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EDUCATION

Expected May 2024	University of Louisville <i>Ph.D., Curriculum & Instruction, STEM Education, 4.0</i> Successfully Completed Dissertation Proposal Defense	Louisville, KY
May 2004	The University of Texas at Dallas <i>Master of Public Affairs, Policy Analysis</i>	Richardson, TX
May 2000	Wake Forest University <i>B.S., Mathematics, Minor: Education</i>	Winston-Salem, NC

PROFESSIONAL LICENSE AND CERTIFICATE

2022-2027	Math teaching certification, grades 5-12, Rank II	Kentucky
2006-2011	Educator, Mathematics 6-12	North Carolina
2000-2006	Classroom Teacher, Secondary Mathematics	Texas

ACADEMIC AND PROFESSIONAL EXPERIENCE

2019-Present	University of Louisville <i>University Fellow & Graduate Assistant</i> <i>Research Assistant & Student Teaching Supervisor</i> <i>External Curriculum Review Team</i>	Louisville, KY
2009-Present	Louisville Family Fun LLC <i>Founder/Owner</i>	Prospect, KY
2016-2017	Guthrie/Mayes Public Relations <i>Account Manager</i>	Louisville, KY
2014-2016	Big Brothers Big Sisters of Kentuckiana <i>Community Engagement Director</i> <i>Community Engagement Manager</i> <i>Marketing and Communications Specialist</i>	Louisville, KY

- 2005-2007 **Smith Middle School & East Chapel Hill High School** Chapel Hill, NC
Teacher
- Taught pre-algebra, algebra, and geometry
- 2004-2005 **Texans Can! Academies** Dallas, TX
Mathematics Instructional Specialist
- Wrote curricula for 10 schools
 - Created and conducted professional development
- 2003-2004 **The Green Center for the Study of Science and Society** Richardson, TX
Research Assistant
- 2000-2003 **Lake Highlands High School** Dallas, TX
Teacher
- Taught algebra, geometry, and SAT prep

UNIVERSITY INSTRUCTION

- EDTP 397/597: Mathematics Reasoning in Middle and High School (Co-Instructor)
EDTP 408/423: Middle and High School Mathematics Methods (Internship)

PUBLICATIONS AND PRESENTATIONS

- White, S., (2024, March). *Teaching for Social Justice: How Teachers Describe their Efforts to Foster Equity in Tracked Classes*. Presentation at the Kentucky Center for Mathematics (KCM) 2024 Annual Conference. Lexington, KY. (Accepted)
- White, S., (2023, October). *Teachers' Experiences with Teaching for Social Justice in Tracked Middle School Mathematics Classes*. Presentation at the National Council of Teachers of Mathematics (NCTM) 2023 Research Conference. Washington, D.C.
- Marin, K., **White, S.** (2023). Generation Z goes to math class: How the effective mathematics teaching practices can support a new generation of learners. *School Science and Mathematics*. <https://doi.org/10.1111/ssm.12565>
- Marin, K., **White, S.**, (2023, February). *Student Teacher Interrupted: The Impact of the Covid-19 Pandemic on Pre-Service Teachers*. Presentation at the Association of Mathematics Teacher Educators (AMTE). 2023 Annual Conference. New Orleans, LA. Contributor.
- White, S., (2022, March). *Why Do We Track Students? A Deep Look into Inequities in Ability Grouping and Barriers to De-tracking*. Presentation at the National Council of Teachers of Mathematics (NCTM) 2022 Regional Conference. Indianapolis, IN.
- White, S., (2021, November). *Sharing Power with Students to Increase Agency in Mathematics*. Presentation at Annual Conference for Middle Level Education. Virtual.

- Zbiek, R.M., Peters, S., Galluzzo, B., **White, S.** (2022). Secondary mathematics teachers learning to do and teach mathematical modeling: A trajectory. *Journal of Mathematics Teacher Education*. <https://doi.org/10.1007/s10857-022-09550-7>
- Zbiek, R.M., Peters, S., Galluzzo, B., **White, S.** (2021). Retrospective study of teachers' experiences that contribute to their development as modelers and teachers of modeling. *PME-NA Conference Proceedings*.
<http://www.pmena.org/pmenaproceedings/PMENA%2043%202021%20Proceedings.pdf>
- Zbiek, R.M., Peters, S., Galluzzo, B., **White, S.** (2021, October). Retrospective study of teachers' experiences that contribute to their development as modelers and teachers of modeling. Presentation at Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education. Hybrid.
- White, S.**, Howell, P. (2021). Research summary: Equity in mathematics: Helping every young adolescent access the content. *Research Summaries, Association of Middle Level Education*. <https://www.amle.org/research/equity-in-mathematics-helping-every-young-adolescent-access-the-content/>
- White, S. (2021). Overcoming barriers: De-tracking to teach for social justice. *Middle Grades Review* 7(3), 1-8. <https://scholarworks.uvm.edu/mgreview/vol7/iss3/3/>
- White, S., (2021, November). *Sharing Power with Students to Increase Agency: Why and How*. Presentation at the NCTM 2021 Annual Meeting & Exposition. Virtual.
- Zbiek, R.M., Peters, S., Galluzzo, B., **White, S.** (2021, May). *Retrospective Study of Teachers' Experiences that Contribute to Their Development as Modelers and Teachers of Modeling*. Presentation at 2021 Pennsylvania Association of Mathematics Teacher Educators (PAMTE) Symposium. Virtual.
- White, S., (2021, April). *Deepening students' understanding of slope: From concept to context in pre-algebra and beyond*. Presentation at the NCTM Virtual Annual Meeting. Virtual.
- White, S., (2020, March). *3 Ways to increase engagement while decreasing your workload*. Presentation at the Kentucky Center for Mathematics Annual Conference. Lexington, KY.
- White, S.**, Maney, M.A. (2006, October). *Math innovation made easy*. Presentation at the 2006 North Carolina Teachers of Mathematics Annual Conference. Greensboro, NC.
- Reddy (White), S. (2003). The Application of evolutionary theory to change in U.S. government. *Ergo*, 2, 1-14.

MEMBERSHIPS AND SERVICE

National Council of Teachers of Mathematics (NCTM)
Kentucky Council of Teachers of Mathematics (KCTM)

Kentucky Association of Mathematics Teacher Educators (KAMTE)

2023 **NCTM Math Advocacy Day on Capitol Hill**

2023 **NCTM Research Conference Reviewer**

2022 **ACT Prep Instructor**
Volunteer - North Oldham High School

2021-2022 **Local Planning Committee**
Oldham County Schools

2021-2022 **STEAM Exchange**
Board Member

2021-Present **North Oldham High School PTSA**
Volunteer

2021-2023 **North Oldham Middle School PTSA**
Volunteer

2020-2021 **Educational Justice**
Volunteer Trainer

HONORS AND AWARDS

2023-2024 **University of Louisville**
Dissertation Completion Award (Full scholarship and stipend)

2021-Present **University of Louisville**
Graduate Assistantship (Full tuition and stipend)

2019-2021 **University of Louisville**
University Fellowship (Full tuition and stipend)

2018 **Greater Louisville, Inc.**
Inc.credible Small Business Awards Finalist

2014 **Business First Louisville**
40 Under 40 Honoree

2014 **Commonwealth of Kentucky**
Kentucky Colonel

2003-2004

The University of Texas at Dallas

The Cecil and Ida Green Center Scholarship