.

Jacobson, L. (PI), Sadera, W. (Co-PI), & **Parrish, A. H. (Co-PI)**. (2018). *Reducing the literacy achievement gap: A transdisciplinary focus on high incidence disabilities* [Grant]. Maryland State Department of Education SY 2018 IDEA State Discretionary Grant for Non-Local School Systems and Institutes of Higher Education. Amount Awarded: \$80,000.

Non-Funded Projects: Proposals Submitted

Harkins-Brown, A. R. (PI). (2024). *A multi-state replication of longitudinal analyses to determine the relationship between special education placement and the outcomes of students with disabilities* [Grant]. Institute of Education Sciences (IES) Special Education Research Grant. Proposal Amount: \$1,037,805.

Harkins-Brown, A. R. (PI). (2023). *Examining the impact of a competency-based special education certification program* [Grant]. The Spencer Foundation. Proposal Amount: \$499,991.

Harkins-Brown, A. R. (PI). (2023). *Improving outcomes for students with disabilities in the Christina School District: A systematic exploration of organizational needs and readiness for change* [Grant]. Christina School District FY 2023 Title I/Targeted School Improvement (TSI) Grant. Proposal Amount: \$256,000.

Harkins-Brown, A. R. (PI). (2022). *Supporting young adults with disabilities to fill critical vacancies in local school systems: An innovative grow-your-own approach to workforce development* [Grant]. Maryland State Department of Education, Maryland Leads Partner Program. Proposal Amount: \$60,599.

Harkins-Brown, A. R. (PI). (2022). *A randomized controlled trial of the IMPACT program: A competency-based continuing education program in special education* [Grant]. Spencer Foundation Large Research Grant. Proposal Amount: \$473,776.

- Harkins-Brown, A. R. (PI).** & Shelton, A. (Co-PI). (2021). *Exploring the academic outcomes of secondary students with disabilities participating in extended virtual instruction* [Grant]. Institute for Education Sciences (IES) Research Grants to Accelerate Pandemic Recovery in Special Education. Proposal Amount: \$2,225,419.
- Harkins-Brown, A. R. (PI).** (2021). *A comprehensive landscape analysis of the Bayard School to identify research-based recommendations for school improvement* [Grant]. Christina School District. Proposal Amount: \$88,885.
- Parrish, A. H. (PI).** & Boyle, E. (Co-PI). (2020). *Special education training for responsive inclusion and virtual education (STRIVE): A model demonstration project in coaching* [Grant]. Office of Special Education and Rehabilitative Services (OSERS) FY20 Model Demonstration Projects to Develop Coaching Systems. Proposal Amount: \$1,485,608.
- Parrish, A. H. (PI).** & Boyle, E. (Co-PI). (2020). *Instrument development and construct validation for the one-to-one technology teaching competencies* [Grant]. Spencer Foundation Large Research Grant. Proposal Amount: \$497,099.
- Parrish, A. H. (PI).** (2020). *One-to-one teaching competencies needs assessment* [Grant]., Johns Hopkins University Catalyst Award. Proposal Amount: \$74,492.
- Boyle, E. (PI), **Parrish, A. H. (Co-PI)**, & Jeon, L. (Co-PI). (2020). *Bridging research, policy, and practice: Re-visioning research connections* [Grant]. Department of Health and Human Services (HHS) Administration for Children and Families, Childcare and Early Education Research Connections. Proposal Amount: \$3,973,868.
- Parrish, A. H. (PI)** & Swanson, R. C. (Co-PI). (2019). *Instrument development and construct validation for the one-to-one technology teaching competencies* [Grant]. Institute for Education Sciences (IES) Special Education Research Grant. Proposal Amount: \$1,397,921.

Media Interviews

- Whitford, E. (2026, March 6). Journal submissions riddled with AI-created fake citations. [Interview]. *Inside Higher Ed*. <https://www.insidehighered.com/news/faculty-issues/books-publishing/2026/03/06/journal-submissions-riddled-ai-created-fake>
- Harkins-Brown, A. R.** (2024, January). *Artificial intelligence for Individualized Education Program (IEPs): New tools could mean less paperwork, better plans* [Interview]. Government Technology, Center for Digital Education. <https://www.govtech.com/education/k-12/ai-for-ieps-new-tools-could-mean-less-paperwork-better-plans>
- Harkins-Brown, A. R. (Guest)** & Villegas, T. (Host). (2024, October). *Exploring artificial intelligence's role in streamlining IEP development for educators*. (Season 12, Episode 6) [Audio and video podcast]. In *Think Inclusive*, Maryland Coalition for Inclusive Education. Audio available at <https://podcasts.apple.com/us/podcast/think-inclusive/id583456652?i=1000672541607>. Video available at <https://www.youtube.com/watch?v=3sYryctGY7o&list=PLzQ7k9LOrwA4PAd9vJ4UzTeL4VE105lDB&index=3>
- Parrish, A. H.** (2021, March). *Who is thriving in virtual instruction?* [Interview]. WBUR-RM: Boston University Radio.
- Parrish, A. H.** (2021, March). *School districts offer permanent remote learning*. [Interview]. Newsy.
- Parrish, A. H.** (2021, March). *As many parents fret over remote learning, some find their kids are thriving* [Interview]. National Public Radio (NPR). <https://www.npr.org/2021/03/08/971457441/as-many-parents-fret-over-remote-learning-some-find-their-kids-are-thriving>

Teaching and Advising

Membership on Doctoral Student Committees

- | | |
|-----------|--|
| Completed | Logan McDermott. (2025). <i>Testing the relationship between race, disability, and accommodations in IEPs</i> . Johns Hopkins University PhD in Education, Committee Member, PI for IRB Application . |
| Completed | Heather Swinder. (2023). <i>K-12 teachers' preparedness for integrating one-to-one technology: Measuring digital competence</i> . Towson University PhD in Instructional Technology, Committee Member . |

Completed Ashley Lankford. (2022). *The experience of school age assistive technology users and their families during emergency remote instruction and its impact on classroom instruction*. Towson University PhD in Occupational Science, **Committee Member**.

Graduate Student Advising

Towson University, Department of Special Education:

2018-2019 136 graduate student advisees (MEd in Special Education, MAT in Special Education)
 2017-2018 128 graduate student advisees (MEd in Special Education, MAT in Special Education)
 2016-2017 143 graduate student advisees (MEd in Special Education, MAT in Special Education)
 2015-2016 126 graduate student advisees (MEd in Special Education, MAT in Special Education)

Courses Taught at Towson University

Undergraduate Courses

ECSE 351: Primary Curriculum and Instruction in the Inclusive Classroom
 ECSE 352: Field Placement in the Primary Classroom II
 ECSE 451: Internship in Early Childhood Special Education
 ECSE 452: Internship in Early Childhood Special Education Seminar
 SPED 413: Universal Design for Learning: Addressing Learner Variability
 SPED 441: Curriculum and Methods of Instruction for Students with Disabilities, K-12
 SPED 491: Internship for Students with Disabilities in the Elementary/Middle
 SPED 498: Internship in Special Education

Graduate Courses

EDUC 605: Informing Educational Practice to Affect Change
 EDUC 731: Curriculum and Assessment
 EDUC 734: Teacher as Researcher
 ISTC 541: Foundations of Instructional Technology and Design
 ISTC 655: Developing Digital Multimedia Materials for Learning Design
 SPED 527: Curriculum and Methods of Social, Emotional, and Motor Development for Students with Disabilities, K-12
 SPED 604: Action Research in Special Education
 SPED 605: Working with Families of Students with Disabilities
 SPED 620: Educating Students with Autism Spectrum Disorder
 SPED 622: Social Thinking and Connectedness for Students on the Autism Spectrum
 SPED 625: Curriculum and Methods of Instruction for Students with Autism, I
 SPED 628: Integrating Instructional and Assistive Technologies to Support Students with Autism
 SPED 637: Inclusion for the Classroom Teacher
 SPED 641: Curriculum and Methods of Instruction for Students with Disabilities, K-12
 SPED 644: Universal Design for Learning and Differentiated Instruction
 SPED 646: Using Technology to Differentiate Instruction

Courses Taught at Goucher College

ED 528: Supporting Students with Autism Spectrum Disorder through Inclusive Practices
 ED 609: Supporting Students with Autism Spectrum Disorder

Service

Service to the Institution

2025-2026 **Member**, School of Education Faculty and Budgetary Affairs Committee, Johns Hopkins University
 2023-Present **Member**, Center for Technology in Education Leadership Team, Johns Hopkins University
 2023-2024 **Member**, School of Education Curriculum Policy Committee, Johns Hopkins University
 2023-2024 **Member**, School of Education Academic Innovation Working Group, Johns Hopkins University

2022-2023	Member , School of Education Faculty and Budgetary Affairs Committee, Johns Hopkins University
2021-2022	Member , School of Education Faculty Evaluation System Committee, Johns Hopkins University
2019-2023	Chair , IDEALS Institute Strategic Opportunities Committee, Johns Hopkins University
2018-2019	Member , Department of Special Education Assistant Professor Search Committee, Towson University
2018-2019	Member , Council for Accreditation of Educator Preparation (CAEP) Accreditation Planning for Advanced Programs, Towson University
2018-2019	Co-Developer , Council for Exceptional Children Accreditation, Specialized Professional Association (SPA) Report, Towson University
2018-2019	Member , Master of Arts in Teaching Program Coordinator Search Committee, Towson University
2018-2019	Member , Department of Special Education Merit Committee, Towson University
2016-2017	Member , Department of Educational Technology and Literacy Chairperson Search Committee, Towson University
2015-2019	Co-Chair , College of Education Faculty Development and Research Committee, Towson University
2015-2019	Chair , Department of Special Education Technology Committee, Towson University

Service to the Profession

Editorial Leadership and Peer Review

2025-Present	Editor-in-Chief , <i>Journal of Technology and Teacher Education (JTATE)</i>
2025-Present	Editorial Review Board Member , <i>Artificial Intelligence Enhanced Learning (AIEL)</i>
2024-Present	Editorial Review Board Member , <i>Journal of Digital Learning in Teacher Education (JDLTE)</i>
2024-Present	Reviewer , <i>Education Sciences</i>
2023-Present	Reviewer , <i>Disability and Rehabilitation: Assistive Technology</i>
2023-Present	Reviewer , <i>International Journal of Training and Development (IJTD)</i>
2022-Present	Reviewer , <i>International Journal of Informational and Learning Technology (IJILT)</i>
2021-2023	Reviewer , <i>IGI Global Scientific Publishing</i>
2017-Present	Reviewer , Society for Informational Technology and Teacher Education (SITE) Annual Conference
2017	Co-Editor , Special Issue , <i>School-University Partnerships Journal</i>

Professional Organization Leadership

2025-Present	Executive Board Member , Society for Informational Technology and Teacher Education (SITE)
2019-2023	Co-Chair , Special Education and Assistive Technology Special Interest Group, Society for Informational Technology and Teacher Education (SITE)
2019-2023	Member , Society for Informational Technology and Teacher Education (SITE) Annual Conference Leadership Council

Appointments

2018-2019	Higher Education Representative , National Center on Inclusive Education (TIES Center), Maryland State Leadership Team, Towson University (Appointed by Maryland State Department of Education)
2014-2015	Higher Education Representative , Local Interagency Coordinating Council for Early Intervention Services in Baltimore County, (Appointed by Towson University)
2014-2015	Member , Halstead Academy Inquiry Team: Baltimore County Public Schools Students and Teachers Accessing Tomorrow (STAT) Initiative, (Appointed by Baltimore County Public Schools)

Service to the Community

2025-Present	Past President of the Governing Board , The Arc, Northern Chesapeake Region
2023-2025	President of the Governing Board , The Arc, Northern Chesapeake Region
2023-2025	Chair , Executive Committee, The Arc, Northern Chesapeake Region
2021-2023	Vice President of the Governing Board , The Arc, Northern Chesapeake Region
2021-2023	Chair , Governance Committee, The Arc, Northern Chesapeake Region
2019-2021	Member , Retention Committee, The Arc, Northern Chesapeake Region
2018-2020	Member , ACCESS Task Force, The Arc, Northern Chesapeake Region

2020	Review Board Member , Harford County Office of Community and Economic Development Grant-in-Aid
2020-2022	Member , Board of Directors, Sexual Assault/Spouse Abuse Resource Center (SARC)
2019-2020	Member , Harford County Substance Exposed Newborns (SENs) Task Force
2018-2020	Vice President , Board of Directors, Sexual Assault/Spouse Abuse Resource Center (SARC)
2004-2010	Member , Board of Directors, Sexual Assault/Spouse Abuse Resource Center (SARC)