Kenneth Crawford Awards

Dr. Kenneth Crawford was the director of the Oklahoma Climatological Survey for 20 years, co-founder of the Oklahoma Mesonet, professor at OU’s School of Meteorology, and mentor for many students. During his 20-year tenure at OU, he supervised more masters and PhD students than any other faculty at the School of Meteorology. This is in addition to the many undergraduate students that he taught and mentored over the years. He always had a line of students at his door.

Before his passing in 2014, Dr. Crawford expressed a desire for his fund to financially assist students who shared in his passions for synoptic meteorology and measurements. Today, two $750 Kenneth Crawford awards carry on his legacy by recognizing outstanding performance and student initiative in these areas.

2020 Kenneth Crawford Award for Synoptic Meteorology:

Matthew Bray
BS in Meteorology, Summa cum Laude, spring 2020

2020 Kenneth Crawford Award for Measurements:

Meteorology major Zoe Douglas, Class of 2021.

David James Shellberg Scholarship

The Oklahoma Mesonet also awards the David James Shellberg Memorial Scholarship, presented each year in memory of David Shellberg to a student in recognition of exemplary research using geophysical data. David earned his Bachelor of Science in Meteorology from Purdue University before coming to the University of Oklahoma for graduate school. He earned his Masters in Meteorology from OU in 1994. After completing his degree, David joined the Oklahoma Climatological Survey as a research associate, to continue his work on the Oklahoma Mesonet, where he played an integral part in making the Oklahoma Mesonet a reality. David died in a plane crash in Indiana on October 31, 1994; he was only 25 years old. His parents, Rosemary and James Shellberg, endowed this $500 scholarship in his name. This award is presented at the end of the spring semester, so we are honoring the 2019 winner here.

2019 David James Shellberg Memorial Scholarship:
**Ryann Wakefield** for her paper *A Modified Framework for Quantifying Land-Atmosphere Covariability during Hydrometeorological and Soil Wetness Extremes in Oklahoma*. Ryann earned a Master of Science in Meteorology in 2018 and is currently a doctoral degree candidate in meteorology.

**John T. Snow Study Abroad Scholarship**

The $1500 John T. Snow Study Abroad Scholarship was established in 2010 to honor John T. Snow’s 16 years of service, from 1994-2010, as Dean of the College of Geosciences and subsequently the College of Atmospheric and Geographic Sciences at the University of Oklahoma, and also in recognition of his efforts at promoting international experiences for undergraduate students. This year’s JT Snow Scholarship is presented to:

**Juliana Mejia** BS in Meteorology, Class of 2022

**Department of Geography & Environmental Sustainability Awards**

**Clyde F. Bollinger**

Clyde F. Bollinger was the first geography faculty member to be hired at OU, in 1920. The Clyde F. Bollinger Award is presented to a graduating senior who has shown an enthusiasm for the discipline and has exhibited exceptional involvement with the department. This year’s recipient is:

**Maya Henderson**, BA in Environmental Sustainability, Special Distinction, Spring 2020

**John M. Caldwell Memorial Awards**

The $750 John M. Caldwell Memorial Graduate Teaching Award was established in memory of Dr. John Caldwell, who earned his PhD in Geography from OU in 1982. Dr. Caldwell was a professor of geography at Louisiana Tech University and an outstanding college teacher. The award goes to graduate students who have demonstrated excellence in college teaching. This year’s recipient is:

**Filo Gómez**, Master of Science in Geography

**James Davis Geography Early Scholar Award**

The $750 James C. Davis Geography Early Scholar Award is presented to an academically talented student who declared geography as a major early in his or her academic career. This year’s recipient is:

**Savannah Lemmons**, BS in Geographic Information Science, Class of 2022
Ralph and Margaret Olson Scholarships

The Ralph and Margaret Olson Scholarships were established by a very generous donation from the late Ralph and Margaret Olson. Ralph Olson was a member of the Geography faculty for more than 30 years. These $750 scholarships recognize students who have demonstrated commitment to geography, academic excellence, and financial need. This year's recipients are:

Matthew Armor, BA in Geography, Class of 2021  
Jenna Randall, BA in Environmental Sustainability, Class of 2022  
Jay Wimhurst, Doctor of Philosophy in Geography

Pugh Pioneer Family Scholarship

The $750 Pugh Pioneer Family Scholarship was established by Dr. Ed Pugh and his wife Shirley to recognize a geography undergraduate major with an outstanding academic record. Ed Pugh received his Ph.D. in geography at OU in 1996 and was a very strong supporter of geographic education in Oklahoma. This year's recipients are:

Brandon Nguyen, BA in Environmental Sustainability, Class of 2021  
Christian Capehart, BS in Geographic Information Science, Class of 2021

Charles Standley Memorial Award

The $500 Charles Standley Memorial Award is presented to a graduate student for an outstanding publication. This year we are pleased to present the Charles Standley Memorial Award to:

Ethan Heck, Master of Science in Geography for his paper *Evaluation of the MODIS collections 5 and 6 for change analysis of vegetation and land surface temperature dynamics in North and South America*, published in the *ISPRS Journal of Photogrammetry and Remote Sensing*, v156, 121-134

Bheru and Lila Sukhwal Scholarship

In 1969, Behru Lal Sukhwal became the first student to earn a PhD in Geography from the University of Oklahoma. Dr. Sukhwal and his wife Lila later established a $750 scholarship, to be presented to a graduate student who produces outstanding work in the area of political geography. This year’s Behru and Lila Sukhwal scholarship is presented to:

Aditi Singh, Doctor of Philosophy in Geography
**Gress Family Geography Scholarship**

The Gress Family Scholarship was established by Dr. Gary Gress and his wife, Wanda. Dr. Gress earned his PhD in Geography from OU in 2001. He is currently a lecturer in the department, and previously served as the Coordinator of OKAGE, and as the Vice President of the National Council for Geographic Education Executive Planning Board. The Gress Family Scholarship is awarded to a student who is an active contributor to the department via academic endeavors, service projects, and research. This year’s recipient is:

**Erin Stanley**, BA in Geography, Class of 2021

**Vernon & Sandra Nutter Scholarship**

The Vernon and Sandra Nutter Award is presented to a student for superior academic performance. Vernon Nutter was a 1970 Geography graduate who, upon his passing, wanted to assist outstanding students in the department. This year’s recipients are:

**Julie Bahr**, BA in Environmental Sustainability, Class of 2021  
**Rajveer Korpe**, BS in Environmental Sustainability, Class of 2021  
**Dorothy Na-Yemeh**, Doctor of Philosophy in Geography

**SWANA**

The Oklahoma Chapter of the Solid Waste Association of North America established a $1500 scholarship in 2017. This year, the fourth annual SWANA scholarship is presented to:

**Katherine “Rose” Nordhues**, BA in Geographic Information Science, Class of 2021

**South Central Climate Science Adaptation Center Scholarship**

The 1,000 South Central Climate Science Adaptation Center Scholarship is presented to outstanding undergraduates from any major within the Department of Geography & Environmental Sustainability. This year’s recipients are:

**Carli Buchanan**, BS in Meteorology, Class of 2021  
**Cassady Shaw**, BS in Geographic Information Science, Class of 2021
School of Meteorology Awards

Thomas Julian Lockhart Scholarship
The $500 Thomas Julian Lockhart Scholarship in Meteorological Measurements and Observing Systems is presented to a top performing student who has attained at least junior status and who has also demonstrated strong abilities and interests in meteorological instrumentation and observing systems. This year’s recipient is

Max Ungar, BS in Meteorology, Special Distinction, Class of 2020

Fawbush-Miller Scholarship
The Fawbush-Miller Scholarship for Excellence in Forecasting is named in honor of Air Force Captain Robert C. Miller and Major Ernest J. Fawbush, who made the first successful tornado forecast on March 25, 1948. This scholarship provides $500 to the undergraduate student winner of the Weather Challenge. This year’s winner is:

Tyler Stanfield, BS in Meteorology, Class of 2020. This is the third year in a row Tyler has won this scholarship -- a record!

SoM Study Abroad Scholarships
(all Reading Spring 2019)

Kristine Chen, BS in Meteorology, Summa cum Laude, Spring 2020
Matthew DeMaria, BS in Meteorology, Summa cum Laude, Spring 2020
Connor Pearson, BS in Meteorology, Special Distinction, Spring 2020
Annalisa Sanfilippo, BS in Meteorology, Special Distinction, Spring 2020
Alyssa Woodward, BS in Meteorology, Distinction, Spring 2020

The following awards are the School of Meteorology’s annual student awards, which are presented to students on the basis of academic performance and service contribution. The students are selected by the Meteorology faculty and by the Director of the School. Funding for the awards has been generously donated by supporters of the School of Meteorology including our alumni and faculty.

Meteorology Junior with Best Overall GPA

Izzi Ariail, Class of 2021
Jacob Genuise, Class of 2021
Mya Sears, Class of 2021
Meteorology Senior with Best Overall GPA

Kristine Chen, Class of 2020
Matthew Bray, Class of 2020

Outstanding Performance as an Undergraduate

The criteria for the faculty recognition for Outstanding Performance as an Undergraduate includes grade point average and other extracurricular activities, such as jobs, volunteer work and committee work. This year’s recipient is:

Kristine Chen, Class of 2020

Outstanding Service as an Undergraduate

The School of Meteorology Director’s Recognition for Outstanding Service to the Department as an Undergraduate Student is presented to a student who has given freely of his or her time and talents to departmental activities, such as participation in student groups. This year’s winner is:

Joshua Schank, Class of 2020

Kelvin & Lisa Droegemeier Scholarship for Excellence in Meteorology

The $500 Kelvin and Lisa Droegemeier Endowed Scholarship for Excellence in Meteorology was established to award full-time undergraduate students who have completed at least 45 hours of course work and have maintained at least a 3.5 GPA in their meteorology courses as well as direct prerequisites. This year’s recipients are:

Connor Pearson, BS in Meteorology, Class of 2020
Andrea Gordon, BS in Meteorology, Class of 2021

Eric Nguyen Memorial Scholarship

The Eric Nguyen Memorial Scholarship is awarded to the School of Meteorology student who is involved in developing and maintaining weather displays and visualizations as part of the HOOT Development lab. This $500 Scholarship was founded by Rachael Sigler, Bob Fritchie, and Amos Magliocco. This year’s recipient is:

Victor Alvarez, BS in Meteorology, Class of 2023
Forrest W. Johns Memorial Scholarship

Since 2007, the Forrest W. Johns Memorial Scholarship has been awarded to a graduate or undergraduate student who has made a significant contribution to the Oklahoma Weather Laboratory, which is a student organized weather forecasting service for the OU campus. The recipient is selected based on the quantity and quality of the student's contributions, which include leadership, forecast skills and overall participation. Dr. Mary Ann Johns provided the funding for this scholarship in honor of her late husband. This year’s recipients are:

Joshua Schank, BS in Meteorology, Class of 2020
Bruce Pollack, BS in Meteorology, Class of 2023

Elbert W. “Joe” Friday Scholarship

The Elbert W. “Joe” Friday Scholarship is named in honor of meteorology professor emeritus Elbert W. “Joe” Friday, who is in attendance this evening. Dr. Friday served as professor of applied meteorology at OU, as WeatherNews Chair, Assistant Administrator for the Office of Oceanic and Atmospheric Research of the National Oceanic and Atmospheric Administration, and Director of the Board on Atmospheric Sciences and Climate at the National Academy of Sciences, among many other professional accomplishments. This $2500 scholarship is presented to a full-time female meteorology major in her sophomore or junior year. This year’s recipient is:

Izzi Ariail, BS in Meteorology, Class of 2021

Rex Inman Scholarship

The Rex Inman Scholarship is named in honor of former School of Meteorology director Dr. Rex Inman. Dr. Inman was as well-known for his tough, demanding classes in Atmospheric Dynamics and Numerical Weather Predictions as he was for his gregarious personality. The $500 award named in his honor is presented to a full-time undergraduate student who has completed at least 45 hours of coursework and has maintained a 3.50 grade point average in their meteorology courses as well as a 3.50 in the pre-requisites to those courses. This year’s recipients are:

Alyssa Woodward, BS in Meteorology, Class of 2020
Max Ungar, BS in Meteorology, Class of 2020
Edwin and Lottie Kessler Memorial Scholarship
Dr. Edwin Kessler was the first director of the National Severe Storms Laboratory when it moved to OU’s North Base in 1964. Under Dr. Kessler’s leadership, new and far-reaching Doppler radar research was conducted that would eventually lead to the development of NEXRAD, the Next Generation Radar System, in the early 1980s. Dr. Kessler passed away in 2017 at the age of 88. The Edwin and Lottie Kessler Memorial Endowed Scholarship in Meteorology was established to honor Dr. Kessler’s many years of service. The recipients of this year’s scholarships are:

Kat Davis (senior continuing), Class of 2020
Isaiah Schick (junior continuing), Class of 2021
Juliana Mejia (sophomore, new), Class of 2022

Mark & Kandi McCasland Award for Outstanding Undergraduate Research
The Mark and Kandi McCasland Award for Outstanding Undergraduate Research is presented to the authors of the authors of a refereed journal article that was based on undergraduate research. Given the time for the journal submission and review process, the award is usually presented to alumni within one year of graduation. This year’s Mark and Kandi McCasland Award is presented to:

Matthew Bray, Class of 2020, for his paper Examining the Relationship between Tropopause Polar Vortices and Severe Weather Outbreaks written in collaboration with S. Cavallo and H. Bluestein, to be submitted Summer 2020.

Outstanding Performance as a Graduate Student
The Faculty Recognition for Outstanding Performance as a Graduate Student is based on GPA, volunteer work, and committee work. The recipient of this year’s award is:

Jordan Christian, Doctor of Philosophy

Outstanding Service as a Graduate Student
The School of Meteorology Director’s Recognition for Outstanding Service to the Department as a Graduate Student is presented to a graduate student who has given freely of his or her time and talents to departmental activities. This year’s recipient is:

Emily Tinney, Master of Science

Outstanding Teaching Assistant
Noah Brauer, Doctor of Philosophy
**Tommy C. Craighead Award**

The Tommy C. Craighead award was established in 2007. Mr. Craighead was a prominent Ardmore businessman and a major donor to the University of Oklahoma. This $500 award is presented to any University of Oklahoma student or recent graduate who is the lead author on a refereed journal article (preferably accepted, but at least submitted) with a focus on radar studies of the atmosphere. The research described in the article should exemplify the inter-disciplinary nature of remote sensing of the atmosphere using radar. The 2018-2019 recipient of the Tommy C. Craighead award is:


**Yoshi Sasaki Award**

The Koko and Yoshi Sasaki Award for Best M.S. Manuscript is named in honor of the late Dr. Yoshi Sasaki, one of the founding faculty members of the OU School of Meteorology. Dr. Sasaki is recognized for developing the theory of single Doppler Radar wind analysis and was a George Lynn Cross Research Professor at OU. We are honored to keep his memory alive with this award. The $300 Yoshi Sasaki Award for Best M.S. Manuscript was first awarded in 1999. This year, the 21st annual award is presented to:


**Douglas Lilly Award**

The $400 Douglas Lilly Award for Best PhD Manuscript. Dr. Douglas Lilly was an OU professor of Meteorology, and was the first to hold the Robert Lowry Endowed Chair in Meteorology at OU. In addition, he was the Director of the Cooperative Institute for Mesoscale Meteorological Studies, as well as Director for the Center for Spatial Analysis. Dr. Lilly also became the State of Oklahoma’s first person to be elected to the National Academy of Sciences. This year the Douglas Lilly Award for Best PhD Manuscript was presented to:


**OU Provost’s Ph.D. Dissertation Prize Award**

**Xu Lu**, Doctor of Philosophy in Meteorology, December 2019.