



Georgia Gwinnett
COLLEGE

Faculty Scholarship and Creativity Celebration Bibliography (September 2022-August 2023)

Published authored or edited books, book chapters, peer-reviewed articles, and juried creative works

SCHOOL OF BUSINESS

Berry, R., Partridge, M. A., Schaller, T. K., & Routon, P. W. (2022). Registration patterns, student characteristics and dual enrollment success in Georgia. *Journal of Applied Research in Higher Education*, 14(4), 1260–1271. <https://doi.org/10.1108/JARHE-02-2021-0063>

Lilly, T., Darr, P., Schmolesky, M., Lindley, T., Schilpzand, M., Ludolph, P., Higgins, R., Shim, Y., Weinstein, A., Deutsch, D. V., & Burko, L. (2022). Intending to teach critical thinking: A study of the learning impacts over one semester of embedded critical thinking learning objects. *Journal of the Scholarship of Teaching and Learning*, 22(3), 34-54. <https://doi.org/10.14434/josotl.v22i3.31801>

Schaller, T. K., Routon, P. W., Partridge, M. A., & Berry, R. (2023). A systematic review and meta-analysis of dual enrollment research. *Journal of College Student Retention: Research, Theory & Practice*. Advance online publication. <https://doi.org/10.1177/15210251231170331>

SCHOOL OF EDUCATION

Amatucci, K. (2023). Choosing the monsters to slay: Speculative young adult literature and social justice. *English Journal*, 112(6), 40–46. <https://doi.org/10.58680/ej202332486>

Green, J. (2023). Paradoxical narratives about online learning during the COVID-19 pandemic: The struggle was real, but so was the resilience. *Journal of Latinos and Education*. Advance online publication. <https://doi.org/10.1080/15348431.2023.2207256>

Varga-Dobai, K. (2023). Writing for wellness: Storytelling, care, and reflection in teacher education. *Literacy*. Advance online publication. <https://doi.org/10.1111/lit.12316>

SCHOOL OF LIBERAL ARTS

Berger, E. C. (2023). *This incurable evil: Mapuche resistance to Spanish enslavement, 1598–1687*. University Alabama Press.

Budrytė, D. (2022a). From transnational to local remembrance: European Roma genocide memory and the commemoration of *Samudaripen* in Lithuania. *Holocaust Studies*. Advance online publication. <https://doi.org/10.1080/17504902.2022.2116540>

Budrytė, D. (2022b). Mnemonic conflicts and cooperation in memory politics: Development of narratives about historical traumas in Lithuania after 1991. *Parliamentary Studies*, 32, 11–30. <https://doi.org/10.51740/PS.32.2>

Budrytė, D., & Resende, E. (2023). COVID-19 as a collective trauma in global politics: Disruption, destruction and resilience. *Societies*, 13(5), Article 106. <https://doi.org/10.3390/soc13050106>

Budrytė, D. (2023). Genocide and Resistance Research Center of Lithuania. International Commission to Investigate Crimes against Humanity. Lithuania. In Stan, L., & Nedelsky, N. (Eds.), *Encyclopedia of transitional justice* (2nd ed.). Cambridge: Cambridge University Press. <https://doi.org/10.1017/9781108678537>

Cicura, D. (2022). Bishop Christophe Munzihirwa: A Mushi, a Congolese and a pastor. *Hekima Review*, 3(65), 203–212.

Gullette, G., Thebpanya, P., & Singto, S. (2022). Socioeconomic and livelihood impacts within Bangkok's expanding metropolitan region. *Buildings & Cities*, 3(1), 808–823. <https://doi.org/10.5334/bc.233>

Jabbar, A.-N. (2023, July 24). Searching for faith. *HerStry*. <https://herstryblg.com/theme/2023/7/24/searching-for-faith>

Lewinson, T., **Simpson, G. M.**, Rodriguez, Y. A., Nagovich, J., & Allen, S. (2023). Healthy housing in Richardsville: A photovoice project on community livability for aging adults. *Journal of Aging and Environment*. Advance online publication. <https://doi.org/10.1080/26892618.2023.2245814>

Rofheart, M. (2023). Spaces of protest: Seydina Issa Sow's campus graphic novel *Sidy*. *Journal of African Cultural Studies*, 35(1), 73–88. <https://doi.org/10.1080/13696815.2022.2154200>

Toh, W., & **Kirschner, D.** (2023). Developing social-emotional concepts for learning with video games. *Computers & Education*, 194, Article 104708. <https://doi.org/10.1016/j.compedu.2022.104708>

SCHOOL OF SCIENCE AND TECHNOLOGY

Bi, Y., Liu, X., Liu, Y., Wang, M., Shan, Y., Yin, Y., Meng, X., **Sun, F.**, Li, H., & Li, Z. (2023). Molecular and biochemical investigations of the anti-fatigue effects of tea polyphenols and fruit extracts of *Lycium ruthenicum* Murr. on mice with exercise-induced fatigue. *Frontiers in Molecular Biosciences*, *10*, Article 1223411. <https://www.frontiersin.org/articles/10.3389/fmolb.2023.1223411>

Cao, K., Cui, Y., **Sun, F.**, Zhang, H., Fan, J., Ge, B., Cao, Y., Wang, X., Zhu, X., Wei, Z., Yao, Q., Ma, J., Wang, Y., Meng, C., & Gao, Z. (2023). Metabolic engineering and synthetic biology strategies for producing high-value natural pigments in microalgae. *Biotechnology Advances*, *68*, Article 108236. <https://doi.org/10.1016/j.biotechadv.2023.108236>

Cao, K., Wang, X., **Sun, F.**, Zhang, H., Cui, Y., Cao, Y., Yao, Q., Zhu, X., Yao, T., Wang, M., Meng, C., & Gao, Z. (2023). Promoting heme and phycocyanin biosynthesis in *Synechocystis* sp. PCC 6803 by overexpression of porphyrin pathway genes with genetic engineering. *Marine Drugs*, *21*(7), Article 403. <https://doi.org/10.3390/md21070403>

Chang, H., Ji, W., Xie, Y., He, S., Xie, Z., & **Sun, F.** (2023). Morphological characterization of metamorphosis in stamens of *Anemone barbulata* Turcz (Ranunculaceae). *Agronomy*, *13*(2), Article 554. <https://doi.org/10.3390/agronomy13020554>

Chen, Z., Yang, X., Tang, M., Wang, Y., Zhang, Q., Li, H., Zhou, Y., **Sun, F.**, & Cui, X. (2022). Molecular characterization and drought resistance of GmNAC3 transcription factor in *Glycine max* (L.) Merr. *International Journal of Molecular Sciences*, *23*(20), Article 12378. <https://doi.org/10.3390/ijms232012378>

Helton, A. M., Morse, J. L., **Sudduth, E. B.**, Ardón, M., Bier, R., Voss, K. A., Ross, M. R. V., Blaszczak, J. R., Brandt, J. E., Simonin, M., Rocca, J. D., Carter, A., Gerson, J. R., Ury, E. A., & Vlah, M. J. (2023). At the interfaces of the hydrologic sciences: Connecting water, elements, ecosystems, and people through the major contributions of Dr. Emily Bernhardt. *Journal of Hydrology*, *619*, Article 129251. <https://doi.org/10.1016/j.jhydrol.2023.129251>

Ledford, S. H., Miller, S., Pangle, L., & **Sudduth, E. B.** (2023). Hyporheic exchange in an urban beaver pond mediates high nutrient groundwater inflow and pond productivity. *Journal of Hydrology*, *622*(Part B), Article 129758. <https://doi.org/10.1016/j.jhydrol.2023.129758>

Liu, Y., Liu, X., Wang, M., Chen, C., Li, X., Liang, Z., Shan, Y., Yin, Y., **Sun, F.**, Li, Z., & Li, H. (2023). Characterizations of microRNAs involved in the molecular mechanisms underlying the therapeutic effects of noni (*Morinda citrifolia* L.) fruit juice on hyperuricemia in mice. *Frontiers in Nutrition*, *10*, Article 1121734. <https://www.frontiersin.org/articles/10.3389/fnut.2023.1121734>

Mays, A., Byars-Winston, A., Hinton, A., Marshall, A. G., Kirabo, A., August, A., Marlin, B. J., Riggs, B., Tolbert, B., Wanjalla, C., Womack, C., Evans, C. S., Barnes, C., Starbird, C., Williams, C., Reynolds, C., Taabazuing, C., Cameron, C. E., Murray, D. D., ...**Hammonds-Odie, L.**, ... Clemons, W. M. (2023). Juneteenth in STEMM and the barriers to equitable science. *Cell*, 186(12), 2510–2517. <https://doi.org/10.1016/j.cell.2023.05.016>

Wang, Y., Wang, Y., Zhang, Q., Fan, H., Wang, X., Wang, J., Zhou, Y., Chen, Z., **Sun, F.**, & Cui, X. (2023). Saline-alkali soil property improved by the synergistic effects of *Priestia aryabhatai* JL-5, *Staphylococcus pseudoxylosus* XW-4, *Leymus chinensis* and soil microbiota. *International Journal of Molecular Sciences*, 24(9), Article 7737. <https://doi.org/10.3390/ijms24097737>

Wei, Z., **Sun, F.**, Meng, C., Xing, W., Zhu, X., Wang, C., Cao, K., Zhang, C., Zhu, B., Yao, T., & Gao, Z. (2022). Transcriptome analysis of the accumulation of astaxanthin in *Haematococcus pluvialis* treated with white and blue lights as well as salicylic acid. *BioMed Research International*, 2022, Article 4827595. <https://doi.org/10.1155/2022/4827595>

Yang, S., Wang, A., Li, J., Shao, Y., **Sun, F.**, Li, S., Cao, K., Liu, H., Xiong, P., & Gao, Z. (2023). Improved biosynthesis of heme in *Bacillus subtilis* through metabolic engineering assisted fed-batch fermentation. *Microbial Cell Factories*, 22, Article 102. <https://doi.org/10.1186/s12934-023-02077-3>

Yu, W., **Sun, F.**, Xu, R., Cui, M., Liu, Y., Xie, Q., Guo, L., Kong, C., Li, X., Guo, X., & Luo, L. (2023). Chemical composition and anti-inflammatory activities of *Castanopsis* honey. *Food & Function*, 14(1), 250–261. <https://doi.org/10.1039/D2FO02233H>

Zhai, Q., Chen, X., Zhang, M., Zhang, C., Zhang, Z., Pan, H., Zhang, H., & **Sun, F.** (2023). Immobilization of *Klebsiella jilinsis* strain 2N3 by corn straw biochar enhanced the degradation of nicosulfuron and restores the soil microbiome function and composition. *Applied Soil Ecology*, 189, Article 104917. <https://doi.org/10.1016/j.apsoil.2023.104917>

Zhang, H., Liu, X., Liu, B., **Sun, F.**, Jing, L., Shao, L., Cui, Y., Yao, Q., Wang, M., Meng, C., & Gao, Z. (2023). Synergistic degradation of Azure B and sulfanilamide antibiotics by the white-rot fungus *Trametes versicolor* with an activated ligninolytic enzyme system. *Journal of Hazardous Materials*, 458, Article 131939. <https://doi.org/10.1016/j.jhazmat.2023.131939>

Zhu, X., Meng, C., **Sun, F.**, Wei, Z., Chen, L., Chen, W., Tong, S., Du, H., Gao, J., Ren, J., Li, D., & Gao, Z. (2022). Sustainable production of astaxanthin in microorganisms: The past, present, and future. *Critical Reviews in Food Science and Nutrition*. Advance online publication. <https://doi.org/10.1080/10408398.2022.2080176>