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| Ty Dickinson  1 (810) 488-9944  1111 Oak Tree Avenue Apt. 247, Norman, OK 73072  Ty.Dickinson@ou.edu  http://weather.ou.edu/~tydickinson29 |  |

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Objectives

Eager and ambitious student looking to continue research to enhance resiliency throughout the United States

Education

August 2015- Present | University of Oklahoma

* Majoring in a B.S. in Meteorology; double minoring in Mathematics and Physical Geography
* Core GPA: 4.0; Overall GPA: 3.88
* Director of Climate Operations of the Oklahoma Weather Lab (OWL), OU Outreach, Student Ambassador for the School of Meteorology
* 2016-2018 NOAA Hollings Scholar
* Notable classes taken: Introduction to Meteorology I and II; Calculus I, II, and III; Physics I and II; Dynamics I and II; Atmospheric Thermodynamics; Atmospheric Optics, Electricity, and Cloud Physics; Meteorological Measurements; Ordinary Differential Equations. Currently enrolled in: Dynamics III, Synoptic Meteorology, Capstone, Atmospheric Radiation and Climate, and Partial Differential Equations
* Knowledgeable in Python (especially the Pandas module), Visual Basic, and MATLAB

August 2014- April 2015 | Oakland University

* Progressed towards a B.S. in Mathematics
* Member of the Honors College
* Member of varsity Cross Country team

September 2010- June 2014 | Port Huron Northern High School

* Earned Valedictorian honors; Rank 1 of 286
* Passed eight out of eight Advanced Placement exams taken earning the AP Scholar with Distinction honor
* Member of National Honor Society, Student Council; Class Vice President in Student Council for 2012-2013 school year
* Four year varsity letter winner in cross country, track and field; four year captain in cross country, two year captain in track and field

Research Experience

August 2017 | May 2018

“Improving Impact-Based Seasonal Outlooks for Extreme Weather and Climate Events in the Central Plains”

Mentors: Dr. Larry Hopper Jr. | Austin/San Antonio National Weather Service WFO| [larry.hopper@noaa.gov](mailto:larry.hopper@noaa.gov)

Dr. Cameron Homeyer | University of Oklahoma School of Meteorology | [chomeyer@ou.edu](mailto:chomeyer@ou.edu)

May 2017 | August 2017

“Improving Impact-Based Seasonal Outlooks for Extreme Weather and Climate Events in South Central Texas”

Mentor: Dr. Larry Hopper Jr. | Austin/San Antonio National Weather Service WFO

2090 Airport Road, New Braunfels, TX 78130 | [larry.hopper@noaa.gov](mailto:larry.hopper@noaa.gov)

Presentation Experience

September 2017

“The Oklahoma Weather Lab and the Southern Climate Impacts Planning Program: How This One of a Kind Partnership is Pioneering Public Aimed Mid-Range Forecasts”

To be presented as a poster presentation at the National Weather Association’s 42nd Annual Meeting

March 2017

“The Oklahoma Weather Lab and the Southern Climate Impacts Planning Program: How This One of a Kind Partnership is Pioneering Public Aimed Mid-Range Forecasts”

Presented as a poster presentation at the Texas Weather Conference

Work Experience

April 2017 | Present | Undergraduate Student Assistant, Southern Climate Impacts Planning Program

Margret Boone | Program Manager, Southern Climate Impacts Planning Program | 120 David L. Boren Blvd., Suite 2900 Norman, OK 73072 | (405) 325-7809

Primarily focused on creating the SCIPP newsletter known as the Southern Climate Monitor. Other responsibilities include logistical and scheduling support for various workshops and meetings, preparation of educational climate hazards materials, and support in the development of climate hazards related products.

Skills

* Passionate, dedicated, intelligent, patient, fun-loving