

Stefan Reed Rahimi

Graduate Research Assistant: The University of Wyoming
1816 South 10th Street, Laramie, Wyoming 82070
srahimi@uwyo.edu
Phone (405) 471.1117

Curriculum Vitae

Education

Doctor of Philosophy in Atmospheric Science Candidate; 2018
University of Wyoming College of Engineering
The University of Wyoming, Laramie, Wyoming

Master's of Science in Meteorology; December 2014
Oklahoma School of Meteorology
The University of Oklahoma, Norman, Oklahoma

Bachelor's of Science in Meteorology; May 2012
Minor: Mathematics
Oklahoma School of Meteorology
The University of Oklahoma, Norman, Oklahoma

Distinctions

Outstanding Teaching Assistant, 2013-2014
School of Meteorology, University of Oklahoma

President's Honor Roll, Spring 2011

Dean's Honor Roll, Spring 2011, Fall 2011

Research Interests

- Fluid Mechanics
 - Numerical Atmospheric Modeling
 - Climate Dynamics
 - Computational Fluid Dynamics
 - Severe Weather
-
-

Publications

In preparation:

Shapiro, A. M., **S. Rahimi**, L. Orf, and C. K. Potvin: 2014: Improving trajectory analyses with an advection correction procedure. *Severe Local Storms Conference*.

Stefan Reed Rahimi

Graduate Research Assistant: The University of Wyoming
1816 South 10th Street, Laramie, Wyoming 82070
srahimi@uwyo.edu
Phone (405) 471.1117

Shapiro, A. M., E. Fedorovich, and **S. Rahimi**: 2014: A unified theory for the Great Plains nocturnal low-level jet. *American Geophysical Union Fall Meeting*.

Proficiencies

- FORTRAN 90
- Python
- Atmospheric Dynamics
- Newtonian Physics
- Vector Calculus
- Differential Equations

Teaching Experience

Mesoscale Meteorology

Instructor; Summer 2014

Mesoscale Meteorology

Grader; Spring 2014

Atmospheric Dynamics 3

Supplemental Instructor in 8 lectures, Grader; Fall 2013

Mesoscale Meteorology

Supplemental Instructor in 5 lectures, Grader; Spring 2013

Atmospheric Dynamics 1

Supplemental Instructor in 2 lectures; Fall 2013

Quiz and exam material manager, Grader

Introduction to Meteorology 1 for Majors Laboratory

Lab Instructor, Grader; Fall 2012

Introduction to Meteorology 2 for Majors Laboratory

Lab Instructor, Grader; Summer 2013, Spring 2014, Summer 2014