



# Spring 2020 Convocation

May 12, 2020

## 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, Master of Arts, Master of Science, Master of Sustainability Solutions, Master of Sustainability Leadership, Executive Master of Sustainability Leadership, or a Doctor of Philosophy. 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](https://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](https://sustainability.asu.edu).



## Order of Events

### **Congratulations**

Michael Crow, University President

### **Opening Remarks**

Christopher G. Boone, Dean

### **Faculty Remarks**

School of Sustainability Faculty

### **Outstanding Graduates**

*Graduate, Brian Boyle, MSUS*

*Undergraduate, Danielle Vermeer, BS*

### **A Year in Review**

School of Sustainability Photo Montage



## Spring and Summer 2020

### Candidates for Doctoral Degrees

#### Doctor of Philosophy

Tamsin Foucher

*Dissertation: Training Future Entrepreneurs – Developing and Assessing Sustainability Competencies in Entrepreneurship Education*

Neda Movahed

*Dissertation: How We Wear Water: Creative Learning for Sustainability*

Bingbing Zhou

*Dissertation: Scientific Foundations and Problem-driven Case Studies of Landscape Sustainability: Sustainability of Human-environment Systems Through the Lens of the Landscape*

### Candidates for Master's Degrees

#### Executive Master of Sustainability Leadership

Abby Borders

*Culminating Experience: Aloha GreenER*

Jill Burris

*Culminating Experience: Will Work*

Sterling Colton

*Culminating Experience: Plastics, Parishioners, and Purchasing: A Call to Sustainably Source and Dispose of Plastic Cups Used in Church Services*

Elizabeth Cruz

*Culminating Experience: St. Procopius - Sustainability Education*

Allison DeGeorge

*Culminating Experience: Advancing Greenhouse Gas Tracking and Transparency at a Global Organization*

Robin Dumas

*Culminating Experience: Sustainability as a Platform - Campaigns for Resilient Communities*

Aaron Hansen

*Culminating Experience: Sustainability in the Built Environment*

**Executive Master of Sustainability Leadership (continued)**

Jessica Lerner

*Culminating Experience: Okaloosa County's Quest to Save Recycling*

LaCheris Luster

*Culminating Experience: With Seniors in Mind: A Sustainable Approach to Senior Living & the Ageing Population*

Megan Nestor

*Culminating Experience: The Circular Economy & Candles*

Elissa Rosen

*Culminating Experience: Sustainability in Fashion: Youth Education For Conscious Consumption*

**Master of Arts in Sustainability**

Jennifer Brown

*Culminating Experience: Conversations with the Circular Consumer*

Julia Colbert

*Culminating Experience: Exploring Sustainability Literacy Through Nature Journaling in School Gardens*

Edward Dee

Andrew Hudson

*Culminating Experience: Our Shared Storm: Exploring Five Cli-fi Scenarios of Climate Politics Futures*

Phillip Moore

*Culminating Experience: Investing in Farmland or Farmers?*

**Master of Science in Sustainability**

Adam Andresen

*Culminating Experience: Understanding the Household Impacts of Power Outages: A Case Study Comparison across U.S. Cities*

Emily Curtis

*Culminating Experience: Development at the Indigenous-West Boundary: The Case of Lyarina and the Waorani of Pastaza*

Andrew John De Los Santos

*Culminating Experience: Addressing the Limitations of Life Cycle Assessments for Circular Economy Packaging Innovations with the Kaiteki Innovation Framework*

**Master of Science in Sustainability (continued)**

Eric LoPrete

*Culminating Experience: Perceived Barriers and Benefits to Using Recycling Drop-Off Points in Asunción, Paraguay*

Dane Whittaker

*Culminating Experience: Collective Action at the Shoreline: A Comparison of Lake Management Organizations in Vilas County, Wisconsin, USA*

**Master of Sustainability Solutions**

Maryam Abdul Rashid

*Culminating Experience: Sun Devils Together: Breaking Stigmas on Student Homelessness*

Guadalupe Beal Velderrain

*Culminating Experience: Parks Vision 2030: Exceptional Visitor Experiences for Trail Systems at Maricopa County Regional Parks*

Brian Boyle

*Culminating Experience: USA Triathlon: A Race Toward Sustainability*

Charles Darr

*Culminating Experience: A Case for Co-Ops*

Skyliana Dosier

*Culminating Experience: Sun Devils Together: Breaking Stigmas on Student Homelessness*

Abigail Johnson

*Culminating Experience: Oui Nous Pouvons: Subverting the Single Story of Sustainable Development*

Braedon Kantola

*Culminating Experience: Pest Management Booklets for Farmers in Kaffrine, Senegal*

Hanna Layton

*Culminating Experience: A Guide to (an) Epic-Cure*

Meghan Marrin

*Culminating Experience: A Pathway Sustainable Festivals and Events*

**Master of Sustainability Solutions (continued)**

Nicholas Napoda

*Culminating Experience: From Visit to Action: The Phoenix Zoo*

Paige Price

*Culminating Experience: Best Practice Coffee Guide for Gumantar, Indonesia*

Omar Sanchez Marquez

*Culminating Experience: Sun Devils Together: Breaking Stigmas on Student Homelessness*

Christina Schmitt

*Culminating Experience: Paving the Road for Community Support in a Garden-Based Learning Program*

Nicholas Shivka

*Culminating Experience: Incubation of a Sustainable Beverage Business*

Ahmad Siyar Qasemi

*Culminating Experience: A Website for Sustainable Water Governance Facilitation in Kabul, Afghanistan*

Elizabeth Van Horn

*Culminating Experience: A Sustainability Analysis of Workforce Housing Solutions*

**Master of Sustainability Leadership**

Bryan Armbrust

*Culminating Experience: Externalities: Revealing Hidden Natural Costs through Legislation on Product Labeling*

Joseph Aubert

*Culminating Experience: Green Artist Information Network*

Nicole Brose

*Culminating Experience: Nashville Corporate Sustainability Roundtables*

Theresa Cardenas

*Culminating Experience: WaterWorks4All*



**Master of Sustainability Leadership (continued)**

**Kate Cheney**

*Culminating Experience: Podcasting to Empower People for Sustainability*

**Jill Christensen**

*Culminating Experience: Carbon Reduction Transportation Initiative*

**Emily Dawson**

*Culminating Experience: Solar Shade Structure Program*

**Gina Fahnestock**

*Culminating Experience: Impossible Meat Tacos to Encourage a Plant-based Diet*

**James Florez**

*Culminating Experience: Recycled Plastic - Reclaimed AC*

**Laura Friedman**

*Culminating Experience: Kairos Funding: Disrupting the Sustainability Funding Landscape*

**David Ginn**

*Culminating Experience: Greener Golf: Promoting a More Sustainable Game*

**Valene Hatathlie**

*Culminating Experience: Solid Waste Transfer Station in Cameron, Arizona*

**Kathryn Hukill**

*Culminating Experience: Charter for Change: Stryker's Journey Toward Sustainability*

**Madelyn Koch**

*Culminating Experience: Reducing Negative Impacts of Local Landfill by Utilizing Food Waste Diversion Strategies - Slate Belt, PA*

**Kirsten Kraklio**

*Culminating Experience: How The College of Liberal Arts and Sciences Created a Clothing Swap for Students, Staff and Faculty*

**Jacquelyn Lolos**

*Culminating Experience: Reducing Cigarette Butt Litter at the Virginia Beach Oceanfront*

**Master of Sustainability Leadership (continued)**

**Sydney Lund**

*Culminating Experience: Sustainability for Young Learners Courses*

**Emma Massick**

*Culminating Experience: Our Greener Home Energy Toolkit*

**Tyler Merriweather**

*Culminating Experience: Reducing/Certifying the Use of Palm Oil in the Supply Chain of Costco Wholesale*

**Addison Morgan**

*Culminating Experience: GreenSTEPS Revitalization*

**Caroline Murray**

*Culminating Experience: Reducing Single-Use Plastic Waste: The College of Saint Rose*

**Tanya Rincon**

*Culminating Experience: Step-By-Step Strategic Consulting*

**Erin Ross**

*Culminating Experience: Mitigating Landfilled Plastics in California's Central Valley*

**Kelly Saunders**

*Culminating Experience: Walton Online Sustainability Academy*

**Katherine Schumacher**

*Culminating Experience: Leveraging Knowledge for Zero Waste @ ASU*

**Sandra Shamblin**

*Culminating Experience: On-Site Renewable Energy Storage at San Diego Gas & Electric*

**Maranda Spires**

*Culminating Experience: The Waste Reduction Job Aid: Starbucks Coffee Company*

**Kristen Weston-Smith**

*Culminating Experience: Automobile Idling Reduction Program*

Bachelor of Arts

**INTERNATIONAL DEVELOPMENT AND SUSTAINABILITY**

Anna Bartholomew, *Magna Cum Laude*

Kathryn Blaha

James Chabin, *Summa Cum Laude*

Allyson Disera, *Cum Laude*

Isabella Fanelli, *Magna Cum Laude*

John Glynn, *Cum Laude*

James Labelle

Alexus Newson

Haley Rivard-Lentz, *Summa Cum Laude*

Kariah Slagel, *Magna Cum Laude*

**POLICY AND GOVERNANCE IN SUSTAINABLE SYSTEMS**

Nicholas Johnson, *Summa Cum Laude*

Mikayla Martin, *Cum Laude*

Kailey Mullis

Vanessa Villalobos, *Cum Laude*

Jake Wilson, *Cum Laude*

**SOCIETY AND SUSTAINABILITY**

Jacqueline Blisse

Richard Dodge, *Magna Cum Laude*

Heather Erceg, *Summa Cum Laude*

Lauren Geske

Rachael Granger, *Magna Cum Laude*

Daniela Kenny, *Summa Cum Laude*

Ann King-Concialdi, *Summa Cum Laude*

Jade Lantz, *Summa Cum Laude*

Jaclyn McCormick-Arigi, *Summa Cum Laude*

Madeline Mercer, *Summa Cum Laude*

Minh-Tam Nguyen, *Summa Cum Laude*

Kayla Orrick, *Magna Cum Laude*

Monica Pierson, *Magna Cum Laude*

Natalie Schatton

Jacqueline Shea, *Summa Cum Laude*

Bayley Wells, *Cum Laude*

Mollie Wood, *Summa Cum Laude*

### **SUSTAINABLE URBAN DYNAMICS**

Harrison Ambrose, *Summa Cum Laude*

Kelli Christopherson, *Magna Cum Laude*

Anthony Decoster, *Summa Cum Laude*

Analivia Delaney, *Summa Cum Laude*

Valentina Fehr

Casey Gibson, *Cum Laude*

Jacob Hart, *Magna Cum Laude*

Eduardo Portillo

### **Bachelor of Science**

### **ECONOMICS OF SUSTAINABILITY**

Dearing English, *Cum Laude*

Stephanie Georgiou, *Cum Laude*

George Grieve

Robert Kiehl, *Cum Laude*

Alexandria Olson, *Magna Cum Laude*

Susana Puga, *Summa Cum Laude*

Danielle Vermeer, *Summa Cum Laude*

### **SUSTAINABLE ECOSYSTEMS**

Paige Anglin, *Summa Cum Laude*

Sarah Barr, *Summa Cum Laude*

Sarah Bathe, *Summa Cum Laude*

Nicole Beckstrom, *Magna Cum Laude*

Alma Camdzic, *Cum Laude*

Hailey Campbell, *Summa Cum Laude*

Meriah Custer, *Summa Cum Laude*

Karina Dominguez Casas, *Summa Cum Laude*

Mayan Earheart, *Summa Cum Laude*

## Candidates for Bachelor's Degrees continued

Megan Ewy, *Summa Cum Laude*  
Adrianna Garrett, *Cum Laude*  
Brian Harrison  
Jordan Leiter, *Summa Cum Laude*  
Cassandra McVeigh  
Logan Miller, *Magna Cum Laude*  
Gerardo Mocerri, *Summa Cum Laude*  
Jorge Vela, *Cum Laude*  
Sarah Williams, *Summa Cum Laude*

## SUSTAINABLE ENERGY, MATERIALS AND TECHNOLOGY

Sarah Alghamdi  
Roxann Beauvais, *Summa Cum Laude*  
Tyler Bennett  
Jessica Bistras  
Nicole Cox, *Summa Cum Laude*  
Zachary Davis  
Ashlinn Denton, *Magna Cum Laude*  
Joseph Evans, *Summa Cum Laude*  
Adrian Gillig, *Summa Cum Laude*  
Kevin Goddard, *Summa Cum Laude*  
Sage Hanson, *Cum Laude*  
Robert Hartland  
Nathan Hayes  
Miranda Kincade, *Magna Cum Laude*  
Jarod Kline, *Cum Laude*  
Nicholas Leto  
Tessa Martinez, *Cum Laude*  
Allie Mcgranaghan, *Magna Cum Laude*  
Dawson Morford, *Summa Cum Laude*  
Samantha Selway, *Summa Cum Laude*

*Students whose names 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

ASU 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<sup>®</sup>, 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<sup>®</sup> 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.

