

## 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.
- 7th Grade L3Harris STEM Team Coach** August 2019 - Current
- 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.

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

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