



Fall 2018 Convocation

December 11, 2018
Galvin Playhouse

Message from the Dean

Welcome to Arizona State University and the nation's first and most highly regarded School of Sustainability – leading the way to a sustainable future since its inception in 2006. I am proud to join you on this momentous occasion.

Convocation is a ceremony quite literally robed in medieval traditions, and the garments worn today signal to the world that these individuals have achieved the honor of becoming graduates.

We are gathered to celebrate their achievements – the product of much careful thinking and problem solving, personal growth and hard work.

Our students and graduates are addressing some of the most critical challenges of our time, and the knowledge and solutions they create today will shape the quality of life for future generations – including their own. They are thinking in new ways about natural and social environments, about equity within societies and between generations, about the differing norms and aspirations of people, and about what is realistically achievable in a world undergoing rapid change.

The candidates we honor join their predecessors in a long and ever-growing line of distinguished sustainability graduates. They will be welcomed by an expansive network of people committed to putting sustainability into action – together, they will change the world for the better.

I look forward to seeing where our graduates go next and know it will be an exciting and fulfilling journey.



To the graduates, please accept my warmest wishes and deepest congratulations on this very special day. Remember to thank everyone who helped you achieve this dream. Most of all, be proud of yourself for reaching this remarkable milestone.

A handwritten signature in black ink that reads "Chris Boone". The signature is written in a cursive, flowing style.

Christopher Boone
Dean of the School of Sustainability

About the School of Sustainability

The School of Sustainability educates a new generation of scholars and practitioners. It creates innovative modes of scholarship by bringing together leaders and stakeholders from multiple disciplines to develop effective solutions to the most pressing sustainability challenges.

The School offers both undergraduate and graduate programs leading to degrees in sustainability. Students can earn a Bachelor of Arts, Bachelor of Science, Doctor of Philosophy, Master of Arts, Master of Science, Master of Sustainability Solutions, Master of Sustainability Leadership, or an Executive Master of Sustainability Leadership. We focus on collaborative learning, innovative approaches, and problem-oriented training to address sustainability challenges relating to energy and materials, water, ecosystems, urbanization, international development, social transformations, climate change and food systems. For more information, visit schoolofsustainability.asu.edu.

The School is part of the Julie Ann Wrigley Global Institute of Sustainability, which is the hub of ASU's sustainability initiatives. The Institute advances research, education and business practices for an urbanizing world. For more information, visit sustainability.asu.edu.



Order of Events

PROCESSIONAL

Master of Ceremonies

Jeffrey Jennings, MSTP

*Sustainability Project Coordinator, Arizona Public Service (APS)
President, School of Sustainability Alumni Chapter*

Welcome

Christopher G. Boone, PhD

*Dean and Professor, School of Sustainability
Professor, School of Human Evolution and Social Change
Senior Sustainability Scientist, Julie Ann Wrigley Global Institute
of Sustainability*

Honored Guests

School of Sustainability Faculty

Student Speakers

Graduate, Ariel LeBarron

Undergraduate, Alfonso Teramoto Lemus

Introduction of Doctoral and Master's Degree Candidates

Reader, Hanna Breetz, PhD

*Assistant Professor, School of Sustainability
Senior Sustainability Scientist, Julie Ann Wrigley Global Institute
of Sustainability*

Introduction of Bachelor's Degree Candidates

Reader, Candice Carr Kelman, PhD

*Senior Sustainability Scholar, Julie Ann Wrigley Global Institute
of Sustainability*

*Assistant Director, School of Sustainability
Affiliate Faculty, Center for Biodiversity Outcomes*

Video Montage

Closing Remarks

Jeffrey Jennings, MSTP

RECESSIONAL

Sign language interpreters provided by Arizona Interpreting Service, Inc.

Convocation photography by Grad Images

View commencement videos, order convocation photos and connect with fellow alumni at http://links.asu.edu/SOS_Alumni

Candidates for Doctoral Degrees

Yeowon Kim, PhD

Safe-to-fail Infrastructure for Resilient Cities and Climate Change Adaptation

Candidates for Master's Degrees

Master of Sustainability Leadership

David Alden

Capstone: Better Understanding for Better Engagement

Annalise Dum

Capstone: How to Create a Sustainability and Social Responsibility Plan

Katarzyna Ignatowicz

Capstone: Serving up Sustainability – Plan of Action

Ferdane Mercanli

Capstone: Sustainable Initiatives Around Food Availability in Low-Income Areas of South Tucson

Patrick Nganga

Capstone: Biochar Briquettes: Alternative to Firewood and Charcoal Fire

Lori Robbins

Capstone: Creating a Shared Vehicle Use Program

Jorge Salinas

Capstone: The Sustainability Fair; Building a Grassroots Movement Around Community

Kristen Scott

Capstone: Transitioning to Mandatory Recycling in the Workplace

Charles Tapsell

Capstone: Building the Paradigm Shift: How to Approach Sustainability Consulting Through Education

Joshua Weaver

Capstone: BikeMesa-Change Your Community

Master of Arts in Sustainability

Alfonso Lopez-Morales

Scientific Paper: Sustainability Narratives and Their Application within a Multi-Cultural Reality from the Perspective of Academia

Master of Science in Sustainability

Tatjana Allers

Scientific Paper: Influence of Soil Copper Concentration on the Root System Architecture of Two Metallophyte Species Threatened by Mining Activities in Katanga, DR Congo

Anna Falkenstein

Scientific Paper: The Knowledge-Action Gap Related to Meat Consumption in Sustainability Scientists and its Relevance for Societal Transformation

Tara Freude

Scientific Paper: Sifting Through the Glamorization of the Tiny House Movement – Perceptions Among Affordable Housing Stakeholders in Lüneburg, Germany

Rebecca Gerigk

Scientific Paper: Of “Vampires,” “Sweet Promises,” and Contested Developments: Frame-analysis of Development Projects in the Omo Valley, Ethiopia

Ariel LeBarron

Scientific Paper: Sustainable Consumption, Self-Control, and Mindfulness: Two Systematic Literature Reviews

Markus Lilje

Scientific Paper: Doughnut Hedonism: Can We Use the Double Dividend of Alternative Hedonism to Get Us into the ‘Safe and Just Space’ of the Doughnut Model?

David Morrison

Scientific Paper: Social Media, Micromobilization, and Facebook’s Role in Responding to Climate Change

Candidates for Master's Degrees continued

Leo Reutter

Scientific Paper: Moving Sustainability Forward: A Game-Based Approach for Building Confidence in Municipal Administration

John Tattersall

Scientific Paper: Demand Management vs. Supply Augmentation: Sustainable Water Management in Cape Town

Hannah Trigg

Scientific Paper: Rethinking Local Food Initiatives: A Qualitative Exploration of Sustainability Values, Collective Action and Political Perspectives

Master of Sustainability Solutions

Anna Pawlenty

Applied Project: The Sustainability and Happiness Connection: How a Natural Built Structure Can Increase Happiness and Strengthen Community

Garr Punnett

Applied Project: A PET Circular Economy for the City of Phoenix

Bachelor of Arts

INTERNATIONAL DEVELOPMENT AND SUSTAINABILITY

Leslie Abrego

Ronald Bayes, *Summa Cum Laude*

Morgan Burgess, *Summa Cum Laude*

Catriana Garcia

Whitney Herrmann

Hayley Miller, *Summa Cum Laude*

POLICY AND GOVERNANCE IN SUSTAINABLE SYSTEMS

Collin Mieras, *Summa Cum Laude*

Alfonso Teramoto Lemus

Caitlyn Yates, *Cum Laude*

SOCIETY AND SUSTAINABILITY

Amanda Coats

Erin McCord

Shayna Ortega, *Magna Cum Laude*

Claire Ostermeier, *Summa Cum Laude*

SUSTAINABLE URBAN DYNAMICS

Alexandra Carrillo, *Magna Cum Laude*

Daphne Garcia

Kiana Mays, *Magna Cum Laude*

Sean McElroy, *Summa Cum Laude*

Taylor Turnbull

Bachelor of Science

ECONOMICS OF SUSTAINABILITY

Joseph Dean

Kristen Hinshaw, *Magna Cum Laude*

Andrew Holdaway

Kyle Hoopes, *Cum Laude*

Michael Socha, *Summa Cum Laude*

Kaela Swanson, *Magna Cum Laude*

Ronald Turner, *Summa Cum Laude*

SUSTAINABLE ECOSYSTEMS

Brian Clemence

Grayson Hammon, *Cum Laude*

Kelsey McCauley

SUSTAINABLE ENERGY, MATERIALS, AND TECHNOLOGY

Junkee Ahn, *Magna Cum Laude*

Matthew Burmeister, *Summa Cum Laude*

Patrick Cassup

Kelsey Greene, *Cum Laude*

Minja Maksimovic, *Summa Cum Laude*

Meghann Papsdorf, *Magna Cum Laude*

Trevor Pittman

Xitlaly Rivera Martinez

Spencer Smith

Jeremy Wilson, *Summa Cum Laude*

Students whose name appear in this program are candidates for the degrees listed, which will be conferred subject to completion of requirements.

Academic Recognition

A baccalaureate degree candidate must have completed at least 56 semester hours of resident credit at Arizona State University to qualify for graduation with academic recognition. For purposes of this ceremony, grade point averages from the end of last semester were used. Final designations will be noted on the student's diploma and transcript.

Summa Cum Laude

designates those candidates with a cumulative grade point average of 3.80 – 4.00

Magna Cum Laude

designates those candidates with a cumulative grade point average of 3.60 – 3.79

Cum Laude

designates those candidates with a cumulative grade point average of 3.40 – 3.59



The School of Sustainability Gonfalon

This banner of ASU maroon and gold features fields of scarab green, the shade established by Arizona State University as the academic color for the new discipline of sustainability. The symbol adorning the School of Sustainability's gonfalon is a city skyline surrounded by a vine growing in an unbroken circle. The skyline denotes economic growth and social justice, while the twining vine signifies the natural environment and its relationship to all things.

School of Sustainability Undergraduate Academy

The academy program fosters academic success, leadership skills, community engagement, and persistence to graduate and reach goals beyond graduation. Graduates of the academy have maintained a high GPA, participated in community services, engaged on campus, demonstrated leadership experience and actively participated in the academy for at least two semesters. Graduating academy members can be identified by an academy pin, the mark of their achievement.



School of
Sustainability
Academy

Honor Society for Sustainability Stoles

In 2012, Arizona State University established the nation's first Honor Society for Sustainability, a network of sustainability scholars who have demonstrated academic excellence and are committed to solving global challenges of sustainability. Students who applied and have met the academic requirements established by the chapter can be identified by their scarab green stoles, the mark of their achievement.



Arizona State University Caps and Gowns

Arizona State University has partnered with Herff Jones to reduce waste and greenhouse gas emissions. ASU's graduation caps and gowns are made from 100% recycled materials. Each time one of these gowns is manufactured, 29 plastic bottles are saved from the landfill. Unifi, who makes the fabric, called Repreve[®], donates a portion of sales to worthy environmental causes. ASU's Sun Devil Campus Stores provide graduation gown collection bins during December for fall and May for spring commencement. Students can drop off their used gowns at any one of ASU's Sun Devil Campus Stores' collection bins. The gowns will be sent to the manufacturer to be recycled back into Repreve[®] fibers which will be used to produce new caps and gowns for future graduates. The School of Sustainability also collects donated gowns for reuse in future ceremonies.

