

spring 2015 convocation

May 14, 2015 ASU Gammage Auditorium



Message from the Dean

Welcome to Arizona State University and the nation's first and most highly regarded School of Sustainability. I am proud to join you on this remarkable 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 what will be a long and distinguished line of sustainability graduates. We count on them to be wise citizens in a complex world. Their decisions and actions will impact us all.

I look forward to seeing where our graduates go next and know it will be an exciting and fulfilling journey. In joining the ranks of School of Sustainability alumni, these new graduates will be welcomed by a growing network of people committed to putting sustainability into action. Together, they will change the world for the better.



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, appearing to read "Chris Boone".

Christopher Boone
Dean of the School of Sustainability

About the School of Sustainability

The School of Sustainability, established in 2006, 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 in Sustainable Solutions, Master of Sustainability Leadership or an Executive Master for 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

Haley Paul, MS

*Water Conservation Specialist, Town of Gilbert
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, ASU Wrigley Institute*

Greetings from the Julie Ann Wrigley Global Institute of Sustainability

Gary Dirks, PhD

*Director, ASU Wrigley Institute
Teaching Faculty, School of Sustainability
Julie Ann Wrigley Chair Practice of Sustainable Energy Systems,
School of Sustainability
Director, LightWorks
Distinguished Sustainability Scientist, ASU Wrigley Institute*

Honored Guests

School of Sustainability Faculty

Student Speakers

Graduate

Laurel Kruke, MSUS

Undergraduate

Alexandra Boden, BS

Order of Events

Introduction of Doctoral and Master's Degree Candidates

Reader

John Martin Anderies, PhD

Professor, School of Sustainability

Professor, School of Human Evolution and Social Change

Graduate Director, School of Sustainability

Senior Sustainability Scientist, ASU Wrigley Institute

Introduction of Bachelor's Degree Candidates

Reader

Rimjhim Aggarwal, PhD

Associate Professor, School of Sustainability

Undergraduate Director and Chair, Undergraduate Committee,

School of Sustainability

Senior Sustainability Scientist, ASU Wrigley Institute

Arianne J. Cease, PhD

Assistant Professor, School of Sustainability

Senior Sustainability Scientist, ASU Wrigley Institute

Video Montage

Bittersweet Symphony by The Verve

Closing Remarks

Haley Paul, MS

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 schoolofsustainability.asu.edu/alumni

Candidates for Doctoral Degrees

Spring 2015

Omayya Heidi Ahmad, PhD

A Systems Approach to Understanding and Mitigating Barriers to Travel Accessibility and Well-being in the West Bank, Palestine

Andrew James Berardy, PhD

Finding the Future of Food: Sustainable Consumption Lessons from and for Veganism

Matthew Charles Cohen, PhD

Aligning Public Participation Processes in Urban Development Projects to Local Context

Scott McClintock, PhD

Challenges of Advocacy for Sustainability Scientists

Craig Frederick Thomas, PhD

Naturalizing Sustainability Discourse: Paradigm, Practices and Pedagogy of Thoreau, Leopold, Carson and Wilson

Jae Hoon David Yu, PhD

Robustness of social-ecological system under global change: Insights from community irrigation and forestry systems

Candidates for Master's Degrees

Spring 2015

Adeyemi Olamitunde Adewole, EMSL

Mobile Dialysis Pilot Project

Michael Anthony Amico, EMSL

Opening Doors: Three Elements Necessary for Faster Adoption of Residential Solar

Jamie Lynn Bohan, EMSL

My Dirty Little Secret

Debra Emmanuelle, EMSL

Sustainability – A Shift in Perspective (Sustainability Education for Evolution SEE)

Michael Austin Herod, EMSL

Journey Points: Bridging the Gap Between the Why of a Sustainable Portfolio to the How

Rosalynn Louise Joslin Dodd, EMSL

A New Leadership Model for Sustainability in Business

Denise Lynn Kronsteiner, EMSL

Healthcare Education: Exploring the Intersection of Health and Sustainability and its Value to the Future Health Workforce

Colleen Ann Mahoney, EMSL

Thanks for Helping the Earth, Room 204

Bryan Alexander McLaren, EMSL

Medical Marijuana: Impacts and Considerations for a Sustainable Community

Candidates for Master's Degrees

Spring 2015

Olufemi Victor Olarewaju, EMSL

RISN Nigeria: Pathways to Building Network Capabilities for Resource Management

Pratik M. Patel, EMSL

Shifting the System at American Express

Bonnie J. Richardson, EMSL

Can the Vitality of a Metropolis be Reinvented on the Line?

Anamica Srinivasaragavan, EMSL

Leap Forward

Timothy William Trefzer, EMSL

Us Versus Trash: From the 20-yard Line to the End Zone

Thomas J. Williams, EMSL

Super Scottsdale – The Impact of Reusing Shoes

Booyoung Kim, MA

Analysis of Alfalfa Production in a Water-Stressed Region: A Dynamical Modeling Approach

Laurel Mackie Kruke, MA

Young People and Climate Change: Beliefs and Behavioral Choices among High School Students from Phoenix, AZ and Plainfield, IL

Ryan Carl Anderson, MSUS

Carbon Mitigation in Indianapolis

Melissa Jean Davidson, MSUS

Developing strategic, adaptive, and transformational scenario futures for Central Arizona

Candidates for Master's Degrees

Spring 2015

Kayce Flowers, MSUS

Workshop: Urban Sustainability: Best Practices & Case Studies

Felicia French, MSUS

Workshop: Sustainable Documentary; Edible Landscapes

Parker Grayson Helble, MSUS

*Designing a Living Building: Resource Innovation and Solutions
Network Headquarters*

Kimberly Kruse, MSUS

Creating a Circular Economy and Zero Waste Culture for Organics

Collin Eldridge Marshall, MSUS

EV Infrastructure Deployment in the U.S.: A Life-Cycle Analysis

Van Cooper Patterson, MSUS

Corporate sustainability strategy: Henkel's "Factor 3" Approach

Alex Pearson Rogers, MSUS

Creating Sustainable Solutions in a Start-up Archetype

Andrew Stein, MSUS

Workshop: Urban Sustainability: Best Practices & Case Studies

Eric Schechter Vahid, MSUS

City of Phoenix Office of Environmental Programs Internship

Jessica Lois Welch, MSUS

Project Intern, Office of the Mayor, City of Phoenix

Candidates for Doctoral and Master's Degrees

Summer 2015

Edgar Cardenas, PhD

Art-Science Synthesis and its Relevance for Collaborations in Sustainability

Nonso Chidebell Emordi, PhD

A complex systems approach to computing an energy poverty line for sub-Saharan Africa: Nigeria as a case study

John Harlow, PhD

Initializing and Facilitating Urban Sustainability Transition Arenas

Sandra Lina Rodegher, PhD

Scenario Planning for Sustainability: Understanding and Enhancing Participation in Group Deliberations

Natalia Rodriguez, MA

Perceptions of Climate Trends among Mexican Maize Farmers

Patricia Garland, MS

Environmental Justice and the Siting of SR-85 and NGTS

Candidates for Bachelor's Degrees

BACHELOR OF ARTS

INTERNATIONAL DEVELOPMENT AND SUSTAINABILITY

Sarah Boege, *Summa Cum Laude*

Dyana Marie Camera, *Magna Cum Laude*

Rachel Fogel, *Magna Cum Laude*

Kavon Gorgin

Trisha Angèlica Randall, *Summa Cum Laude*

Rachel Claire Snyder, *Summa Cum Laude*

Jacob A. Tibi, *Cum Laude*

POLICY AND GOVERNANCE IN SUSTAINABLE SYSTEMS

Eric Daniel Caballes

Sara Embree, *Magna Cum Laude*

Elizabeth Cristina Hernandez, *Summa Cum Laude*

Elsa Mendez, *Magna Cum Laude*

Sean Taylor Murray, *Cum Laude*

Monique Ashley Reveles

Jaclyn Michelle Smith, *Cum Laude*

Jake Ryan Swanson, *Summa Cum Laude*

SOCIETY AND SUSTAINABILITY

Sarah J. Schenck, *Summa Cum Laude*

SUSTAINABLE URBAN DYNAMICS

Koren Nicole Andres, *Magna Cum Laude*

Isabelle Olive Lishewski, *Cum Laude*

Marcela Francisca Mora, *Summa Cum Laude*

Mary Alicia Munoz Encinas, *Magna Cum Laude*

Alexandra Paige Novak, *Summa Cum Laude*

Matthew Nicolls Olney, *Magna Cum Laude*

Madelyn Rattan Romero, *Summa Cum Laude*

Sarah Rose Small, *Magna Cum Laude*

Candidates for Bachelor's Degrees

BACHELOR OF SCIENCE

ECONOMICS OF SUSTAINABILITY

Charles Kabu Adjovu, *Cum Laude*

Brandon James Catour

Amory Ford, *Magna Cum Laude*

Sammy Ramone Garcia

Shane Kula, *Magna Cum Laude*

Saritha Ramakrishna, *Summa Cum Laude*

Sophea Veronica Soeun, *Cum Laude*

Sharyn Paige Tom, *Summa Cum Laude*

Tianpu Wang, *Cum Laude*

SUSTAINABLE ECOSYSTEMS

Erin Michaela Barton, *Summa Cum Laude*

Christopher Coleman, *Summa Cum Laude*

Brianna Lyn Graf, *Cum Laude*

Michael Anthony James Howard

Kelsey McCauley

Natalie Anne Melkonoff, *Magna Cum Laude*

Candidates for Bachelor's Degrees

BACHELOR OF SCIENCE

SUSTAINABLE ENERGY, MATERIALS, AND TECHNOLOGY

Laine Baker, *Magna Cum Laude*

Christopher Joseph Barton, *Summa Cum Laude*

Alexandra Nicole Boden, *Summa Cum Laude*

Allison Nicole Brickner, *Summa Cum Laude*

Scott Charles Christensen

Ariel Lee Fan, *Cum Laude*

Tyler Hollmann, *Cum Laude*

Alen Jakupovic, *Summa Cum Laude*

Tayler Jenkins, *Summa Cum Laude*

Sean Robert Kirk

Kevin C. Klawinski, *Cum Laude*

Christopher Daniel Lurie

Taylor Manola

Kevin McBride

Justin Dean Moratti, *Magna Cum Laude*

Akane Ota, *Cum Laude*

Kenneth Dillon Raghunandan

Edward Kim Skibo

Sarah Anne Spencer, *Summa Cum Laude*

Nicole Starr, *Summa Cum Laude*

Paul Michael Stevenson, *Summa Cum Laude*

Tommy Verderame, *Magna Cum Laude*

Hans Zamora, *Summa Cum Laude*

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

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

Regalia



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.

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.

