

Daniel S. Tkacik

Curriculum Vitae

311 Ferst Drive ~ Atlanta, GA 30332

770-256-0469

daniel.tkacik@gatech.edu

EDUCATION

Georgia Institute of Technology, Atlanta, GA **2008**
High Honors, Bachelor of Science degree in Earth and Atmospheric Sciences

RELEVANT COURSEWORK

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

President's Undergraduate Research Award **2008**
S. Rutt Bridges Fellowship Recipient **2008**
Gamma Alpha Tau - Earth and Atmospheric Sciences Honor Society **2008**
Gamma Beta Phi Honor Society **2008**
Dean's List at the Georgia Institute of Technology **2004-2008**

EXPERIENCE

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 - 2008**

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, 2008

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

Students Learning About Meteorology (SLAM)

2008

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

PROFESSIONAL MEMBERSHIPS

American Geophysical Union (AGU)
American Meteorological Society (AMS)
Nature

CERTIFICATIONS

Certified Radioactive Material (RAM) Worker
Hazardous Waste Awareness Certified
Right-to-Know Basic Awareness Certified