TO OUR GRADUATES

Today you are graduates of the University of Illinois. It is a remarkable achievement, and we hope that you celebrate the occasion with loved ones. Commencement is a joyous and deeply symbolic event for all, including the faculty members and staff who have supported you on your journey. It is profoundly disappointing that we are unable to celebrate it together this spring. The Class of 2020 will long be remembered, however, for not only what was lost, but for your resilience and determination as you finished your degree in the face of one of the greatest challenges in our nation’s history.

Congratulations, and we look forward to learning of your future success.

“HAIL TO THE ORANGE”

Hail to the Orange, Hail to the Blue,
Hail Alma Mater, Ever so true.
We love no other, So let our motto be,
Victory, Illinois, Varsity!
ACADEMIC DRESS

Academic dress, consisting of cap, gown, and hood, originated about the twelfth century and was worn primarily for warmth. Subsequently, the material of the gown and lining, and the shape of the hood, represented the economic and social, as well as academic status of the wearer.

In the United States, the great majority of the academic costumes now worn are in accordance with the general provisions of the Intercollegiate Code of 1895, which was revised in 1932 and again in 1960. Under this code, the bachelor’s gown has pointed sleeves, the master’s gown has oblong sleeves with an arc at the bottom, and the doctor’s gown has bell-shaped sleeves. All gowns are black, although the adoption of colored gowns by individual institutions in the United States is becoming more prevalent.

The bachelor’s and master’s gowns are untrimmed. The doctor’s gown is faced down the front with velvet and has three bars of velvet across the sleeves. The facing and bars may be black or may be the color of the subject to which the degree pertains. The bachelor’s gown is worn closed; the master’s and doctor’s gowns may be worn open or closed. Women may wear white collars with the bachelor’s gown when no hood is worn.

Hoods are also black. The bachelor’s hood is 3 feet in length, the master’s is 3½ feet, and the doctor’s is 4 feet. Hoods are lined with the official color or colors of the college or university conferring the degree. At the University of Illinois, the lining is orange and blue. The colored velvet border of the hood, which is 2 inches, 3 inches, and 5 inches wide for the bachelor’s, master’s, and doctor’s degree respectively, identifies the faculty or field of study to which the degree pertains.

The black mortarboard cap is standard in the United States. Usually, all tassels are black, but where the graduating seniors do not wear hoods, as at the University of Illinois, the color of the cap tassel indicates the department of study. At the University of Illinois, candidates for degrees wear tassels on the right front quadrant of their caps before degrees are conferred, and move them to the left front quadrant after degrees are conferred. Caps are considered a part of the costume and are customarily removed only during an invocation or benediction, and then by men only.

For all academic purposes, including trimmings of doctor’s gowns, edging of hoods, tassels of caps, and linings of banners, there are different colors associated with the different disciplines. The color for Liberal Arts & Sciences is white.

Caps and gowns were worn for the first time at the University of Illinois Commencement ceremony of 1897. In the early 1900s the Commencement procession marched up Burrill Avenue to the old Armory. After diplomas were received, the procession marched back to the lawn south of Green Street. The seniors sang the State song and “Auld Lang Syne” before they said good-bye to each other and the campus.
LAS ADMINISTRATION

Feng Sheng Hu, Harry E. Preble Dean of the College of Liberal Arts & Sciences
Angela Graham, Assistant to the Dean
Barbara Hancin-Bhatt, Associate Dean for Student Academic Affairs
Robert Kessler, Assistant Dean for Finance and Resource Planning
Kelly A. Ritter, Associate Dean for Curricula and Academic Policy
David H. Tewksbury, Executive Associate Dean of Social and Behavioral Sciences and Area Centers
Barbara Hancin-Bhatt, Associate Dean for Student Academic Affairs
Robert Kessler, Assistant Dean for Finance and Resource Planning
Kelly A. Ritter, Associate Dean for Curricula and Academic Policy
David H. Tewksbury, Executive Associate Dean of Social and Behavioral Sciences and Area Centers
Matthew A. Ando, Associate Dean for Life and Physical Sciences
Martin Camargo, Associate Dean for Humanities and Interdisciplinary Programs
Joan M. Volkman, Associate Dean for Advancement
Isabel Molina-Guzmán, Faculty Director for Diversity and Inclusion
W. Brad Petersen, Executive Director of Communications and Marketing
Derek Fultz, Director of Facilities
Randy McCarthy, Faculty Director of ATLAS

SCHOOL OF EARTH, SOCIETY, & ENVIRONMENT

DEPARTMENT HEADS AND SCHOOL DIRECTOR

Thomas Johnson, Head, Department of Geology
Robert Rauber, Director, School of Earth, Society, & Environment
Robert J. Trapp, Head, Department of Atmospheric Sciences
Shaowen Wang, Head, Department of Geography & Geographic Information Science

FACULTY

Kwame Adovor Tsikudo, Geography & Geographic Information Science
Stephen Altaner, Geology
Alison Anders, Geology
Jay Bass, Geology
James Best, Geography & Geographic Information Science and Geology
Jessica Choate, Atmospheric Sciences
Max Christie, Geology
Julie Cidell, Geography & Geographic Information Science
Piotr Cienciala, Geography & Geographic Information Science
Jessica Conroy, Geology
Larry Di Girolamo, Atmospheric Sciences
Chunyuan Diao, Geography & Geographic Information Science
Francina Dominguez, Atmospheric Sciences
Jennifer Druhan, Geology
AWARDS AND HONORS

ATMOSPHERIC SCIENCES
Ogura Award for Outstanding Senior in Atmospheric Sciences
Bridget Rose Ketter

Ogura Award for Outstanding Undergraduate Research
Antonio M. Elizondo
Scott Gregory James
Bridget Rose Ketter
Jasmine Lara
Marley Elizabeth Majetic
Michael Thomas Ragauskis

Graduate College Master's Fellowship
Antonio M Elizondo

GEOGRAPHY & GEOGRAPHIC INFORMATION SCIENCE
Gamma Theta Upsilon
Jarod Brent Fox
Samah Nuha Quadri
Anthony D. Scarborough

Howard Roepke Undergraduate Scholarship
Andrea B. Bautista
Tyler J. Blackwell
Anthony Edward Haloulos
Julyssa B. Morales
Samah Nuha Quadri
Collin Richard Schuricht
William Roland Webb
Yuchen Zou

Jerome Fellmann Award
Samah Nuha Quadri

John Thompson Award
Collin Richard Schuricht
Yanbing Yi

Yvette B. Hernandez Undergraduate Scholarship
Julyssa B. Morales
Samah Nuha Quadri

GEODES

EARTH, SOCIETY, & ENVIRONMENTAL SUSTAINABILITY
Outstanding Senior
Melanie Ann Rohla

GEOLOGY
Estwing Award
Cameron Michael Desilva

R. James Kirkpatrick Award for Outstanding Graduate Research in Geology
Allie Wyman

Harriet Wallace Outstanding Woman Graduate Student Award
Haley E. Cabaniss

Harriet Wallace Outstanding Woman Undergraduate Student Award
Jinyu Wang

Harriet Wallace Geology Graduate Student Service Award
Julia Cisneros
AWARDS AND HONORS

Harriet Wallace Geology Undergraduate Student Service Award
Katie M. Mandera

Outstanding Graduate Teaching Assistant Award
Nooreen Meghani
Nicole Kathleen Murray

Outstanding Senior Award
Claire M. Williams

GRADUATES WITH DEPARTMENTAL DISTINCTION

Highest Distinction

ATMOSPHERIC SCIENCES
Antonio M. Elizondo
Justin Phillip Jones
Britta S. Sindelar

EARTH, SOCIETY, & ENVIRONMENTAL SUSTAINABILITY
Shelby Cheyenne Job
Nikolas Eric Merten

GEOLOGY
Claire M. Williams

High Distinction

ATMOSPHERIC SCIENCES
Bridget Rose Ketter
Marley Elizabeth Majetic
Michael Thomas Ragauskis

EARTH, SOCIETY, & ENVIRONMENTAL SUSTAINABILITY
Bridget Rose Ketter
Hannah R. Rachlis
Brooke Mae Wilson

GEOGRAPHY & GEOGRAPHIC INFORMATION SCIENCE
Tyler J. Blackwell
Jarod Brent Fox
Naina Gupta
Anthony Edward Haloulos
Justin Phillip Jones
Collin Richard Schuricht
Nicholas Craig Shapland
Yanbing Yi

GEOLOGY
Jack Dylan Brown
AWARDS AND HONORS

Distinction

ATMOSPHERIC SCIENCES
Nathan Alvarez
Scott Gregory James
Jasmine Lara
Da Wei Qiu

EARTH, SOCIETY, & ENVIRONMENTAL SUSTAINABILITY
Emily A. Carroll
Gwendolyn Chloe Heidkamp

GEOGRAPHY & GEOGRAPHIC INFORMATION SCIENCE
McKenzie Colyer
Eric Mark Czarnota
Paul Lastra
Timothy McCabe Manning
Samantha Barrie Myers Miller
Samah Nuha Quadri
Anthony D. Scarborough
Brandon Michael Smith
Yuchen Zou

GEOLOGY
Cameron Michael Desilva
Katie M. Mandera
McKailey Mary Sabaj

GRADUATES WITH UNIVERSITY DISTINCTION

Chancellor’s Scholars
Nicholas Craig Shapland, Geography & Geographic Information Science

James Scholars
Jarod Brent Fox, Geography & Geographic Information Science
Nikolas Eric Merten, Earth, Society, & Environmental Sustainability
Claire M. Williams, Geology

Phi Beta Kappa
Bridget Rose Ketter, Atmospheric Sciences
The lists are organized by degree. Because of production deadlines, lists may be incomplete.

BACHELOR OF ARTS/BACHELOR OF SCIENCE CANDIDATES

ATMOSPHERIC SCIENCES

Nathan Alvarez
Timothy Scott Calamari
Ian Christian Cornejo
Antonio M. Elizondo
Megan C. Geyer
Rylan J. Housenga
Scott Gregory James
Justin Phillip Jones
Bridget Rose Ketter
Jasmine Lara
Marley Elizabeth Majetic
Audrey Leigh Moore
Johnathan Murphy
Anna Rene Olsen
Alyssa A. Pappas
Da Wei Qiu
Michael Thomas Ragauskis
Britta S. Sindelar
Tyler Robert Solomon
Yang Yu

EARTH, SOCIETY, & ENVIRONMENTAL SUSTAINABILITY

Lindsay M. Albright
Abigail A. Baker
Madeline E. Barone
Sarah Berger
Kathryn R. Bowman
Emily A. Carroll
Xiaoyang Chen
McKenzie Colyer
Matthew J. Gaither
Andrew Timothy Garrett
Ellie Ann Green
Donald W. Hamlin
Brandon Matthias Hausser
Gwendolyn Chloe Heidkamp

Taylor Christine Holin
Autumn T. Holmes
Shelby Cheyenne Job
Gabrielle Alexandra Jones
Bridget Rose Ketter
Christina F. Kwiat
Seong Hyun Lee
Zachary W. Limon
Ruben Lopez
David Meraz
Nikolas Eric Merten
Hannah Million
Paris Monaghan
Cristian Andres Nunez
John Joseph Palmer
Todd A. Peterson
Nicole Marie Pinsky
Hannah R. Rachlis
Melissa J. Rodriguez
Leah O. Rogers
Sydney Simone Catherine Spencer
Mitchell Storter
Edward Thai
Joseph A. Theodore
Logan B. Tipsword
GRADUATES AND CANDIDATES

GEOGRAPHY & GEOGRAPHIC INFORMATION SCIENCE

Tony L. Tran
Sebastian Alexander Valdes
Brooke Wilson
Brooke Leigh Witkins
Adeniyi Kolade Adeleye
Romeo Angelo Basa-Denis
Andrea B. Bautista
Tyler J. Blackwell
Samuel Robert Caputo
McKenzie S. Colyer
Eric Mark Czarnota
Jarod Brent Fox
Naina Gupta
Anthony Edward Haloulos
Deja Dominique Jackson
Justin Phillip Jones
Artyom Knurenko
Paul Lastra
Yuchieh Lou
Timothy McCabe Manning
Hannah Million
Julyssa B. Morales
Samantha Barrie Myers Miller
Nihar Ratnakar Nanavaty
Samah Nuha Quadri
Michael M. Rogalski
Leah O. Rogers
Andres Ruiz
Anthony D. Scarborough
Collin Richard Schuricht
James A. Sensenbrenner
Nicholas Craig Shapland
Brandon Michael Smith
William Roland Webb
Russell Miles Wilson
Yanbing Yi
Yuchen Zou

GEOLOGY

Ella M. Fried
Katie M. Mandera
Edward Charles Newman-Johnson
Nicole L. Nussel
McKailey Mary Sabaj
Nicole Faye Tank
Claire M. Williams
Jake I. Bean
Jack Dylan Brown
Christopher E. Campe
Miguel A. Castillo
Jesse James Chavez
Ty D. Chong
Cameron Michael Desilva
<table>
<thead>
<tr>
<th>MASTER OF ARTS/MASTER OF SCIENCE CANDIDATES</th>
<th>GRADUATES AND CANDIDATES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ATMOSPHERIC SCIENCES</strong></td>
<td></td>
</tr>
<tr>
<td>Carolina A. Bieri, “Impacts of Large-Scale Soil Moisture Anomalies on Regional Hydroclimate in Southeastern South America”</td>
<td>Cameron Jordan Miller, “Radar Observations of Misovortices within Multiple Long-Lake-Axis-Parallel Lake-Effect Bands During the Owles Project”</td>
</tr>
<tr>
<td>Shaowen Amy Chen, “Environments Associated with Giant Hail-Producing Thunderstorms in Northern Argentina”</td>
<td>Michael F. Sessa, “The Observed Relationship between Tornado Intensity and Pretornadic Mesocyclone Characteristics”</td>
</tr>
<tr>
<td></td>
<td>Adam C. Springer, “Investigation of the Structure of Natural Orographic Clouds Embedded within Atmospheric River Type Flow over the Payette Mountains in Idaho”</td>
</tr>
<tr>
<td></td>
<td>Sarah Szymborski, (Non-Thesis), “Prediction Skill of Rapid Arctic Sea Ice Loss in the ECMWF Reforecasts”</td>
</tr>
<tr>
<td></td>
<td>Troy J. Zaremba, “Cloud Top Phase Characterization of Cold Sector Southern Ocean Clouds and Primary Ice Production at Warm Cloud Top Temperatures: Results from the SOCRATES Field Campaign”</td>
</tr>
<tr>
<td><strong>GEOGRAPHY</strong></td>
<td></td>
</tr>
<tr>
<td>Alexander Fojtik, “Short-Term Response of a Mountain Stream to a Sediment Pulse and Major Flood”</td>
<td></td>
</tr>
<tr>
<td>Lirong Kou, “Listening to Urban Sound: Understanding Human Mobility, Sound Exposure, and Well-Being”</td>
<td></td>
</tr>
<tr>
<td>Evan Lindroth, “Objectively Identifying Spatial Variability in Bankfull Stage”</td>
<td></td>
</tr>
<tr>
<td>Dong Liu, “Measuring Spatial Mismatch and Job Access Inequity Based on Transit-Based Job Accessibility for Poor Job Seekers”</td>
<td></td>
</tr>
</tbody>
</table>
GRADUATES AND CANDIDATES

Erica Massey, “Addressing Emergency Preparedness Inequality at an Individual Scale: A Case Study of Hurricane Harvey”

Sadia Sabrina, “High-Resolution Spatial And Temporal Evolution Of Two-Dimensional Flow Structure In Confluence Shear Layers”

Professional Science Master’s (Non-thesis)

Busranur Cakal
Tianshun Deng
Zizhao Ge
Wenhao Gu
Aaron King
Hyun Seok Moon
Malik Moulton
Yang Qiu
Nurmakhzan Ziyadin

DOCTOR OF PHILOSOPHY

ATMOSPHERIC SCIENCES


Benjamin Aaron Vega-Westhoff, “Application of the Hector-BRICK Reduced Complexity Earth System Model for Probabilistic Climate Projection”

GEOGRAPHY

Yaping Cai, “Data-intensive Crop Knowledge Discovery in the Era of CyberGIS and Machine Intelligence”

Zhuo Chen, “Airport Surrounding Area Development in China”


Luis Alfonso Escobedo Paredes, “Three Papers in Economic Geography”


Donald Planey, “Growth, Prosperity, and Inequality After the Great Recession: A Regionalist Cultural Political Economy of Chicagoland”

Li Xu, “Advanced Space-Time Integration for Knowledge Discovery in Human Mobility Studies”

Zewei Xu, “CyberGIS-Enabled Remote Sensing Data Analytics for Deep Learning of Landscape Patterns and Dynamics”

Dandong Yin, “CyberGIS-enabled Reproducible Agent-based Modeling for Scalable Emergency Evacuation”

GEOLOGY

Haley E. Cabaniss, “Volcanic Deformation as an Indicator of Mechanical Stability and Eruption Susceptibility”

Michael Sanderson DeLucia, “Insight from Thermochronology, Magnetotellurics, and Structural Analysis into the Tectonic Evolution of the Ozark Dome-Illinois Basin Region, Midcontinent USA”

Nicole Kathleen Murray, “Holocene Guano Influences on Eutrophication and Lacustrine Ecology at Kettle Lake, North Dakota”


Donald Planey, “Growth, Prosperity, and Inequality After the Great Recession: A Regionalist Cultural Political Economy of Chicagoland”

Li Xu, “Advanced Space-Time Integration for Knowledge Discovery in Human Mobility Studies”

Zewei Xu, “CyberGIS-Enabled Remote Sensing Data Analytics for Deep Learning of Landscape Patterns and Dynamics”

Dandong Yin, “CyberGIS-enabled Reproducible Agent-based Modeling for Scalable Emergency Evacuation”

Haley E. Cabaniss, “Volcanic Deformation as an Indicator of Mechanical Stability and Eruption Susceptibility”

Michael Sanderson DeLucia, “Insight from Thermochronology, Magnetotellurics, and Structural Analysis into the Tectonic Evolution of the Ozark Dome-Illinois Basin Region, Midcontinent USA”

Nicole Kathleen Murray, “Holocene Guano Influences on Eutrophication and Lacustrine Ecology at Kettle Lake, North Dakota”
GRADUATES AND CANDIDATES

Nicole Marie Fernandez-Franzan, “Stable Isotope and Trace Element Fractionation and Implications for Chemical Weathering Rates”

Yuchen Liu, “Linking Soil Respiration to Hydrologic Conditions and Climate Change”

Naomi Wasserman, “Exploring Te, Sb, and Se Stable Isotopes as Indicators of Elemental Mobility”

Yi Yang, “New Insights into the Differential Rotation of the Inner Core”

Yan Zhan, “Modeling Volcanic Unrest by Data Assimilation”
SPECIAL THANK YOU

CONVOCATION COORDINATOR
Lana Holben, Geology and School of Earth, Society, & Environmental Sustainability

CONVOCATION ASSISTANTS
Matt Cohn, Geography & Geographic Information Science
Miranda Czerwonka, Geography & Geographic Information Science
Joe Jeffries, Atmospheric Sciences
Chandre Johnson, Geology and School of Earth, Society, & Environment
Tammy Warf, Atmospheric Sciences

Degree Information

This program contains an unofficial list of candidates for graduation in May and August 2020 and a list of graduates who received degrees in and December 2019. The list of May candidates is as accurate as possible; however, because of printing deadlines, names of some degree recipients may not appear, while names of degree candidates who have not completed degree requirements may be included.

The University’s official registry for conferral of degrees is the Office of the Registrar, 901 W. Illinois St., Urbana, IL 61801.