

# Daniel S. Tkacik

## *Curriculum Vitae*

311 Ferst Drive ~ Atlanta, GA 30332

770-256-0469

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### **EDUCATION**

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**Georgia Institute of Technology, Atlanta, GA** **2004 - Present**  
Candidate for a Bachelor of Science Degree in Earth and Atmospheric Sciences

### **RELEVANT COURSEWORK**

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General Chemistry	Atmospheric Chemistry	Atmospheric Dynamics
Calculus I, II, III	Ocean Biogeochemical Dynamics	Earth System Modeling
Differential Equations	Earth Processes	Environmental Field Methods
Physics I, II	Quantitative Techniques	Atmospheric Circulation
Inorganic Chemistry	Earth System Thermodynamics	Physics of the Weather
Climate and Global Change	Radar and Satellite Meteorology	Biological Principles

### **HONORS**

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S. Rutt Bridges Fellowship Recipient **2008**  
Gamma Beta Phi Honor Society **2008-Present**  
Dean's List at the Georgia Institute of Technology **2004-Present**

### **EXPERIENCE**

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**Aerosol-Cloud-Climate Interaction Research** **Fall 2007 – Present**  
Advisor: Dr. Athanasios Nenes  
Assessed thermodynamic properties of multi-component aerosols through measurements of surface tension, contact angle, and CCN activity.

**Students Observing & Researching Meteorology (StORM), Vice President** **2007 - Present**  
Student organization for meteorology enthusiasts that frequently meets with the American Meteorology Society (AMS).

**Biogeochemistry of DIC in Salt Marshes Research** **Spring 2008**  
Advisor: Dr. Martial Taillefert  
Measured spatial and temporal variations of dissolved inorganic carbon (DIC) in the salt marshes of Skidaway Island, GA.

**Internship under Chief Meteorologist Gene Norman, WGCL-TV** **Spring 2007**  
Assisted in production of weather forecasts for the 4PM and 6PM news broadcasts; implemented WeatherCentral's 3D:Live program to generate graphics for the weather forecasts.

**Team Leader for GT1000 Freshman Seminar**

**Fall 2007**

Advised freshman in the School of Earth and Atmospheric Sciences. Exposed students to research, internship, co-op, and other opportunities available within the school in order for them to gain real-life experience in the field.

**EDUCATION OUTREACH**

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**Students Learning About Meteorology (SLAM)**

**2008 – Present**

Visited many metro-Atlanta elementary schools and taught students about various meteorological topics.

**PROFESSIONAL AFFILIATIONS**

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American Geophysical Union (AGU)

American Meteorological Society (AMS)

**CERTIFICATIONS**

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Certified Radioactive Material (RAM) Worker

Hazardous Waste Awareness Certified

Right-to-Know Basic Awareness Certified