

Sarah E. Hanthorn

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ACADEMIC DEGREES

Whitworth University **Spokane, WA** **June 1998**

Master in Teaching

- Action Research: *Influence of Performance Assessment on Attitude and Motivation of Seventh Grade Science Students*

Whitworth University **Spokane, WA** **May 1997**

Bachelor of Science in Biology

- Graduated Cum Laude
- Minor in History

PROFESSIONAL CERTIFICATIONS

- Professional Teaching License, Biology (PreK-12), Basic Biology

PROFESSIONAL TEACHING EXPERIENCE

George Fox University **August 2021 - Present**
College of Education, Newberg, OR
Assistant Professor of Education

West Linn-Wilsonville School District **September 1998 - August 2021**
Inza R. Wood Middle School, Wilsonville, OR
Science Educator

COURSE ASSIGNMENTS (AUGUST 2021- PRESENT)

- **Undergraduate Courses**
 - EDUC 260: *Teaching, Schooling and Learning*
 - EDUC 343: *Adventures in Math and Science I*
 - EDUC 344: *Adventures in Math and Science II*
 - EDUC 353: *Trends and Issues in Middle Level Education*
 - EDUC 371: *Curriculum Design with ESOL*
 - EDUC 376: *Student Teaching I for Mid-Level Authorization*
 - EDUC 381: *Classroom Management*
 - EDUC 485: *Selected Topics - STEAM Pedagogy*
 - EDUC 485: *Selected Topics - Tillamook Partnership (Place Based STEM Experiences)*
 - EDUC 490: *Senior Seminar*
- **Master of Arts in Teaching Courses**
 - MATG 501: *The Professional Educator*
 - MATG 503: *Diverse Learners*
 - MATG 506: *Curriculum and Instruction*
 - MATG 507: *Assessment Design and Implementation*
 - MATG 550: *Elementary Pedagogy in Science & STEAM Education*
 - MATG 580: *Classroom Management: Classroom Culture*
 - MATG 581: *Classroom Management Seminar*

CONFERENCE PRESENTATIONS AND PROPOSALS

- *Cultivating Powerful Teaching and Learning Through Partnerships and Place-Based Field Experiences.* Proposal accepted for International Christian Community for Teacher Education International Conference. Wenham, MA, May 2024.
- *Cultivating Powerful Teaching and Learning Through Partnerships and Place-Based Field Experiences.* Presented at Oregon Association of Teacher Educators Conference. Independence, OR, March 2024.
- *Place-Based Science and Engineering Learning Experiences in Preservice Teacher Training.* Proposal accepted through Association for Science Teacher Education for presentation at National Science Teachers Association National Conference. New Orleans, LA, April 2023.

SERVICE

- Undergraduate Academic Advisor (Fall 2021 - present)
- Master of Arts in Teaching Cohort Leader (Sept. 2021 - Dec. 2022)
- Welcomed prospective students to George Fox through Fridays at Fox, Bruin Preview, Scholarship Summits and Beaverton High School visit (Fall 2021- present)
- Collaborated with GFU Science Outreach Program to build relationship between the College of Education and this community focused program (Fall 2021 - present)
- Designed and led nature walks in collaboration with GFU Science Outreach Program and undergraduate preservice teachers (Fall 2023 - Spring 2024)
- Co-facilitated the implementation of a multi-week after school STEM field experience led by undergraduate preservice teachers at local elementary schools; observed, provided lesson and instructional practice feedback and support throughout the experience (Spring 2022, Spring 2023, Spring 2024)
- Partnered with Tillamook School District's Natural Resources Program to support K-5 STEM field trips and provide diverse field experiences for GFU preservice teachers (Fall 2023)
- Implemented an eight week coding field experience led by undergraduate preservice teachers during school hours at local elementary schools (Fall 2023)
- Served on College of Education Scholarship Committee (Spring 2022, Spring 2023), Co-Chaired (Spring 2024)
- Completed Search Advocate Trainings (Fall 2022, Fall 2023)
- Provided recommendations and served on committee for ATD's Secondary Education degree - Integrated Science endorsement proposal (Fall 2022)
- Participated in George Fox University's Serve Day (Fall 2022, Fall 2023)
- Participated in lesson plan template revision committee (Fall 2021)

PROFESSIONAL TRAININGS AND AFFILIATIONS

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| ● ICCTE (International Christian Community for Teacher Education) Member | 2024-Present |
| ● ASTE (Association for Science Teacher Educators) member | 2022- Present |
| ● ORATE Conference attendee | 2023, 2024 |
| ● ASTE International Conference attendee | 2023 |
| ● ICCTE Conference attendee | 2022 |
| ● Biologos Conference attendee (virtual) | 2022 |
| ● NSTA (National Science Teacher Association) member (Recent dates) | 2021- Present |
| ● New Teacher Center Webinars | 2020 |
| ● NSTA and OSTA Conferences (Recent dates) | 2020, 2016 |

COMMUNITY INVOLVEMENT

- Outdoor Education Adventures: Environmental Science Educator Volunteer May 2023, May 2024
- Youth Dynamics Adventures: Volunteer Mentor, Adventure Guide, Support Staff 1999-Present
- First Evangelical Presbyterian Church of Oregon City: Deacon, Sunday School Teacher

RESEARCH INTERESTS

- Impact of place-based science experiences in preservice teacher (PST) pedagogy courses on PST perception of and attitudes toward the teaching and learning of science.
- Involvement in long-term place-based interdisciplinary learning experiences and the impact on student attendance, engagement, learning and long term STEM interest, specifically focused on traditionally underrepresented student populations.
- Implementation of consistent outdoor environmental experiences (study and/or mindfulness practices) and the effect on student engagement and reported levels of focus and anxiety within and beyond the classroom setting.
- Work in Progress: Participating in a research group investigating the effects of field experiences on preservice teachers' self-efficacy