



## ISBER Elections Biosketch

<b>First Name</b>	<b>Last Name</b>
William ("Billy")	Schleif
<b>What ISBER Board position are you applying for?</b>	
President – Elect	
<b>Degree (if applicable)</b>	
PhD	
<b>Current position and institution</b>	
<p>Scientific Director, Johns Hopkins All Children’s Pediatric Biorepository          Assistant Professor, Johns Hopkins School of Medicine          Co-Director, Pediatric Biospecimen Innovation Center, Johns Hopkins All Children’s Institute for Clinical and Translational Research</p>	
<b>Education and Experience</b>	
<p>BS, Biology, Florida State University          MS, Biology, University of South Florida          PhD, Healthcare Genetics, Clemson University</p> <p><b>Current:</b> 2023-2026 ISBER Director-at-Large, Americas</p> <p>I have over 20 years of combined experience working in translational research and the clinical laboratory sciences. My most recent and relevant experience includes twelve years of operational and scientific program building of the Johns Hopkins All Children’s Pediatric Biorepository as one of its inaugural leaders. This experience includes creating procedural and policy frameworks conducive to hospital-integrated, pediatric biobanking in compliance with external accreditation standards (such as the College of American Pathology), as well as the necessary quality monitoring requirements for clinical trial research and internal quality assurance. I also have experience consulting on investigator-initiated biobanking studies for both single- and multi-center trials, and I conduct my own academic research in the biospecimen sciences.</p> <p>ISBER Best Practices, 4<sup>th</sup> Edition, Content Contributor          ISBER Best Practices, 5<sup>th</sup> Edition, Content Contributor</p>	
<b>Biobanking Interests</b>	
<p>I believe evidence-guided and strategic biobanking is the cornerstone of effective and reproducible research. It is a true, interdisciplinary scientific effort requiring input and expertise from many fields and worldwide perspectives. Despite years of development and evolution, the field of biobanking still has many unresolved challenges and often suffers from unrecognized importance. ISBER is one of the pivotal societies that connects the many scientists and professionals working towards answers, and my biobanking interests mirror this community; to share knowledge, create new opportunities and growth, and innovate new ideas to advance discovery.</p>	

<b>Professional Activities (ISBER and other)</b>
<b>ISBER Working Groups</b>
Hospital Integrated Biorepositories (SIG) Rare Disease (SIG) Pediatric Biorepositories (SIG)
<b>Professional Societies and Volunteer Organizations related to biobanking</b>
Children’s Oncology Group, 2013 – present <ul style="list-style-type: none"> <li>- Laboratory Sciences Discipline Committee, 2022 – present</li> </ul> International Society for Biological and Environmental Repositories, 2013 – present <ul style="list-style-type: none"> <li>- Governance Committee, 2022 - present</li> <li>- Regional Ambassador, Americas, 2020-2023</li> <li>- Director-at-large, Americas, 2023-2026</li> </ul> American College of Medical Genetics, 2021 – 2023 ClinGen Community Curation (C3), 2024 - present <ul style="list-style-type: none"> <li>- Somatic Cancer Clinical Domain Working Group – Pediatric Taskforce</li> </ul> Cancer Genomics Consortium, 2025 - present
<b>Organizer or co-organizer of meetings/conferences:</b>
2018 Scientific Program Committee, Member, ISBER Annual Meeting, Dallas, TX 2018 – 2022 Organizing Advisory Committee, Member 2019 Scientific Program Committee, Member, ISBER Annual Meeting, Shanghai, China 2019 Scientific Program Committee, Co-Chair, ISBER Regional Meeting, Minneapolis, MN 2020 – 2021 Hybrid Task Force, Chair 2020 – 2022 Organizing Advisory Committee, Vice Chair 2022 Scientific Program Committee, Co-Chair, ISBER Annual Meeting, Atlanta, GA 2022 – 2023 Conference Strategy Task Force, Member 2023 – 2025 Future Conferences Task Force, Member 2023 Program Planning Task Force, Member, ISBER Annual Meeting, Seattle, WA 2024 Program Planning Task Force, Tour and Local Host, ISBER Regional Meeting, St. Petersburg, FL 2025 Co-Organizer, ISBER Regional Meeting, Buenos Aires, Argentina
<b>Editorial Boards</b>
None currently
<b>Other</b>
Recent publications relevant to biospecimen science and ISBER conference proceedings: <ol style="list-style-type: none"> <li>1. <b>Schleif W</b>, Lawlor RT, Hubel A, Kozlakidis Z, Henderson MK. The 2019 ISBER Americas Regional Meeting: Times They Are A Changin'-Biobanks for the Future. Biopreserv Biobank. 2019 Oct;17(5):483-484. doi: 10.1089/bio.2019.29058.wjs. Epub 2019 Sep 17. PMID: 31526184; PMCID: PMC6913788.</li> </ol>

2. **Schleif WS**, Goldenberg NA, Catchpoole DR. The "Federated Pediatric BioCloud" Model: State of the Art and Future Prospects in Pediatric Biospecimen Science. *J Pediatr.* 2020 Jun;221S:S43-S48. doi: 10.1016/j.jpeds.2020.02.068. PMID: 32482234.
3. Catchpoole DR, Carpentieri D, Vercauteren S, Wadhwa L, **Schleif W**, Zhou L, Zhou J, Labib RM, Smits E, Conradie EH. Pediatric Biobanking: Kids Are Not Just Little Adults. *Biopreserv Biobank.* 2020 Aug;18(4):258-265. doi: 10.1089/bio.2020.29071.djc. Epub 2020 Jul 20. PMID: 32706974.
4. **Schleif W**, Hamblin F, Everett A, Graham E, Cross J, Fernald C, Follett R, Lopes B, Martinez D, Monforte H, Ross-Wilkinson J, Sellers A, Brooks S. Tiny Bodies, Big Needs: Prospective Biobanking of Neonatal Clinical Remnant Samples. *Biopreserv Biobank.* 2021 Apr;19(2):106-110. doi: 10.1089/bio.2020.0113. Epub 2021 Jan 21. PMID: 33481645.
5. **Schleif WS**, Harlan RS, Hamblin F, Amankwah EK, Goldenberg NA, Hernandez RG, Johnson SB, Reed S, Graham DR. Defining the Healthy Infant Metabolome: Liquid Chromatography Tandem-Mass Spectrometry Analysis of Dried Blood Spot Extracts from the Prospective Research on Early Determinants of Illness and Children's Health Trajectories Birth Cohort Study. *J Pediatr.* 2022 Feb;241:251-256.e4. doi: 10.1016/j.jpeds.2021.09.061. Epub 2021 Oct 7. PMID: 34626671; PMCID: PMC8838877.
6. Byrne JA, Banaszak AT, Carpenter JE, Carroll SL, Castelhana MG, Espinal PS, Henderson MK, Hettiaratchi A, Maseme M, Ng W, Patel K, Popescu I, Prada SI, **Schleif WS**, Smith M, Wee S, Weil CJ, Woods K. Priorities in Biobanking Research: A Report on the 2021 ISBER Round Table. *Biopreserv Biobank.* 2022 May 4. doi: 10.1089/bio.2021.0178. Epub ahead of print. PMID: 35507966.
7. Snapes E, Gao D, Hettiaratchi A, **Schleif W**, Yadav B. ISBER 2022 Annual Meeting: Biobanking-Shaping the Scientific Journey. *Biopreserv Biobank.* 2022;20(5):469-470. doi:10.1089/bio.2022.29111.ejs
8. **Schleif WS**, Sarasua SM, DeLuca JM. Preanalytic and Analytic Quality System Considerations in Noncoding RNA Biomarker Development for Clinical Diagnostics. *Genet Test Mol Biomarkers.* 2023 May;27(5):172-182. doi: 10.1089/gtmb.2022.0086. PMID: 37257182.
9. Vidal AC, Sosnowski DW, Marchesoni J, Grenier C, Thorp J, Murphy SK, Johnson SB, **Schleif W**, Hoyo C. Maternal adverse childhood experiences (ACEs) and offspring imprinted gene DMR methylation at birth. *Epigenetics.* 2024;19(1):2293412. doi:10.1080/15592294.2023.2293412
10. Agranyoni O, Rowley T, Johnson SB, Volk H, **Schleif W**, Hernandez RG, Klein LM, Yolken RH, Sabunciyani S. Oral microbiome composition is associated with depressive symptoms during pregnancy. *Brain Behav Immun Health.* 2025 Mar 21;45:100978. doi: 10.1016/j.bbih.2025.100978. PMID: 40212280; PMCID: PMC11985130.
11. **Schleif W**, Chadwick D, Mahajan G, McGarvey D, and de Dávila MTG. ISBER 2025 Regional Meeting, Buenos Aires, Argentina: Regional Togetherness. *Biopreserv Biobank.* 2025 [in press].