



# Fall 2019 Convocation

December 17, 2019  
Student Pavilion

## 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, Bachelor of Science in Sustainable Food Systems, 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](http://schoolofsustainability.asu.edu).

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



## Order of Events

### PROCESSIONAL

#### Master of Ceremonies

Russell Goldstein CFP®, CAP®

*President, Alumni Board, School of Sustainability  
Senior Vice President, Bank of America Private Bank*

#### 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, Mukunth Natarajan, PhD

Undergraduate, Victoria Erran, BA

#### Introduction of Doctoral and Master's Degree Candidates

Reader, Joshua Abbott, PhD

*Associate Professor, School of Sustainability*

#### Introduction of Bachelor's Degree Candidates

Reader, Candice Carr Kelman

*Assistant Clinical Professor, School of Sustainability*

### RECESSIONAL

*Convocation photography by Grad Images*

*View commencement videos, order convocation photos and connect with  
fellow alumni at [http://links.asu.edu/SOS\\_Alumni](http://links.asu.edu/SOS_Alumni)*

**Doctor of Philosophy**

**Angela Cazal-Jahn, PhD**

*Crossing a Zone of Mutual Oblivion: Sustainability and Childrearing in the Anthropocene*

**Yuliya Dzyuban, PhD**

*Relationship Between Design and Thermal Comfort in Hot and Dry Climate*

**Beth Ann Falstad, PhD**

*Creating the World We Want to Live in: Reconnecting for a Sustainable Future*

**Leah Gibbons, PhD**

*Shifting the Sustainability Paradigm: Co-creating Thriving Living Systems Through Regenerative Development*

**Melissa Guardaro, PhD**

*Exploring the Relationship Between Social Capital and Vulnerability*

**Mukunth Natarajan, PhD**

*Food, a Global Product: An Enhanced FEW Nexus Approach*

**Master of Arts in Sustainability**

Jessica Ortiz

*Social Contracts, Resilience, and Adaptive Capacity: A Case Study of Post-Hurricane Maria Puerto Rico*

**Master of Sustainability Leadership**

Dante Archangeli

*Campus Farm Green: A Paradigm for Regeneratively Sustainable Communities*

Kristen Chambers

*The Swap: An Experience to Benefit the Planet*

Victoria Charles

*Climate Action Leadership Program (CALP)*

Mario Columbia

*Leadership Energy Awareness Program (LEAP)*

Jonathan Hall

*Increasing Individual Participation In Recycling*

Erin Hampton

*New Moon Sustainability Educators*

Shelleyan Lewars

*The EcoLzr Initiative: Advancing Social Sustainability To Meet The Needs Of Human Well-being*

Alexander Nguyen

*The Sustainability Foundation Program*

Patrick O'Brien

*A Healthier Future: Replacing Plastics in Healthcare*

Helen Peplowski

*City of Winston-Salem Sustainability Plan*

**Master of Sustainability Leadership continued**

Lydia Rathbun

*Combating Bullying and Childhood Obesity with a School Garden*

Kelly Wilcox

*Bridging the Sustainability Gap with Employees in the Apparel and Footwear Industry: A Pilot at Reebok*

Laurie Winter

*City of Encinitas Energy Efficiency Program*

**Master of Sustainability Solutions**

Matthew Burmeister

*Sustainable Sound: Festival Guide*

Heidi Hanlon

*Increasing Healthy Communities in Phoenix*

Kiana Mays

*Defining Food with Purpose: A Business Transition Plan for The Bodhi*

**Bachelor of Arts**

**INTERNATIONAL DEVELOPMENT AND SUSTAINABILITY**

Kelly Baker, *Magna Cum Laude*

Kanza El Hamel

Maya Ginnelly, *Cum Laude*

Zinnia Nomura, *Summa Cum Laude*

Jessica Travis, *Cum Laude*

**POLICY AND GOVERNANCE IN SUSTAINABLE SYSTEMS**

Jessica Bristow, *Summa Cum Laude*

Victoria Erran, *Summa Cum Laude*

Taylor Wild, *Summa Cum Laude*

Caitlyn Yates, *Cum Laude*

**SOCIETY AND SUSTAINABILITY**

Madison Bennett

Trenton Chapman, *Magna Cum Laude*

Humberto Niebla Rios, *Magna Cum Laude*

Steven Owens

Madison Prester, *Cum Laude*

Christina Schmitt, *Magna Cum Laude*

Aislinn Volk, *Summa Cum Laude*

Emily Zumtobel, *Magna Cum Laude*

**SUSTAINABLE URBAN DYNAMICS**

Yohana Avina

Ryan Klenner

Charissa Leonard, *Summa Cum Laude*

Sarah Ozelieri



**Bachelor of Science**

**ECONOMICS OF SUSTAINABILITY**

Daniel Aprahamian, *Cum Laude*

Heejoo Min, *Cum Laude*

Megan Warner, *Summa Cum Laude*

**SUSTAINABLE ECOSYSTEMS**

Christa Burgess, *Summa Cum Laude*

Natasha Crossen, *Summa Cum Laude*

Jeny Davis, *Summa Cum Laude*

Colin Dueker, *Summa Cum Laude*

Melissa Fleeger, *Summa Cum Laude*

Mattie Friedman

Robert Heil

Karen Ibarra, *Cum Laude*

Hannah Lanoue-Carrizo, *Summa Cum Laude*

Kelley Madden, *Cum Laude*

Jorge Vela, *Cum Laude*

Asya Vo, *Magna Cum Laude*

**SUSTAINABLE ENERGY, MATERIALS, AND TECHNOLOGY**

Curtis Bone, *Summa Cum Laude*

Paris Irvin

Derek Pomeroy, *Cum Laude*

Scott Semken

*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<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.

