

J. MICHAEL BATTALIO

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EDUCATION

Master of Science in Meteorology. Mississippi State University, Starkville, MS, Spring 2012.

Relevant Coursework:

- Tropical Meteorology, Research Methods, Intro to Probability

Double Major, Bachelor of Science in Physics and Bachelor of Science in Geosciences with a concentration in Professional Meteorology (emphasis in Broadcasting) with minors in Mathematics, Music, and Communication. Mississippi State University, Starkville, MS. Spring 2010. GPA: 3.97/4.0.

Relevant Coursework:

- Applied Climatology, Weather Analysis I-II, Weather Forecasting I-II, Satellite and Radar Meteorology, Synoptic Meteorology, Physical Meteorology, Dynamic Meteorology I-II, Statistical Climatology, Mesoscale Meteorology, Geowriting, Computer Applications in Atmospheric Dynamics, Research in Applied Climatology, World Geography, Physical Geography, Water Resources, Planetary Geology
- Calculus I-IV, Linear Algebra, Differential Equations I-II, Foundations of Geometry
- Physics I-III, Descriptive Astronomy, Modern Physics, Chemistry I-II, Intermediate Mechanics I, Nuclear and Particle Physics Electromagnetic Fields I, Quantum Mechanics I-II, Optics, Intermediate Lab, Circuits for Scientists, Programming in C, Introduction to Logic
- Public Speaking, Introduction to Theatre, Voice and Articulation, TV Production, Advanced TV Production, Mass Media, Broadcast Performance, Practicum in Broadcast Meteorology I-IV
- Music Theory I-II, Ear Training I-II, History and Appreciation of Music, Piano I-V, Cello I-IV

SCHOLARSHIPS

Graduate: American Meteorological Society Fellowship, Mississippi State Service Assistantship

Undergraduate: National Science Foundation S-STEM Fellow, Guillermo Salazar Rodriguez Scholarship, George Kappler Endowed Scholarship, Gulmon Memorial Scholarship, Anthony Cozzani Memorial Scholarship, Walton Family Foundation Scholarship, Presidential Freedom Scholarship, Marching/Concert Band Scholarship

EXPERIENCE

Lab Assistant. Department of Education, Teacher Academy for the Natural Sciences. Summer 2010.

- Plan and teach daily labs
- Program and administer TANS website

Teaching Assistant. Mississippi State University Department of Physics, Starkville, MS. Spring 2010.

- Teach Physical Science Lab
- Assign grades, write final and midterm examinations

Research Assistant. Engineer Research and Development Center, Environmental Lab, Vicksburg, MS. Summers 2004 – 2010; winters 2005-2009.

- Analyzing bat migration and climate data for military installations in Mississippi
- Analyzing climate, stream flow, and pollution data for Ft. Benning reclamation project
- Typing speed: 70 wpm
- Stereoscopic analysis of landforms and areas of industrial waste

ACTIVITIES AND AWARDS

Mississippi State University Society of Scholars

American Meteorological Society

Webmaster for East Mississippi Chapter of the National Weather Association

Phi Kappa Phi Honor Society

Head Drum Major for the MSU Famous Maroon Band

Society of Physics Students

Saxophonist for MSU Concert Band

First Cellist Mississippi Symphony Orchestra

McGraw-Hill MSU Speech Competition Finalist

Reveille Yearbook Webmaster

MSU String Studio and MSU Piano Studio