

CURRICULUM VITAE

Sharday N. Ewell (she/her/hers)

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(a) Education

Regent University, Virginia Beach, VA	Curriculum & Instruction	M.Ed 2022
University of Alabama at Birmingham, Birmingham, AL	Neuroscience	Ph.D. 2013
Norfolk State University, Norfolk, VA	Biology	B.S. 2007

(b) Research & Professional Appointments

2021- present	Postdoctoral Fellow, Biology Education Research, Auburn University
2018- 2021	Adjunct Professor, Department of Biology, Marymount University
2017- present	Adjunct Professor, Department of Biology, Germanna Community College
2017- 2021	Middle School Science Teacher, Prince William County Schools
2016-2017	Middle School Science Teacher, KIPP DC
2014-2016	Middle School Science Teacher, Lenoir County Public Schools

(c) Professional Development

2023-present	ASCB Faculty Research and Development Program	
2023-present	<i>All of Us</i> Biomedical Researcher Scholars Program	
2023	<i>All of Us</i> Biomedical Researcher Faculty Summit	Baylor University
2022	Mobile Science Institute (MOSI)	Auburn University
2019	National Institute on Scientific Teaching	Stony Brook University

(d) Honors & Grants

2022- Special Recognition, Postdoctoral Fellow ASCB Minority Affairs Committee Poster Session

2022- ASCB U.S. Underrepresented Minorities Travel Grant (\$1,800)

2022- SEC Emerging Scholar- Auburn University

2022- SABER DBER-SiT Travel Grant (\$600)

2022- EDU-STEM Mentor (\$4,500)

2021- ASCB U.S. Underrepresented Minorities Attendance Grant (\$400)

2021- EDU-STEM Mentor (\$3,000)

2021- Student Learning Through Immersive Virtual Experiences, Auburn University, \$1,000 (rejected)

2019- NSF SPRF-Broadening Participation Postdoctoral Research Fellowship, \$138,000 (rejected)

2010-2013- Training Program in Neurobiology of Cognition and Cognitive Disorders Training Grant (NIH T32)

2008-2010- UAB Comprehensive Minority Faculty and Student Development Program (CMFSDP) Fellowship

2003- 2007- Dozoretz National Institute for Mathematics and Applied Sciences Scholarship

(e) Publications

2023: Ewell, S.N., Driessen, E.P., Grogan, W., Johnston, Q., Ferdous, S., Mehari, Y., Peart, A., Seibenhener, M., & Ballen, C. J. A Comparison of Study Behaviors and Metacognitive Evaluation Used by Biology Students. *CBE-Life Sciences Education* (in press).

2023: Beatty, A.E., Driessen, E.P., Clark, A.D., Costello, R.A., Ewell, S., Fagbodun, S., Klabacka, R.L., Lamb, T., Mulligan, K., Henning, J.A., & Ballen, C.J. Biology instructors see value in discussing controversial topics but fear personal and professional consequences. *CBE-Life Sciences Education* (in press)

2023: Costello, R.A., Beatty, A.E., Dunk, R.D., Ewell, S.N., Pruett, J.E., & Ballen, C. J. Re-envisioning biology curricula to include ideological awareness. *Research in Science Education*

2022: Creech, C., Just, J., Hammarlund, S., Rolle, C. E., Gonsar, N. Y., Olson, A., Campbell, N., Mennes, K., Adoradio, C., Soneral, P., Ewell, S., Mazur, C., Lane, A. K., Hewlett, J., & Cotner, S. Evaluating the Representation of Community Colleges in Biology Education Research Publications following a Call to Action. *CBE-LSE*, 21(4).

2022: Ewell, S., Josefson, C., Ballen, C. J. Why did students report lower test anxiety during the COVID-19 pandemic? *Journal of Microbiology and Biology Education*.

2022: Ewell, S., Cotner, S., Drake, A. G., Fagbodun, S., Google, A., Robinson, L., Soneral, P., Ballen, C. J. Eight recommendations to promote effective study habits for biology students enrolled in online courses. *Journal of Microbiology and Biology Education*.

2021: Beatty, A., Driessen, E., Gusler, T., Ewell, S., Grilliot A., & Ballen, C. Teaching the Tough Topics: Fostering ideological awareness through the inclusion of societally impactful topics in introductory biology. *CBE-LSE*

2012: Hartmann, D., Drummond, J., Handberg, E., Ewell, S., & Pozzo-Miller, L. Multiple

Approaches to Investigate the Transport and Activity-Dependent Release of BDNF and Their Application in Neurogenetic Disorders. *Neural Plasticity*, 2012, 20374

(f) Invited seminar presentations

2023 Department of Biological Sciences Seminar, Auburn, AL
2022 ROSE Network Meeting, Birmingham, AL
2022 ACS Western Regional Meeting, Las Vegas, NV
2022 ACLC Grand Opening Teaching Demonstration, Auburn, AL
2022 Department of Biological Sciences Seminar, Auburn, AL
2022 EDU-STEM Annual Meeting, Minneapolis, MN

(g) Conference presentations 2009-2022 (*virtual)

2023 Society for the Advancement of Biology Education Research, Minneapolis, MN (poster)
2022 American Society for Cell Biology (ASCB), Washington, D.C. (poster)
2022 Society for the Advancement of Biology Education Research, Minneapolis, MN (oral)
2021 American Society for Cell Biology (ASCB), Washington, D.C.* (poster)
2021 Society for the Advancement of Biology Education Research, Minneapolis, MN* (poster)
2012 Society for Neuroscience Annual Conference, San Francisco, CA (poster)
2009 American Society for Cell Biology (ASCB) Annual Conference, San Diego, CA (poster)
2009 University of Alabama at Birmingham Neurobiology Retreat, Columbiana, AL (poster)

(h) Teaching experience

2018-21	Microbiology Lab/ Biology Lab	Marymount University
2017-present	Introduction to Biology	Germanna Community College
2017-2021	8 th grade Physical Science	Prince William County Schools
2016-17	7 th grade Science	KIPP DC
2014-2016	7 th grade Science	Lenoir County Public Schools

(i) Mentorship

Undergraduate student mentorship

Jordan Fluker	Auburn University	2023-
Alayna Harvey	Auburn University	2022-
Amelia Radocha	Auburn University	Summer 2022
William Grogan	Auburn University	2021-2022
Quinn Johnston	Auburn University	2021-2022
Brittany Richardson	UAB	Summer 2009/ Summer 2010

(j) Professional Memberships

American Society for Cell Biology
National Science Teachers Association
Society for the Advancement of Biology Education Research
Faculty for Undergraduate Neuroscience

(k) Professional Service (2020-present)

Journal Reviewing. Studies in Science Education; Ecology and Evolution; Journal of Public Health and Emergency; Journal for Undergraduate Neuroscience Education; BioEssays; Journal of Microbiology and Biology Education

Abstract Reviewing. Society for the Advancement of Biology Education Research; Annual Biomedical Research Conference for Minoritized Scientists

Grant Reviewing. National Science Foundation

Textbook Reviewing. Virginia Department of Education (7th and 8th Grade Science)

Curriculum Development. Prince William County Schools (8th Grade Science)

Committees. Auburn Postdoctoral Association (Professional Development chair), Society for the Advancement of Biology Education Research Awards Committee (member; Bill Wood Award subcommittee co-lead); Society for the Advancement of Biology Education Research PEER Network (co-chair)

