

spring 2011 convocation

May 12, 2011 ASU Gammage



Message from the Director

Welcome to Arizona State University and the nation's first 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 men and women are ready to move forward in excellence to the next level of their careers. Whether they stay in academia and choose to do research and teach others, or move into jobs that require practical application of everything they have gained in this institution, they will take with them the memories and knowledge imparted on them by this school and this university. We honor them, their hard work and discipline. We acknowledge the completion of this part of their journey and remember fondly the time we had the privilege of spending with them.

Our students and graduates are addressing some of the most critical challenges of our time, and the knowledge and solutions that they create today will shape the quality of life for future generations. They are thinking in new ways about the natural and social environment, about equity between different parts of the planet, about the norms and aspirations of its peoples, and about what is realistically achievable in a world that will soon count nine billion inhabitants.

The candidates we honor today join their predecessors in what will surely be a long and distinguished line of sustainability graduates; they are the intellectual capital upon which so much of our future depends. We count on them to be wise citizens in the complex world we live in today. Their decisions and actions will impact us all.

We hope they continue to reach out into society to help identify and implement practical 'sustainability solutions' in a wide range of domains, from urban planning and management to alternative energy, environmental decision-making, supply-chain management and food security, seeking the best outcomes for both human and natural environments both now and into the indefinite future.

All these aspects of our program strive to make sustainability a fundamental cornerstone of the cultures of the many societies inhabiting our planet, and of the behavior of the people involved.



I wish today's graduates the very best and look forward to remaining connected and collectively furthering the cause of a sustainable planet!

A handwritten signature in black ink, appearing to read 'Sander van der Leeuw', written over a horizontal line.

Sander van der Leeuw
Dean of the School of Sustainability

About the School of Sustainability

The School of Sustainability, established in 2007, offers transdisciplinary degree programs that advance practical solutions to environmental, economic, and social challenges of sustainability—especially as they relate to urban areas.

The School offers graduate programs leading to Doctor of Philosophy, Master of Arts, and Master of Science degrees in Sustainability and undergraduate programs leading to Bachelor of Arts and Bachelor of Science degrees in Sustainability.

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

Welcome

Sander van der Leeuw, Ph.D.

Dean and Professor, School of Sustainability

Director and Professor, School of Human Evolution and Social Change

Senior Sustainability Scientist, Global Institute of Sustainability

Greetings from the President

Michael M. Crow, Ph.D.

President, Arizona State University

Senior Sustainability Scientist, Global Institute of Sustainability

Greetings from the Global Institute of Sustainability

R. F. Shangraw

Director, Global Institute of Sustainability

Senior Vice President, Knowledge Enterprise Development

Professor of Practice, School of Sustainability

Senior Sustainability Scientist, Global Institute of Sustainability

Master of Ceremonies

Colin G. Tetreault, M.A.

Faculty Associate, School of Sustainability

Inaugural President, School of Sustainability Alumni Chapter

Honored Guests

School of Sustainability Faculty

Special Awards

Christopher G. Boone, Ph.D.

Associate Dean for Education, School of Sustainability

Professor, School of Sustainability

Professor, School of Human Evolution and Social Change

Senior Sustainability Scientist, Global Institute of Sustainability

Order of Events *(continued)*

Student Speakers

Graduate

Ryan Delaney, M.S.

Undergraduate

Cinthia Carvajal, B.A.

Introduction of Doctoral and Master's Degree Candidates

Reader

Hallie Eakin, Ph.D.

Assistant Professor, School of Sustainability

Senior Sustainability Scientist, Global Institute of Sustainability

Graduate Committee Chair

Introduction of Bachelor's Degree Candidates

Readers

Rimjhim Aggarwal, Ph.D.

Assistant Professor, School of Sustainability

Senior Sustainability Scientist, Global Institute of Sustainability

Undergraduate Coordinator

Daniel L. Childers, Ph.D.

Director, Central Arizona-Phoenix LTER, Global Institute of Sustainability

Professor, School of Sustainability

Senior Sustainability Scientist, Global Institute of Sustainability

Video Montage

If You're Out There by John Legend

Closing Remarks

Ann P. Kinzig, Ph.D.

Chief Research Strategist, Global Institute of Sustainability

Professor, School of Life Sciences

Senior Sustainability Scientist, Global Institute of Sustainability

Recessional

Convocation photography by Tim Trumble

Find the link to order photos online at schoolofsustainability.asu.edu/alumni

Graduation with 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 fall 2010 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

Candidates for Doctoral and Master's Degrees

Spring 2011

Gustavo Garduno Angeles, Ph.D.
*Sustainable Water Management
in Ciudad Juarez*

Thaddeus Miller, Ph.D.
*Constructing Sustainability:
A Study of Emerging Scientific
Research Trajectories*

Chrissie Bausch, M.A.
*Environmental Sustainability and
Conventional Agriculture: An
Assessment of Maize Monoculture
in Sinaloa, Mexico Using Multi
Criteria Decision Analysis*

Carolyn Elizabeth Crouch, M.A.
*Community Food Resource
Assessment in Central City
South, Phoenix: A Study of
Community Capacity Building*

Paul Iversen, M.A.
*Developing Educational Activities
for the Ecovillage Training
Center's Apprenticeship Program*

Lindsey Rose Allen, M.S.
*Perceived Walkability in Central
City South, Phoenix, Arizona:
Implication and Interventions*

Emily McConnell Freeman, M.S.
*Restaurant Industry Sustainability:
Barriers and Solutions to
Sustainable Practice Indicators*

Brittini Raye Furrow, M.S.
*Calculating a Greenhouse Gas
Inventory and Management Plan for
The Sustainability Consortium*

Wayne Eliot Porter, M.S.
*Renewable Energy in Rural
Southeastern Arizona:
Decision Factors*

Summer 2011

Edward Burgess, M.S.
*Evaluating Sustainability Impacts
for High-Speed Rail Planning in
the U.S.*

Ryan Delaney, M.S.
*Challenges of Adopting the Use
of Agricultural-and Fuel-Based
Technologies in Less Developed
Countries: The Case of
Central Haiti*

Genevieve Suzanne Metson, M.S.
Phosphorus in Metropolitan Phoenix

Candidates for Bachelor's Degrees

Spring 2011

Saad Ahmed, B.A.

Sustainable Urban Dynamics Track

Cinthia Sarah Carvajal, B.A.

International Development and Sustainability Track, Summa Cum Laude

Kia Czaplicki, B.A.

International Development and Sustainability Track

Kristen Louise Efurd-Osgood, B.A.

International Development and Sustainability Track, Summa Cum Laude

Enrico J. Fabiani, B.A.

Society and Sustainability Track

Paul Ferguson, B.A.

Sustainable Urban Dynamics Track

Richard James Flood IV, B.A.

Sustainable Urban Dynamics Track, Magna Cum Laude

Tisha Renee Gonzales, B.A.

Sustainable Urban Dynamics Track

Stacey Marie Haggerson, B.A.

Society and Sustainability Track

Annie Elizabeth Hale, B.A.

Sustainable Urban Dynamics Track, Magna Cum Laude

Kelly Ann Hannan, B.A.

Society and Sustainability Track

Briana Harvey, B.A.

Society and Sustainability Track, Cum Laude

Rachael Elizabeth Jozwiak, B.A.

Policy and Governance in Sustainable Systems Track

Mauricio Leon-Risemberg, B.A.

Policy and Governance in Sustainable Systems Track, Magna Cum Laude

Colin Mooney, B.A.

Sustainable Urban Dynamics Track

Santino Joseph Panico, B.A.

Policy and Governance in Sustainable Systems Track, Summa Cum Laude

Alaina S. Powers, B.A.

International Development and Sustainability Track, Cum Laude

Stanford Thomas Prescott, B.A.

International Development and Sustainability Track, Magna Cum Laude

Lexie Runge, B.A.

Society and Sustainability Track

Tanner Browne Smith, B.A.

Policy and Governance in Sustainable Systems Track

Adam Michael Stranieri, B.A.

Sustainable Urban Dynamics Track, Summa Cum Laude

Stacia J. Turner, B.A.

Society and Sustainability Track, Cum Laude

Alexandra Weinrich, B.A.

Sustainable Urban Dynamics Track, Cum Laude

Candidates for Bachelor's Degrees

Hannah Loring Wells, B.A.

International Development and Sustainability Track, Summa Cum Laude

Michael Christopher Acosta, B.S.

Economics of Sustainability Track

Mariann Abrahamsen, B.S.

Sustainable Ecosystems Track, Cum Laude

Kathleen Marie Anderson, B.S.

Sustainable Energy, Materials, and Technology Track

Elizabeth Jane Atwood, B.S.

Sustainable Ecosystems Track

Kayleigh Diane Bauer, B.S.

Sustainable Energy, Materials, and Technology Track

Shane Michael Binus, B.S.

Sustainable Ecosystems Track, Magna Cum Laude

Kyle Lee Marshall Campbell, B.S.

Sustainable Energy, Materials, and Technology Track

Garrett Stewart Carney, B.S.

Economics of Sustainability Track

Michael George Catsos, B.S.

Sustainable Ecosystems Track, Magna Cum Laude

Levi Chokie, B.S.*

Sustainable Energy, Materials, and Technology Track

Amanda Clayton, B.S.

Sustainable Energy, Materials, and Technology Track, Cum Laude

Cheyenne Lauren Coleman, B.S.

Sustainable Energy, Materials, and Technology Track

Jaclyn Collins, B.S.

Sustainable Ecosystems Track

Alexandria Marie Detrio, B.S.

Economics of Sustainability Track

Jason Eric Dietterick, B.S.

Sustainable Energy, Materials, and Technology Track

Atanas Mark Dimov, B.S.

Sustainable Energy, Materials, and Technology Track

Eli Caleb Escobedo, B.S.

Sustainable Energy, Materials, and Technology Track, Cum Laude

Brian Joseph Fahey, B.S.

Economics of Sustainability Track

Stephen Michael Firestone, B.S.

Sustainable Energy, Materials, and Technology Track

Christopher Robert Foldesh, B.S.

Sustainable Energy, Materials, and Technology Track

William K. Francis, B.S.

Sustainable Energy, Materials, and Technology Track, Summa Cum Laude

Anthony Garcia, B.S.

Sustainable Energy, Materials, and Technology Track, Magna Cum Laude

* degree awarded posthumously

Candidates for Bachelor's Degrees

Peter Goldman, B.S.
Sustainable Ecosystems Track, Cum Laude

Josephine Ellen Groh, B.S.
Sustainable Energy, Materials, and Technology Track, Magna Cum Laude

Krista Megan Hicks, B.S.
Sustainable Energy, Materials, and Technology Track

Stephen A. Hilinski, B.S.
Sustainable Energy, Materials, and Technology Track, Cum Laude

Kevin L. Hofberger, B.S.
Sustainable Energy, Materials, and Technology Track, Magna Cum Laude

Canyon Jorgensen, B.S.
Sustainable Energy, Materials, and Technology Track, Summa Cum Laude

Elizabeth Kastanaki, B.S.
Sustainable Energy, Materials, and Technology Track

David Scott Kowaleski, B.S.
Sustainable Energy, Materials, and Technology Track

Kevin Christopher Lane, B.S.
Economics of Sustainability Track

Alex Benjamin Leamen, B.S.
Sustainable Energy, Materials, and Technology Track

Courtney Nicole Lewis, B.S.
Sustainable Ecosystems Track

Robert Paul Lindfors, B.S.
Sustainable Energy, Materials, and Technology Track

Sean Kimball McGraw, B.S.
Sustainable Energy, Materials, and Technology Track

Eric Shawn Monaco, B.S.
Sustainable Energy, Materials, and Technology Track

Alex Francis Muñoz, B.S.
Sustainable Energy, Materials, and Technology Track, Cum Laude

Ian Gregory Neufeld, B.S.
Sustainable Energy, Materials, and Technology Track

Dawson Thomas Rauch, B.S.
Economics of Sustainability Track, Magna Cum Laude

Jared J. Regan, B.S.
Sustainable Energy, Materials, and Technology Track, Cum Laude

Danielle Eileen Renshaw, B.S.
Sustainable Energy, Materials, and Technology Track

Tashmin Sadia, B.S.
Sustainable Energy, Materials, and Technology Track, Cum Laude

Paul Michael Saigeon, B.S.
Economics of Sustainability Track

Gian Brenard Solema, B.S.
Sustainable Energy, Materials, and Technology Track

Chelsea Elizabeth Till, B.S.
Economics of Sustainability Track

Candidates for Bachelor's Degrees

Jake Andrew Vacek, B.S.
Sustainable Energy, Materials, and Technology Track, Cum Laude

Eric Michael Vanepps, B.S.
Sustainable Energy, Materials, and Technology Track

Jordan Van Vigil, B.S.
Sustainable Energy, Materials, and Technology Track

Anthony Gilbert Vargas-Frank, B.S.
Sustainable Energy, Materials, and Technology Track

David Lawrence Wernsman, B.S.
Sustainable Ecosystems Track, Cum Laude

Lauren Taxeras Wunderlich, B.S.
Sustainable Energy, Materials, and Technology Track

Summer 2011

Skyler Mae Bartle, B.A.
Society and Sustainability Track

Aubreigh Brunschwig, B.A.
International Development and Sustainability Track, Summa Cum Laude

Evan Matthew Forsythe, B.A.
Society and Sustainability Track

Heather Leigh Hazzan, B.A.
Society and Sustainability Track, Cum Laude

Jessica Passerelli, B.A.
Society and Sustainability Track

Joseph Philip Reyes, B.A.
Society and Sustainability Track

Aliya Kala Rosenbloom, B.A.
Society and Sustainability Track, Magna Cum Laude

Alixandra Solis, B.A.
Sustainable Urban Dynamics Track

Shihaiyah Ellen Young, B.A.
International Development and Sustainability Track, Magna Cum Laude

Samuel Edward Zozaya III, B.A.
Sustainable Urban Dynamics Track

Urszula Katarzyna Adamska, B.S.
Sustainable Energy, Materials, and Technology Track

Robert George Bocchicchio, B.S.
Sustainable Energy, Materials, and Technology Track

Jeremy Kenneth Bradley, B.S.
Sustainable Energy, Materials, and Technology Track

Audrey Lee Gajate, B.S.
Sustainable Energy, Materials, and Technology Track, Summa Cum Laude

William Leland Gross, B.S.
Sustainable Energy, Materials, and Technology Track

Maricelle Immelman, B.S.
Economics of Sustainability Track

Christopher Thomas Koehle, B.S.
Sustainable Energy, Materials, and Technology Track

Alanna M. Leahy, B.S.
Sustainable Energy, Materials, and Technology Track

Candidates for Bachelor's Degrees

Tyler Louis Morton, B.S.

Sustainable Ecosystems Track

John David Silva, B.S.

Sustainable Ecosystems Track

Austin Spikes, B.S.

*Sustainable Energy, Materials,
and Technology Track*

Amanda Nichole Stanko, B.S.

Sustainable Ecosystems Track

Chase Evan Stone, B.S.

*Sustainable Energy, Materials,
and Technology Track*

Brent Connor Thiele, B.S.

*Sustainable Energy, Materials,
and Technology Track*

Tyler Rand Viliborghi, B.S.

*Sustainable Energy, Materials,
and Technology Track, Summa
Cum Laude*

Seger J. Weisberg, B.S.

*Sustainable Energy, Materials,
and Technology Track*

Alumni Association


Welcome, graduate, to your life as an alumnus. As a student in the School of Sustainability, you were part of something unique. You made connections here: collaborations, partnerships, and friendships. You don't have to leave it all behind now that you have graduated.

You can stay connected to the School through the Arizona State University Alumni Association and through the School's social and professional networks. Check in on your alma mater, and keep us posted about your professional accomplishments and personal milestones.

Congratulations on your achievement. We know you will make us proud.

find us on:  @ASUgreen

 ASU Sustainability

 ASU School of Sustainability

or visit: schoolofsustainability.asu.edu/alumni



What is a Gonfalon?

A gonfalon is a flag or banner of medieval origin, traditionally displayed during ceremonies and processions. In academia, gonfalons represent the different fields of study within a university. They typically include the established academic color for the discipline as well as a representative symbol or emblem.



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.

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

University commencement and convocation ceremonies are special events for all involved. Please show respect for everyone who has come to share in the experience.

As a courtesy to those around you and to our graduating students, please turn off pagers and cellular phones during the ceremony.

“Sustainability is larger than one person, one company, or one country. Its scope, scale, and importance demand unprecedented and swift solutions to environmental protection and other complex problems.”

–Julie Ann Wrigley

*Co-founder, Global Institute of Sustainability
and School of Sustainability*



ASU SCHOOL of
SUSTAINABILITY
ARIZONA STATE UNIVERSITY

schoolofsustainability.asu.edu