

fall 2013 convocation

December 16, 2013 ASU Galvin Playhouse



Message from the Dean

Welcome to Arizona State University and the nation's first and highest regarded School of Sustainability. I am proud to join you on this remarkable occasion.

Convocation is a ceremony quite literally robed in medieval traditions. 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 a lot of 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 the natural and social environment, 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 today 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 that 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, but most of all be proud of yourself for reaching this remarkable milestone.



A handwritten signature in black ink that reads "Christopher Boone". The signature is written in a cursive style with a long horizontal line extending from the end.

Christopher Boone
Dean of the School of Sustainability

About the School of Sustainability

The School of Sustainability, established in 2007, educates a new generation of scholars and practitioners and creates innovative modes of scholarship by bringing together leaders and stakeholders across 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 Sustainable Solutions, 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 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

Maren Mahoney, J.D., M.A.

*Strategic Initiatives Coordinator for the Energy Policy
Innovation Council at ASU
President, School of Sustainability Alumni Chapter*

Welcome

Christopher G. Boone, Ph.D.

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

Greetings from the Global Institute of Sustainability

Gary Dirks, Ph.D.

*Director, Global Institute of Sustainability
Teaching Faculty, School of Sustainability
Julie A. Wrigley Chair, Practice of Sustainable Energy Systems,
School of Sustainability
Director, LightWorks
Distinguished Sustainability Scientist, Global Institute of Sustainability*

Honored Guests

School of Sustainability Faculty

Student Speakers

Graduate

Karen Kao, M.SUS.

Undergraduate

Vladimir Batalion, B.S.

Order of Events

Introduction of Doctoral and Master's Degree Candidates

Reader

John Martin Anderies, Ph.D.

Associate Professor, School of Sustainability

Associate Professor, School of Human Evolution and Social Change

Graduate Director, School of Sustainability

Senior Sustainability Scientist, Global Institute of Sustainability

Introduction of Bachelor's Degree Candidates

Reader

Rimjhim Aggarwal, Ph.D.

Associate Professor, School of Sustainability

Undergraduate Director and Chair,

Undergraduate Committee, School of Sustainability

Senior Sustainability Scientist, Global Institute of Sustainability

Video Montage

Good Time

by Owl City and Carly Rae Jepsen

Closing Remarks

Maren Mahoney

Recessional

Please join us at Wrigley Hall for a congratulatory reception immediately following the ceremony.

Sign language interpreters provided by Arizona Interpreting Service, Inc.

Convocation photography by Tim Trumble

View commencement videos, order convocation photos, and connect with fellow alumni at schoolofsustainability.asu.edu/alumni

Candidates for Doctoral Degrees

DOCTORAL DEGREES

Wen-Ching Chuang, Ph.D.

*Vulnerability to Heat Stress in Urban Areas:
A Sustainability Perspective*

David Iwaniec, Ph.D.

*Crafting Sustainability Visions – Integrating Visioning Practice,
Research, and Education*

Yun Ouyang, Ph.D.

*Relationship Between Single-Family Residential Water Use and Its
Determinants: A Spatio-Temporal Study of Phoenix, Arizona*

Benjamin Woodruff Stanley, Ph.D.

*Sustainable Urban Development and the Political Economy of
Growth in Phoenix, Arizona*

Carissa Anna Taylor, Ph.D.

*Farm and Food Security in Central Arizona Farmer's Markets:
Presences, Absences, Lived Experiences and Governance*

Candidates for Master's Degrees

MASTER'S DEGREES

Drew Michael Gary Bryck, M.A.

Energy Efficiency Policy in Arizona: Public Participation and Expert Consultation in the Policy Implementation Process

Cathy Rubinos, M.A.

Institutional Analysis of Water Management for Agriculture in the Chancay-Lambayeque Basin, Peru

Joseph Maxwell Fernandi, M.S.

Case Study: Sustainability Assessment for Sundt Corporation, Inc.

Nelson Christian Edward Mandrell, M.S.

*Vacant Land Activation:
A Tool to Combat Urban Blight in Downtown Phoenix*

Amy Michelle Minowitz, M.S.

A Method for Sustainability Appraisal of Urban Visions

Karen Kao, M.SUS.

Reinvent Phoenix - Midtown District Vision

Candidates for Bachelor's Degrees

BACHELOR OF ARTS

INTERNATIONAL DEVELOPMENT AND SUSTAINABILITY

Christopher Robinson, *Summa Cum Laude*

Haley Nicole Tabor

Tori Elizabeth Talkington

Grant Jeffrey Theobald

Hiroto Wada, *Cum Laude*

POLICY AND GOVERNANCE IN SUSTAINABLE SYSTEMS

Monserrat Gomez Cesar, *Magna Cum Laude*

Thomas Robert Kalchik

Windham Biondi Lucking, *Magna Cum Laude*

Saralyn Tyler Petricevich, *Magna Cum Laude*

Adam David Schmitz, *Cum Laude*

SOCIETY AND SUSTAINABILITY

Courtney Brooke Buzzard

May Angela Hier

Daniel M. Muchow

Kelsey Erin Myers

Samson Keene Szeto, *Summa Cum Laude*

Natalia Burba Trulsson

SUSTAINABLE URBAN DYNAMICS

Samantha Kay Christian, *Magna Cum Laude*

Ryan Michael Hixson, *Cum Laude*

Ryan Thomas Luikens

Glenda Evonne Ruff

Bryan Patrick Smith

Candidates for Bachelor's Degrees

BACHELOR OF SCIENCE

ECONOMICS OF SUSTAINABILITY

Vladimir Polanczyk Batalion, *Summa Cum Laude*

Hannah La Luzerne, *Magna Cum Laude*

Jessica Leggette

Bryan Richard Titzler, *Magna Cum Laude*

Caio Salvador Vissicaro

SUSTAINABLE ECOSYSTEMS

Brittany Noel Dare

Angela Irene Edmund

Rebecca Rivera, *Cum Laude*

SUSTAINABLE ENERGY, MATERIALS, AND TECHNOLOGY

Omone' Abu, *Magna Cum Laude*

Ali AlNayem AlHayki

Mary Elizabeth Bigelow

Christopher Addison Conway, *Summa Cum Laude*

Andrew James Eckenrode

Caitlin Rose Jackson, *Cum Laude*

Ahmet Mamut

Kevin Andre Nakolan, *Summa Cum Laude*

Jordan Noetzelman, *Magna Cum Laude*

Zane Tyler Pence, *Magna Cum Laude*

Tony Lorenzo Perez

Ashley Anne Poupart, *Cum Laude*

Waleed Khaled Sunna

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 re-use in future ceremonies.

ASU[®] SCHOOL of SUSTAINABILITY

ARIZONA STATE UNIVERSITY

schoolofsustainability.asu.edu

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Calculations based on research by Environmental Defense Fund and other members of the Paper Task Force.