

Alexandria T. Wicker

Education

University of North Carolina Wilmington

May 2016

Bachelor of Science in Environmental Science, minor in Biology

Cum Laude, Cumulative GPA: 3.54

Teaching Employment

Brevard Public Schools - DeLaura Middle School

August 2023 - Current

7th Grade Science Teacher

Four sections of Advanced 7th Grade Science, two sections of Academic 7th Grade Science.

Brevard Public Schools - Andrew Jackson Middle School

August 2019 - May 2023

7th Grade Science Teacher

Three sections of Advanced 7th Grade Science, three sections of Academic 7th Grade Science.

Awards and Recognition

Space Coast Science Education Alliance Science Teacher of the Year

September 2024

National Science Teaching Association Maitland Simmons Award

March 2023

Florida District Teacher of the Year - Brevard County

July 2022

Consortium of Florida Education Foundations Invested in Excellence Award

July 2022

Teacher Leadership Council - Member

April 2022

Brevard Public Schools Teacher of the Year

February 2022

Brevard Public Schools Teacher of the Year Finalist

November 2021

Andrew Jackson Middle School Teacher of the Year

October 2021

Andrew Jackson Middle School Teacher of the Month

September 2021

Brevard Public Schools Emerging Teacher of the Year

May 2021

Brevard Public Schools Rookie Teacher of the Year

May 2020

Andrew Jackson Middle School Teacher of the Month

October 2019

Involvement

Brevard Science Curriculum Adoption Committee

September 2024 - Current

-Work with a team of five stakeholders to adopt a science curriculum for middle school science for the next five years.

Scottie Accelerated Learning Track (SALT) Program Coordinator

August 2024 - Current

-Lead our honors program, which is a group of eight core subject teachers in monthly meetings where we discuss cross curricular projects, seminars, and opportunities for our students

-Organize an 8th grade trip to Washington D.C.

-Review applications and make admission decisions for the program

National Science Teaching Association - Session Proposal Reviewer

October 2023 - Current

-Read, score, and provide feedback on session proposals submitted for the twice yearly NSTA national conferences.

Odyssey of the Mind Coach

September 2023 - Current

-Coach teams of 5-7 students in preparation for the regional OotM tournament

National Science Teaching Association - Middle School Committee

June 2023 - Current

-Participate in monthly meetings aimed at supporting NSTA members that teach middle school science.

-Serve a three year appointment.

Teacher Leadership Council - Council Chair

May 2023 - May 2024

-Organize monthly Teacher Leadership Council meetings.

-Manage the planning and execution of Teacher of the Year roundtable and summit, and Fall Professional Development Conference.

- Oversee all Teacher Leadership Council committees.
- Science Bowl Coach** November 2022 - Current
- Prepare two teams of four students to compete in a regional Science Bowl competition.
- Mentor Teacher** October 2022 - Current
- Meet weekly with two new teachers to provide guidance and support.
- Teacher Leadership Council Fellowship Program Group Lead** August 2022 - May 2023
- Mentor teachers conducting action research projects in their classrooms.
- Teacher Leadership Council - Council Chair - Elect** May 2022 - May 2023
- Support the Council Chair in organizing Teacher Leadership Council Events and Meetings
- Teacher Leadership Council Fellowship Program** October 2021 - May 2023
- Conduct an action research project on education in my classroom.
- eCYBERMISSION Competition Team Advisor** September 2020 - May 2021
- Mentor teams of students completing STEM projects that will benefit the community.
- Science Research Mentor Teacher** August 2019 - May 2022
- Mentor students while completing their projects for the Mainland Regional Science Fair.
- Meetings before and after school, three days a week. August 2019 - Current
- 7th Grade L3Harris STEM Team Coach**
- Prepare a team of six students to compete in a district-wide STEM competition.
- Weekly meetings to build skills in coding, collaboration, engineering, and communication.

Grants

- Satellite Beach Women's Club Teacher Grant - \$500** November 2023
- Broadcom Masters Finalist Award - \$1000** October 2022
- Kensington Technology Grant - \$2000** April 2022
- National Science Foundation Teacher Research Grant - \$1000** July 2021
- Soil Profile Display - DonorsChoose - \$200** April 2021
- Rock Cycle Demonstration Kit - DonorsChoose - \$200** April 2021
- Outdoor Learning Area - Donors Choose - \$1225** February 2021
- Youth Learning as Citizen Environmental Scientists Grant - \$1195** January 2021
- Brevard Schools Foundation Bright Ideas Classroom Grant - \$500** November 2020
- Society for Science and the Public STEM Kit Grant - \$500** October 2020

Professional Presentations

- Teacher of the Year Leadership Summit** January 2024
- Organized full day event for all district Teachers of the Year. Coordinated many sessions throughout the day, and designed and presented a session on collaboration and strengths.
- Future Educators of America Presenter** December 2023
- Provided breakout room session on integrating personality and strengths into teaching style to FEA students.
- Teacher Leadership Council Fall Roundtables** November 2023
- Organized event for district Teachers of the Year. Organizing included: inviting presenters and reviewing proposals, organizing speakers, presenting welcoming remarks, closing remarks, and explaining logistics for the evening, and summarizing notes from the evening and sharing with district leadership
- Teacher Leadership Council Engage in Excellence Conference** September 2023
- Served as conference organizer which included: reviewing presenter proposals, handling logistics for the day, communicating with district personnel, delivering sessions, and analyzing feedback from attendees.

For Teachers By Teachers Conference 2023	August 2023
-Led a PD session on ways to engage students in data analysis.	
Florida DOE Teacher of the Year Summit	June 2023
-Presented to current District Teachers of the Year and Florida LEAD Network Alumni on effective science teaching practices.	
Teacher of the Year Leadership Summit	January 2023
-Led Teachers of the Year from every school in Brevard Public Schools through a collaboration activity and recognized finalists.	
Future Educators of America Keynote Speaker and Presenter	December 2022
-Provided Keynote address and breakout room session on integrating STEM into your classroom at regional FEA conference.	
Brevard Public Schools New Teacher End of Year Celebration	April 2022
-Keynote speaker at a first year teacher conference.	
Teacher Leadership Council Fellowship Presentations	May 2022
-Presented year-long research investigating the effect of positive teacher-student interactions on engagement in a science classroom.	
For Teachers By Teachers Conference 2021	August 2021
-Led a required PD session for all seventh grade science teachers.	
Brevard Schools Foundation Bright Ideas Grant Video	March 2021
-Filmed a promotional video for the Bright Ideas Grant with Brevard Schools Foundation	
Brevard Public Schools New Teacher End of Year Celebration	April 2021
-Keynote speaker at a first year teacher conference.	
Brevard Public Schools Teacher Leadership Conference	April 2021
-Led a session for first year teachers discussing how to improve your practices going into your second year of teaching.	

Professional Development

Algae Academy	June 2024
On the Farm STEM Experience	March 2023 - June 2023
National Science Teaching Association National Conference	March 2023
Florida Teacher Lead Network	July 2022 - Current
Critical Educator Training	June 2022 - October 2022
Brevard Public Schools Technology Ambassador Program	August 2021 - October 2021
Research Experience for Teachers - The Echinacea Project	June 2021 - August 2021
Middle School Science Research Teacher Conference	September 2020
Brevard Professional Development Certification Program	September 2020-January 2022

Other Employment

Teacher Researcher - The Echinacea Project	June 2021 - August 2021
Lead Teacher - The Goddard School	October 2017 - June 2019
Park Ranger - Calhoun Falls State Park	October 2016 - October 2017
Wilderness Ranger - Southern Appalachian Wilderness Stewards	May 2016 - October 2016
Corps Member - NC Youth Conservation Corps	May 2015 - July 2015

Certifications

American Red Cross First Aid/CPR	April 2021
Leave No Trace Certified Trainer	June 2016
Wildland Firefighter Type 2 (Red Card)	March 2016