



Fall 2021 Convocation

December 15, 2021

Message from the Dean

Welcome to Arizona State University and to the university's newest college, the College of Global Futures. In bringing together three extraordinary schools—School of Complex Adaptive Systems, School for the Future of Innovation in Society, and School of Sustainability — the College of Global Futures works to create new knowledge, engage with diverse communities, and educate future leaders. We are joined with a common purpose of how to understand complex human and environmental systems, explore how to innovate responsibly, and develop strategies to improve well being for everyone, everywhere, now and for future generations.

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 graduates. They will be welcomed by an expansive network of alumni committed to putting education 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 College of Global Futures

About the College of Global Futures

We all share a stake in the future. The College of Global Futures is dedicated to creating a sustainable, equitable, and vibrant future for everyone.

The College of Global Futures prepares next-generation leaders with the knowledge, skills and mindsets they need to tackle complex global challenges. Home to the School for the Future of Innovation in Society, the School of Sustainability and the School of Complex Adaptive Systems, the college fosters new interactions between students, staff, faculty and partners that elevate our ability to understand complex, integrated social, environmental and technical systems, drive responsible innovation, and lead to ethical interventions that ensure a just, healthy and fulfilling future for everyone. Students learn how to develop enduring solutions that benefit all people everywhere on a thriving, healthy planet.



About the School for the Future of Innovation in Society

Scientific and technological advances are deeply intertwined with societal concerns. When we innovate, are we thinking critically about social and technical systems in a way that anticipates potential concerns so that we can be confident that what we are creating is both useful and good for our global future?

The School for the Future of Innovation in Society envisions responsible innovation at scale. Our students anticipate societal challenges and work across disciplines to examine areas such as global technology and development, biomedical and health ethics, public interest technology and policies for emerging technologies. We are grounded in the belief that by considering the ways in which we translate imagination into innovation, engaging the public and exploring the social impacts of technological and scientific advancements, we collectively build more just and equitable futures for all.

About the School of Sustainability

School of Sustainability students, diverse in their backgrounds and interests, work toward a common goal: leaving the world better than they found it. Students are drawn to this rapidly growing field because sustainability integrates social, economic and environmental dimensions to develop enduring and equitable solutions to global challenges.

Learning tracks within the school include energy and technology, international development, ecosystems management, urban dynamics, food systems, policy and governance, and sustainability leadership. Our curriculum is grounded in experiential learning and practical faculty-led research, equipping graduates of the School of Sustainability with the skills and tools to make positive impacts in a rapidly changing world.

About the School of Complex Adaptive Systems

Uncertainty, scalability, thresholds (tipping points), path dependence... these are among the most pressing issues facing societies across the globe. The School of Complex Adaptive Systems explores these challenges, develops solutions and suggests interventions that enhance the resilience and well-being of our planet and our shared global futures.

Our planet is the ultimate complex system with many intertwined subsystems that envelop natural, social and technological systems and transcend traditional disciplinary boundaries. This visionary school engages wide-ranging national and international collaborations to advance the exploration of these systems and disseminate fundamental transdisciplinary knowledge through a unique set of academic graduate offerings.



COLLEGE OF GLOBAL FUTURES CONVOCATION

PROCESSIONAL

LAND ACKNOWLEDGEMENT

MASTER OF CEREMONIES

C. Michael Barton, PhD

Director, Center for Social Dynamics & Complexity
Director, Network for Computational Modeling in Social &
Ecological Sciences
Associate Director, School of Complex Adaptive Systems

DEAN'S REMARKS

Christopher G. Boone, PhD
Dean, College of Global Futures

COLLEGE OF GLOBAL FUTURES CONVOCATION SPEAKERS

Melissa Smallwood, Master of Science and Technology Policy
Caitlyn Finnegan, Bachelor of Science Sustainability

MOST OUTSTANDING GRADUATES AND MOEUR AWARD

VETERAN STUDENT RECOGNITION

Order of Events

PRESENTATION OF GRADUATE CANDIDATES

Mary Jane C. Parmentier, PhD

Clinical Professor, Co-Associate Director of Academic Programs,
School for the Future of Innovation in Society

Michael Schoon, PhD

Associate Professor, Graduate Director, School of Sustainability

PRESENTATION OF UNDERGRADUATE CANDIDATES

Jameson Wetmore, PhD

Associate Professor, Co-Associate Director, Academic Programs,
School for the Future of Innovation in Society

Candice Carr Kelman, PhD

Assistant Clinical Professor, School of Sustainability

MESSAGE OF CONGRATULATIONS

Victoria Gilchrist,

Executive Masters Sustainability Leadership '19

ALMA MATER – ARIZONA STATE UNIVERSITY

Music and Words by Ernest Hopkins and Miles Dresskell

RECESSIONAL

Special thanks to Samuel Peña, Joseph Goglia and Israel Reyes
for performing our processional music.

**COLLEGE OF GLOBAL FUTURES
MOST OUTSTANDING GRADUATES**

COLLEGE OF GLOBAL FUTURES OUTSTANDING GRADUATE
Melissa Smallwood, Master of Science and Technology Policy

COLLEGE OF GLOBAL FUTURES OUTSTANDING
UNDERGRADUATE
Nikhil Dave, BS Innovation in Society

SCHOOL FOR THE FUTURE OF INNOVATION IN SOCIETY
Nikhil Dave, BS Innovation in Society
Melissa Smallwood, Master of Science and Technology Policy

SCHOOL OF COMPLEX ADAPTIVE SYSTEMS
Cameron (McCall) Langford, MS Biomimicry

SCHOOL OF SUSTAINABILITY
Caitlyn Finnegan, BS Sustainability
Wenjuan Liu, PhD Sustainability

MOEUR AWARD
Caitlyn Finnegan, BS Sustainability

Candidates for Doctoral Degrees

Doctor of Philosophy, Human and Social Dimensions of Science and Technology

Rajiv Ghimire

Sean McCafferty

Jason Robert O'Leary

Doctor of Philosophy, Sustainability

Muhammad Adnan Hanif

Wenjuan Liu

Doctor of Philosophy, Sustainability (Complex Adaptive Systems Science)

Jaishri Srinivasan

Candidates for Master's Degrees

Master of Science, Global Technology and Development

Destiny Angaleena Allen

Edjen Faye Capanas Duran

Frenard Ganda

Sue Ellen Lafond

Rovindra Lakenarine

Frank Manjaly

Roshan Mohan

Osamah Abdulla Ahmed Mohammed Naji

Mohammed Seid Reshad

Bjorn Williams

Candidates for Master's Degrees continued

Master of Science, Global Technology and Development (Applied International Development)

Lubna Saed Alsaka

DMitri Farthing

Atse Sekedes Christian Kouassi

Anthony Ifeanyichukwu Obieze

Josephine Samura-Podgoretsky

Matthew Victoriano

Master of Science, Public Interest Technology

Dina Elizabeth Carpenter-Graffy

Master of Science and Technology Policy

Jeremy J. Liu

Melissa Irene Smallwood

Master of Science, Biomimicry

Hector Aguirre

Rachel Frank

Heather Lynne Greene

Cameron McCall Langford

Joy M. Lapsertis

Kaaren McConaughy Lee

Shana Longo

Mariah Nichole Martinez

George Michael Mastorakos

Travis John Osland

Hanane Oubi

Candidates for Master's Degrees continued

Master of Science, Biomimicry (cont.)

Glen Andrew Redman
Sarah E. Reece
Laura Gibson Rego
Kimberly Samaha
Sydney Telek

Master of Science, Global Sustainability Science

Lisa Detjen
Filip Raketic
Sophia Marie Schroeder
Magdalena Schwenck
Jana Sophia Summa

Master of Science, Sustainable Energy

Aaron Mehner

Master of Sustainability Leadership

Michael Joseph Andoloro
Yohana Avina
Hind Faysal Ayache
Safia Omar Bakarkar
Karen Elizabeth Braun
Diana Carolina Cano
Abdulmajid KM Chahrour
Kelly Elise Chartrand
Elysia Mei-Ling Cheung
Amanda Marie Downes

Candidates for Master's Degrees continued

Master of Sustainability Leadership (cont.)

Alyssa Jane Freybler
Kaitlyn Nicole Harbort
Colleen Erin Torrenga Henry
Megan Lynn Juracek
Marina Michelle Koch
John P. McNamara
Melissa Anne Merrick
Rebecca Samson Merryman
Erin Rene O'Connor
Tina Lyn Phanmanivong
Chelsea Powers
Shane Reiser
Alessandra Christine Romeo
Kathryn Rominger
Niveditha Ramakrishna Srirangapatna
Michael Synek
Kelly Ashton Todd
Mary Jean Vesel
Robert Wzykowski

Executive Master of Sustainability Leadership

Kirbi Dorozinsky
Laura Fleming
Amy Gross
Cori Halter
Michael Hwang
Annapatrice Johnson
Lauren Koll

Candidates for Master's Degrees continued

Executive Master of Sustainability Leadership (cont.)

Brandi Nye

Tracie Stafford

Master of Sustainability Solutions

LaDawn Raneé Bentley

Candidates for Bachelor's Degrees

Bachelor of Science, Innovation in Society

Eric S. Castellano

Nikhil Dave, *Summa Cum Laude*

Farzan Aziz Dean

Trevor D. Esplin

Diana Millanes

Bachelor of Arts, Sustainability

Lee Bardon

Anna Elizabeth Black, *Summa Cum Laude*

Cabot Fielding Brunkenhoefer

Jacob M. Carnes

Lauren Michelle Carter, *Summa Cum Laude*

Nicole Marie Castellano

Kayla Ann Chaney

Katherine Patricia Del Castillo

Anya Nicole Den Dulk, *Cum Laude*

Kylie Katherine Flynn

Christopher Paul Gebbia

Mackenzie Leigh Glenn

Andra Gutierrez, *Magna Cum Laude*

Alexandria Lenore Hamilton

Ria L. Harper

Hailey Marie Kathman, *Summa Cum Laude*

Jasper Larson, *Cum Laude*

Meghan Marie Marshall

Rachel Danielle Nelson, *Summa Cum Laude*

Kiley Rath, *Summa Cum Laude*

Marilyn C. Shepherd, *Summa Cum Laude*

Bachelor of Arts, Sustainability (cont.)

Daisy Lilibeth Verdugo, *Summa Cum Laude*

Morgan Marie West, *Cum Laude*

Bachelor of Science, Sustainability

William Dexter Anderson, *Summa Cum Laude*

Elisabeth M. Bowler, *Summa Cum Laude*

Caitlin Boyce, *Summa Cum Laude*

Ryan Dougherty, *Cum Laude*

Caitlyn M. Finnegan, *Summa Cum Laude*

Jerod Roland Fox, *Summa Cum Laude*

Loraina Gaxiola

Stephanie Christine Hart, *Cum Laude*

Kimberly R. Hartley, *Summa Cum Laude*

Kenneth R. Haskins, *Cum Laude*

Jasmine Hurt, *Summa Cum Laude*

Aaron Kazda, *Magna Cum Laude*

Jeryn Christopher Lamberto

Prescott Michael Matthews

Jessica Martine McCroskey

Brittany Lee Miller-Owens

Claire Deann Mushet

Travis Nelon, *Summa Cum Laude*

Jessica Rose Nixon, *Cum Laude*

Alyssa June Noble, *Summa Cum Laude*

Darsy Omer

Haley Alexis Pate, *Summa Cum Laude*

Parker Phillips

Chloe Pintarch, *Summa Cum Laude*

Noah Pozefsky, *Summa Cum Laude*

Candidates for Bachelor's Degrees continued

Bachelor of Science, Sustainability (cont.)

Austin Ryan Rodriguez

Hailey Anne Ryan

Hannah Lindsay Smith, *Summa Cum Laude*

Ryan Scott Swapp, *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 College of Global Futures 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, and white. The circular form is used to symbolize the earth, and references the idea of “global.” The three interweaving parts within the circle offer a dynamic infrastructure to the foundation of “global futures,” while the three different textures are applied to reflect complexity, they are organized and unified by the same color. The swirl orientation of the parts brings movement, energy and focus to the center. The intention of using an outlined circle is to bring contrast and openness to the complexity. It implies possibility.

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[®], 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.

