Presidential Climate Leadership Summit

FEBRUARY 13-15, 2017
TEMPE, AZ

Celebrating 10 Years of Commitment to Climate Action
Dear Colleagues,


Our recurring gathering has taken place within a variety of contexts over the past 10 years, but this week’s event is arguably the most notable since the launch of the Climate Leadership Network. We are celebrating a decade of commitment to climate leadership, but also intentionally scheduled this Summit to occur after the presidential election cycle in order to offer a space for our Network to plan a path forward together.

The results of the election make us all recognize that climate leadership from the higher education sector is more urgent and necessary than ever. This leadership is catalyzed through constructive dialogue and conversation at meetings like these – providing sparks for new ideas and innovative connections. As we continue to develop and advance the Network, we are grateful for your support and participation and look forward to the important journey ahead.

Sincerely,

Timothy Carter,
President of Second Nature
**STAFF**

- Gabriela Boscio
  Communications and Education Manager

- Timothy Carter
  President

- Janna Cohen-Rosenthal
  Climate Programs Director

- Stephen Ellis
  Climate Programs Manager

- Katherine Gagen
  Programs and Operations Intern

- Michele Madia
  Director of Education and Partnerships

- Steve Muzzy
  Climate Programs Senior Manager

- Brett Pasinella
  Senior Manager of Innovative Services

- Julia B. Pease
  Director of Finance and Operations

- Gabriela Boscio
  Communications and Education Manager

- Timothy Carter
  President

- Janna Cohen-Rosenthal
  Climate Programs Director

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- Laurie Fowler
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  President, Mt. Hood Community College

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- Jake Schrum
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- Greg Smith
  President, Central Community College

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  President, Portland State University and Past Chair, Climate Leadership Network Steering Committee

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  President Emerita, Winona State University

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  Chief Sustainability and Economic Development Officer, Los Angeles Department of Water and Power

- Christine Scott Nelson
  Director and Senior Advisor,
  Cornerstone Research

- Wim Wiewel
  President, Portland State University and Past Chair, Climate Leadership Network Steering Committee

**STEERING COMMITTEE**

- Diane Harrison, Chair
  President, California State University, Northridge

- Mariko Silver, Vice Chair
  President, Bennington College

- Brad Bateman
  President, Randolph College

- Jose Bowen
  President, Goucher College

- James Conwell
  President, Rose Hulman Institute of Technology

- Michael Crow
  President, Arizona State University

- John Dunn
  President, Western Michigan University

- Dorothy Leland
  Chancellor, University of California - Merced

- Elizabeth Kiss
  President, Agnes Scott College

- Steven Knapp
  President, George Washington University

- Jewell Harper
  Visiting Professor, Spelman College

- Timothy Carter
  President

- Janna Cohen-Rosenthal
  Climate Programs Director

- Carly Simmons
  Design and Communications Intern

- Devin Smith
  Operations Manager
SUMMIT PROGRAM COMMITTEE

Mariko Silver
President, Bennington College
Debra Derr
President, Mt. Hood Community College
Linda Lujan
President, Lamar Community College
Jim Buizer
Professor & Director of Climate Adaptation and International Development, University of Arizona
Meghan Chapple
Director, Office of Sustainability and Senior Advisor on University Sustainability Initiatives, The George Washington University
Mick Dalrymple
Director, University Sustainability Practices, Arizona State University
Michele Madia
Director of Education and Partnerships, Second Nature
Devin Smith
Operations Manager, Second Nature

SECOND NATURE CORPORATE PARTNERS

LEADERS

SECOND NATURE SUPPORTERS

AFFILIATE

Van Ness Feldman, LLP
CLIMATE LEADERSHIP SOCIETY

*The Climate Leadership Society* is an exclusive group of past presidents from signatory institutions who continue to care deeply about climate action in higher education. The founding Society members will be developing opportunities for service including: advising the Network, mentoring current presidents, and connecting the Network to additional resources to support climate progress.

- **Esther L. Barazzone**
  Former President, Chatham University
- **Richard Cook**
  President Emeritus, Allegheny College
- **David Hales**
  Former President, College of the Atlantic
- **Martha Kanter**
  Former Chancellor, Foothill-De Anza Community College
- **Judith A. Ramaley**
  President Emerita, Winona State University
- **David Shi**
  President Emeritus, Furman University
- **Mitchell Thomashow**
  Former President, Unity College
- **Paul Zingg**
  Former President, California State University-Chico

SUMMIT HOST COMMITTEE

**Arizona State University**

- **Mick Dalrymple**
  Director, Sustainability Practices
- **Alma Douglas**
  Program Coordinator, Walton Sustainability Solutions Initiatives
- **Lesley Forst**
  Sr. Program Coordinator, ASU University Sustainability Practices
- **Jason Franz**
  Senior Manager, Strategic Marketing and Communications, Walton Sustainability Solutions Initiatives
- **Jeanine Malone**
  Office Specialist Sr, Walton Sustainability Solutions Initiatives
- **Susan Norton**
  Program Manager, ASU University Sustainability Practices
- **Anne Reichman**
  Program Manager, Sustainable Cities Network
- **Patricia Reiter**
  Executive Director, Walton Sustainability Solutions Initiatives
- **Kelly Saunders**
  Program Manager, Sustainability Solutions Festival, Walton Sustainability Solutions Initiatives

**University of Arizona**

- **Ben Champion**
  Director of the Office of Sustainability, University of Arizona, Division of Student Affairs and Engagement
- **Maricopa Community College**
  Dr. Shari Olson
  President, South Mountain Community College
- **Thomas Williams**
  Chief Sustainability Officer, Maricopa Community College District
- **Stacey Wright**
  Coordinator of College Connections, South Mountain Community College

CLIMATE LEADERSHIP AWARDS

The annual Second Nature Climate Leadership Awards recognize innovative and advanced leadership in sustainability, climate mitigation, and resilience at signatory campuses of the Climate Leadership Commitments. They do so based on demonstrated advances in innovation, embedded opportunities, and student preparedness with relation to sustainability and climate action. Second Nature offers these awards in partnership with the U.S. Green Building Council's (USGBC) Center for Green Schools.

**2016 Winners**

**2016 Honorable Mentions**

**2015 Winners**

HIGHLIGHTED ACHIEVEMENTS

Middlebury College announced in December that it is Carbon Neutral, successfully achieving its goal of net-zero emissions by 2016. Middlebury is the third Carbon Neutral school in the Climate Leadership Network. It joins Green Mountain College, Carbon Neutral since 2011, and Colby College, Carbon Neutral since 2013.
ROBERT JONAS
Robert A. Jonas, M.T.S., Ed.D., is founder & director of the Empty Bell interfaith sanctuary (emptybell.org). Trained as a psychotherapist, Dr. Jonas is now a retreat leader, video artist, musician, environmental activist and author (a biographer of theologian Henri Nouwen). Dr. Jonas is a student of Sui-Zen, the Japanese bamboo flute (shakuhachi). His CD, Blowing Bamboo, is available on iTunes. Dr. Jonas is Board Chair of the Kestrel Land Trust in Amherst, MA (www.kestreltrust.org).

VEERABHADRAN RAMANATHAN
Veerabhadran Ramanathan is a distinguished professor at the University of California, San Diego. He has received numerous awards for his discoveries about how the climate warming effects of chlorofluorocarbons, black carbon, and ozone can greatly alter the Earth’s climate. In 2013, he was honored as the Champion of Earth by the United Nations. He advises Governor Jerry Brown on climate change mitigation and represented Pope Francis in the historic Paris agreement in 2015.

VIEN TRUONG
Vien Truong is one of the country’s foremost policy experts and strategists on building an equitable green economy. She leads Green For All, a national initiative that puts communities of color at the forefront of the climate movement and equality at the center of environmental solutions. Vien has developed numerous energy, environmental, and economic policies and programs at the state, federal and local levels. She has advised on billions of dollars in public investments for energy and community development programs.

MONDAY | 8:30-9:15 AM

MONDAY | 9:30-10:45 AM

DAVID ORR
David Orr is the Paul Sears Distinguished Professor of Environmental Studies and Politics and Special Assistant to the President of Oberlin College. He founded the Oberlin Project, a joint venture between the College and the city to create a resilient, prosperous, and sustainable community. He is a scholar, teacher, speaker, entrepreneur, and author of seven books. He served as a Trustee for many organizations including the Rocky Mountain Institute, the Aldo Leopold Foundation, and the Bioneers.

NANCY SUTLEY
Sutley has devoted most of her career to public health, the environment, and public service. She led the White House Council on Environmental Quality from 2009 to 2014. Prior to that, she served as deputy mayor for Energy and Environment in Los Angeles, California, and as Mayor Antonio Villaraigosa’s appointment to the board of directors for the Metropolitan Water District of Southern California. She is currently Chief Sustainability and Economic Development Officer for the LA Department of Water and Power.

STEVEN KNAPP
Dr. Knapp is president of George Washington University and author of three books and many articles. He taught literature at the University of California, Berkeley and served as dean and then provost at Johns Hopkins University. He is an American Academy of Arts and Sciences fellow, and a member of the Council on Foreign Relations and the Modern Language Association. He earned his doctorate and master’s degrees from Cornell University and his bachelor’s from Yale University.

MEGHAN CHAPPLE
Meghan Chapple serves as director of George Washington University’s Office of Sustainability, is a Senior Advisor on University Sustainability Initiatives, and was the co-chair of the university’s Innovation Task Force. She has led GW through its comprehensive sustainability strategy process, and has established the university’s reputation as a hotspot for sustainability innovation, experimentation, and demonstration in and out of the classroom. She has nearly 20 years of experience in corporate and nonprofit sustainable development.
JOEL MAKOWER
Joel Makower is chairman and executive editor of GreenBiz Group, Inc., creator of GreenBiz.com along with research and events on sustainable business and clean technology. He is author or co-author of more than a dozen books, including *The New Grand Strategy: Restoring America’s Prosperity, Security and Sustainability in the 21st Century*, about a business and investment plan for America, born at the Pentagon, that embeds sustainability as a national strategic imperative.

PUCK MYKLEBY
Mark Mykleby is the Co-Director of the Strategic Innovation Lab at Case Western Reserve University. He graduated from the United States Naval Academy in 1987 and served as a Marine fighter pilot. From June 2007 until July 2009, he developed strategy at the US Special Operations Command. From July 2009 until April 2011, he served as a special strategic assistant to the Chairman of the Joint Chiefs of Staff. Mark retired from the Marine Corps in August 2011.

ALICE CHAMBERLAYNE HILL
Retired Judge Alice Hill is a Research Fellow at Stanford’s Hoover Institution. She previously served at the White House as Special Assistant to the President and Senior Director for Resilience Policy where Hill led the creation of national policy regarding preparing for the impacts of climate change. Prior to joining the White House, Hill served at DHS where she led creation of the Department’s Adaptation Plan. Hill previously served as a judge and as a white-collar crime prosecutor.

JOHANNA PARTIN
Johanna Partin is Director of the Carbon Neutral Cities Alliance—a collaboration of global cities to reduce GHGs by at least 80% by 2050 or sooner—at the Urban Sustainability Directors Network (USDN). Previously she was North America Regional Director for the C40 Cities Climate Leadership Group and Senior Policy Advisor on Environment to San Francisco Mayors Gavin Newsom and Edwin Lee. She has 25 years’ experience in climate change, microfinance, sustainable development and gender equity.

JOHN CLEVELAND
John is the Executive Director for the Boston Green Ribbon Commission, a network of business and civic leaders helping the city prepare for future climate risks and achieve a 100% reduction in carbon emissions by 2050. John is also President and a co-founder of the Innovation Network for Communities (IIN), a national non-profit organization focused on helping cities achieve carbon neutrality and long-term resilience to climate disruptions.

BRENDAN SHANE
Brendan Shane is the Regional Director for North America at C40. He supports C40 cities in the US and Canada in their climate action and sustainability planning, measurement, and implementation and facilitates inter-city, regional, and global collaboration. Prior to C40, Brendan was Chief of Policy and Sustainability for the DDE in DC. Brendan has a BA in government, a masters from the University of Maryland, and a law degree from the Georgetown University Law Center.
**KEYNOTE SPEAKERS**

**TUESDAY | 12:45-1:30 PM**

**LAWRENCE M. KRAUSS**
Lawrence M. Krauss is an internationally known theoretical physicist and author with wide research interests, including the interface between elementary particle physics and cosmology. He is currently Foundation Professor in the School of Earth and Space Exploration and Physics Department at Arizona State University. He is also the Inaugural Director of the Origins Project, a national center for research and outreach on origins issues such as the origins of the universe, humans, consciousness and culture.

**BOB LITTERMAN**
Bob Litterman is Chairman of the Risk Committee and a founding partner of Kepos Capital. Previously, Bob enjoyed a 23-year career at Goldman Sachs, where he oversaw the Quantitative Investment Strategies Group; Bob was named Partner in '94 and became head of the firm-wide risk function, and before that he was co-head of the Fixed Income Research and Model Development Group. He is the co-developer of the Black-Litterman Global Asset Allocation Model. Bob earned a Ph.D. in Economics from the University of Minnesota.

**JAMES WEINSTEIN**
James Weinstein is the Dan Cracchiolo Chair in Constitutional Law, and Faculty Fellow at the Center for Law, Science & Innovation at Arizona State University. His areas of academic interest are Constitutional Law, especially Free Speech, as well as Jurisprudence and Legal History. He is co-editor of Extreme Speech and Democracy, and has written numerous books and articles on a variety of free speech topics. He has litigated significant free speech cases.

**GEETA AIYER**
Geeta combines training and over 25 years of experience in finance with passion for the environment and social justice. Under Geeta’s leadership, Boston Common has built a strong investment record and substantially improved the policies and practices of portfolio companies through shareowner engagement. She serves on the Boards of the UNPRI, the Sierra Club Foundation, Earthworks, and YW Boston. Geeta is a CFA Charter holder and received her MBA from Harvard Business School.

**TUESDAY | 3:15-4:45 PM**

**TONY CORTESE**
Dr. Cortese is the President of the Crane Institute of Sustainability and a Principal of the Intentional Endowments Network. He has been actively engaged in public policy and educational transformation on climate change and sustainability for 40 years. He founded Second Nature and served as its president from 1993-2012. He was one of the founding employees of the US EPA and the Commissioner of the Massachusetts Department of Environmental Protection. He frequently consults on institutionalizing sustainability.

**SEREN PENDLETON-KNOLL**
Seren manages sustainable investing and finance programs for the Center for Responsible Business (CRB). She developed the Berkeley Sustainable Business and Investment Forum, bringing together investors and companies focusing on risk management, capital allocation, and sustainable business practices. She also manages the Haas Socially Responsible Investment Fund, the first and largest student-led SRI fund within a business school, and directs the CRB case studies. She received her Master in Development Practice from UC Berkeley, and her BA from Whitman College.

**MICHAEL CROW**
Dr. Michael M. Crow is the 16th president of Arizona State University. He was previously executive vice-provost and professor of science and technology policy at Columbia University. He helped create and was the founding director of the Earth Institute at Columbia University, and also founded the Center for Science, Policy, and Outcomes, which links science and technology to optimal social, economic, and environmental outcomes. He is an author and a member of the Climate Leadership Steering Committee.

**WEDNESDAY | 10:30 AM-12 PM**

**BOB LITTERMAN**
Bob Litterman is Chairman of the Risk Committee and a founding partner of Kepos Capital. Previously, Bob enjoyed a 23-year career at Goldman Sachs, where he oversaw the Quantitative Investment Strategies Group; Bob was named Partner in '94 and became head of the firm-wide risk function, and before that he was co-head of the Fixed Income Research and Model Development Group. He is the co-developer of the Black-Litterman Global Asset Allocation Model. Bob earned a Ph.D. in Economics from the University of Minnesota.

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AGENDA AT A GLANCE

Sunday

1-4 PM  Second Nature Steering Committee (Closed)  XAVIER ROOM
4:30-6:30 PM  Check In Open  POOLSIDE
5-7 PM  Welcome Reception  POOLSIDE

Monday

7 AM - 3PM  Check In and Customer Service Open  PALM BALLROOM FOYER
7-7:30AM  Guided Morning Meditation  POOLSIDE
7-8:30 AM  Breakfast  COURTYARD
7-7:45 AM  Campus Presidents Breakfast (Closed)  HARRY’S PLACE
7-7:45 AM  Campus Sustainability Professionals Breakfast  CLOISTER
8-9:15 AM  General Session  PALM BALLROOM
9:15-9:30 AM  Exhibitor Hosted Coffee Break  PALM BALLROOM
9:30-10:45 AM  General Session  PALM BALLROOM
10:45-11 AM  Break
11 AM-12 PM  CONCURRENT SESSIONS
12-1 PM  Networking Lunch  PALM BALLROOM
1-1:15 PM  Break
1:15-2:15 PM  CONCURRENT SESSIONS
2:15-2:45 PM  Exhibitor Hosted Coffee Break  PALM BALLROOM
2:45-4:30 PM  General Session  PALM BALLROOM
4:30-5 PM  Book Signing  PALM BALLROOM FOYER

5-8 PM  *Postino Annex Dine Around
5:30-6:30 PM  *La Bocca and Cafe Boa Dine Arounds

*Pre-registration required for workshops and offsite events. See detailed agenda for more information. Please arrive 15 minutes prior to start time.

Tuesday

7 AM-3 PM  Check In & Customer Service Open  PALM BALLROOM FOYER
7-7:30 AM  Morning Meditation  POOLSIDE
7-8:30 AM  Breakfast  ABBEY SOUTH
7-8:15 AM  Women in Sustainability  ABBEY SOUTH
8-9 AM  *Arizona State University Campus Sustainability Tour  HOSTED AT ASU
8 AM-12 PM  *GreenBiz University
8:30-10 AM  General Session  PALM BALLROOM
10-10:30 AM  Exhibitor Hosted Coffee Break  PALM BALLROOM
10:30-11:30 AM  CONCURRENT SESSIONS
11:30-11:45 AM  Break
11:45AM-12:45 PM  Climate Leadership Awards Lunch  PALM BALLROOM
12:45-1:30 PM  General Session  PALM BALLROOM
1:30-1:45 PM  Break
1:45-2:45 PM  Exhibitor Hosted Coffee Break  PALM BALLROOM
2:45-3:15 PM  General Session  PALM BALLROOM
3:15-4:45 PM  General Session  PALM BALLROOM
5-8 PM  Courtyard Fiesta

Wednesday

7-7:30 AM  Guided Morning Meditation  POOLSIDE
7-8:30 AM  Breakfast  SEE DETAILED AGENDA
7:15-7:45 AM  Breakfast Briefs  BOARD ROOM, 2ND FLOOR
8-9 AM  CONCURRENT SESSIONS
8-10:30 AM  CRUX Meeting (Closed)  BOARDS ROOM, 2ND FLOOR
9-9:15 AM  Break
9:15-10:15 AM  CONCURRENT SESSIONS
10-10:30 AM  Coffee Break  PALM BALLROOM
10:30-12 PM  Closing Session
12:30-3:30 PM  CONCURRENT WORKSHOPS

12:30 - 3:30 PM  *Arizona State University Tours: Arboretum Harvest; Campus Solar; Net Zero
6-10 PM  *El Chorro Reception hosted by Arizona State University and GreenBiz
SUNDAY

1-4 PM Second Nature Steering Committee
   (Closed meeting) XAVIER ROOM

4:30-6:30 PM Check In Open POOLSIDE

5-7 PM Welcome Reception POOLSIDE

MONDAY

7 AM-3 PM Check In and Customer Service Open PALM BALLROOM FOYER

7-7:30AM Guided Morning Meditation POOLSIDE
   Robert Jonas, Founder and Director, The Empty Bell

7-8:30AM Breakfast COURTYARD

7-7:45AM Campus President’s Breakfast
   (Closed session) HARRY’S PLACE
   Dianne Harrison, President, California State University, Northridge

7-7:45AM Campus Sustainability Professionals Breakfast CLOISTER

8-8:20AM Welcoming Address PALM BALLROOM
   Ed Johnson, Chairman of the Board, Second Nature
   Tim Carter, President, Second Nature
   Mariko Silver, President, Bennington College

8:20-9:15AM Performance and Meditative Reflection PALM BALLROOM
   Robert Jonas, Founder and Director, The Empty Bell
   The Social Context for Climate Action:
   Faith and Environmental Equity
   Veerabhadran "V" Ramanathan, Distinguished Professor, Scripps
   Institution of Oceanography, UNESCO Professor of Climate and
   Policy, University of California at San Diego and TERI University,
   Delhi, India
   Vien Truong, Director, Green For All
   Robert Jonas, Founder and Director, The Empty Bell

9:15-9:30AM Exhibitor Hosted Coffee Break PALM BALLROOM
9:30-10:45AM Post-election Sector Alignment on Climate Leadership

David Orr, Paul Sears Distinguished Professor of Environmental Studies and Politics, Oberlin College
Nancy Sutley, Chief Sustainability and Economic Development Officer, Los Angeles Department of Water and Power
Steven Knapp, President, George Washington University

10:45-11AM Break

11AM-12PM Concurrent Sessions

Presidential Transitions and Maintaining Momentum

Jonathan Gibraltar, President, Wells College
Jacqueline Johnson, Chancellor, University of Minnesota, Morris
Paul Zingg, Former President, California State University-Chico

A key challenge in climate programs that have long time horizons, or any long-term commitment, is when a senior leadership transition takes place. Hear directly from three senior leaders about the opportunities and challenges presented by these transitions and specific steps taken to institutionalize the Climate Leadership Commitments. This session will be facilitated by GreenerU and is the first of a two-part discussion continuing in the afternoon.

Achieving Sustainability Goals and Empowering Teams with Intelligent Business Practices

Brice Kosnik, Chief Executive Officer, BuildPulse

Business goals do not have to be achieved at the expense of sustainable practices. BuildPulse introduces a solution for teams to increase their productivity and decrease their energy costs in parallel, with software that makes it easy to set, measure, and achieve goals with both aspects in mind. Campus case studies include UNH and Gonzaga.

On- or Off-Campus? Alone or Aggregated? Identifying Your Sweet-Spot for Large-Scale Renewable Energy Procurement

Wolfgang Bauer, University Distinguished Professor and Senior Consultant and Office of the Executive Vice President for Administrative Services, Michigan State University
Joe Higgins, Infrastructure Business Operations at the Office of the Executive Vice President & Treasurer, MA Institute of Technology
Gary Farha, CEO and President, CustomerFirst Renewables

This interactive and action-oriented session will help participants understand energy options and start identifying their sweet spot between on- and off-campus solutions as single off-taker, or as aggregated buyer in an off-taker group. Participants will be introduced to large-scale renewables options, case studies, and an online simulation tool.

11AM-12PM Maximizing University and Corporate Partnerships

John M. Dunn, President, Western Michigan University
Lee Rasch, President, Western Technical College
Shannon Havlik, Sustainability Manager, Environment, Organic Valley

Innovative partnerships with the corporate community can produce significant opportunities for students, faculty, and institutional programming so that campuses can meet their educational missions and climate action goals. Two presidents will describe strategies and lessons learned from their experiences engaging with corporate partners that share these institutional priorities.

MSI’s Working With Communities to Lead on Climate Action

Karen Magid, Director of Sustainability, Huston-Tillotson University
John W. Strybos, Associate Vice Chancellor of Facilities, Alamo Colleges

Learn from the experiences of others working to drive sustainability projects forward under challenging circumstances. Presenters will discuss successes, strategies, and processes at different types of institutions. Hear from Huston-Tillotson University about their campus sustainability projects, and from Alamo Colleges about Eco Centro, their leading community outreach center, and more.

12-1PM Networking Lunch

1-1:15PM Break

1:15-2:15PM Concurrent Sessions

Enhancing Sustainability Through Board and Presidential Leadership

James Mullen, President, Allegheny College
Dianne Harrison, President, California State University Northridge
Rebecca Eisen, Chair, Board of Trustees, California State University System
Christine Nelson, Allegheny College Trustee, Director and Senior Advisor, Cornerstone Research

Alignment between senior leaders and their respective Board of Trustees is important for significant progress to be made on climate action and sustainability priorities. This panel, comprised of presidents and trustees from a public university and a private college, will explore the dynamics of this relationship and how climate action fits within the other organizational priorities facing higher education institutions.

Concurrent Sessions continued on next page.
Maximizing the Effectiveness of Distributed Generation with Microgrid Energy Systems

Gabriel Paolotti, Applications Engineering Manager, Eaton
Justin Carron, Global Marketing and Strategic Initiatives, Eaton
Graham Richard, Chief Executive Officer, Advanced Energy Economy
Katrina Kelly, Manager, Strategy and Business Development, University of Pittsburgh

What microgrid configuration/components are optimal for specific power needs? Do you need prime generation or standby distributed generation assets and what types? What is the most economical way to power your microgrid while keeping it resilient? This session will explore these questions and help you understand feasibility, financial factors, and policy considerations behind microgrid development.

How to do More with Less and Quadruple Your Bottom Line

Elizabeth Kiss, President, Agnes Scott College
Steve Bright, CFO, Lynchburg College
Mark Walker, Knowledge Management and Technology Officer, Jesse Ball duPont Fund

This panel will discuss campus strategies for quadrupling the bottom line based on real strategies executed on two campuses. Including: revolving loan funds, energy purchasing consortiums, borrowing capital to finance high-impact, high-payback projects. They will discuss how it works with funders, including individual donors, to help finance sustainability work that both decreases the campus carbon footprint and energy costs.

Developing and Modernizing Energy Infrastructure Assets Using A P3 Approach

Alan Fish, Former Vice President for Facilities and Real Estate, John Hopkins University and University of Wisconsin-Madison
John Fleming, Vice President and General Manager, Performance Based Infrastructure Johnson Controls
Greg Smith, President and Chief Executive Officer, InstarAGF Asset Management Inc.
Mike Walters, Managing Director, MEP Associates

Higher educational institutions increasingly need flexible, sustainable and turnkey solutions for campus central utility systems. This session will highlight how the DBOOM development model, which is based on a risk transfer approach, can be effectively deployed to modernize and build new energy infrastructure. Participants include delivery specialists and university officials to explore both sides of the transaction.

Concurrent Sessions continued.

1:15-2:15PM

Presidents’ Collaboratory Presidential Transitions Strategy Work Session
David Adamian, Chief Executive Officer, GreenerU
Dallase Scott, Director of Change Management, GreenerU

As a follow-up from the “Maintaining Momentum” session, participants are encouraged to head to this session to sketch their ideas out for how their commitment to climate leadership will outlast their tenure. GreenerU will facilitate the collaborative and fast-paced session. Each participant will walk away with a cocktail napkin plan for institutionalizing sustainability by infusing it into the nuts and bolts of campus operations.

Concurrent Sessions continued.

2:15-2:45PM

Exhibitor Hosted Coffee Break

2:45-2:55PM

One Big Idea: Planning in Lockstep: Academics and Infrastructure Unite
Ginny Routhe, Sustainability Manager, Milwaukee Area Technical College

3:05-3:15PM

One Big Idea: WaterWorks@ ASU
Mick Dalrymple, Director, University Sustainability Practices, Arizona State University
JoEllen Alberhasky, Program Manager, University Sustainability Practices, Arizona State

3:15-4:30PM

America’s Future: Imminent Impacts and Pathways to Prosperity
Joel Makower, Chairman and Executive Editor, GreenBiz
Colonel Mark “Puck” Mykleby, United States Marine Corps Retired, Co-Director of the Strategic Innovation Lab at Case Western Reserve University
Alice Chamberlayne Hill, Research Fellow at the Hoover Institution, Former Special Assistant to the President and Senior Director for Resilience Policy, National Security Council
Meaghan Chapple, Director, Office of Sustainability, Senior Advisor on University Sustainability Initiatives, George Washington University

4:30-5PM

BOOK SIGNING

Co-Authors Joel Makower, Colonel Mark “Puck” Mykleby, Patrick Doherty

Off Property Dine Aroun

Attendees gather By Abbey Patio 15 minutes prior to departure. Second Nature staff will escort attendees to restaurants.
Tuesday February 14, 2017

7AM-3PM
Check In and Customer Service Open

PALM BALLROOM FOYER

7 -7:30AM
Guided Morning Meditation
Robert Jonas, Founder and Director, The Empty Bell

POOLSIDE

7-8:30AM
Breakfast

ABBEY SOUTH

7-8:15AM
Leadership: Women in Sustainability Breakast

HOSTED BY: CustomerFirst Renewables

Women are change agents; in every sector of the economy and government. Learn how we can support each other in becoming more strategic in climbing the organizational career ladder to effect greater change. Please join us for an hour of inspirational testimonials and lively discussion on what we can do to advance the current and coming generations in our professional growth.

Bonny Bentzin, Deputy Chief Sustainability Office, University of California, Los Angeles
Jaime Van Mourik, Director, Higher Education, US Green Building Council
Susanne Fratzcher, Director, CustomerFirst Renewables

OFFSITE EVENTS
These events occur during the course of regular Summit sessions. Please plan accordingly. Attendees will gather in the Hotel Lobby 15 minutes before the event start time, and will be guided to locations by volunteers.

8-9AM
Arizona State University Campus Sustainability Tour
Attendees of this campus tour may continue on to GreenBiz University or return to the Summit.
The Arizona State University Campus Sustainability Walking Tour will consist of the following highlights: an overview of ASU’s sustainability goals and initiatives, Wrigley Hall, a repurposed LEED-Silver-certified building, Campus Metabolism™, a kiosk for real-time energy consumption data, Orange Mall Pavilion PowerParasol system, Bicycle valet service, paired outdoor recycle bin system and Arboretum and Tree Campus USA designation.

8AM-12PM
GreenBiz University | ASU
GreenBiz University is an extension of the GreenBiz 17 conference. Through the Sustainability Solutions Festival, top sustainability leaders from GreenBiz’s event will come to the ASU campus and engage with students, faculty and the ASU community. Previous speakers include Dame Ellen MacArthur, Dr. James Hansen, and other distinguished guests. Complimentary continental breakfast will be served from 8-8:30am with the program beginning at 8:30am.

Off Campus Event, Attendees may depart from the Hotel Lobby, guided to event location by volunteers. Breakfast included.
**One Big Idea: Facing the Challenge of Sustainability: On the Edge of Closing the Loop**
PALM BALLROOM

Luke Spangeburg, Santa Fe Community College

**Connecting to Change the World:**
PALM BALLROOM

**The Future of the Climate Leadership Network**

Johanna Partin, Director, Carbon Neutral Cities Alliance, Urban Sustainability Directors Network

John Cleveland, President of the Innovation Network for Communities and Executive Director, Boston Green Ribbon Commission

Brendan Shane, Regional Director for North America, C40 Cities Climate Leadership Group

Tim Carter, President, Second Nature

**Beyond the Mirage: Water Security in the West and How to Engage Audiences through Film, Science and Social Media**

Cody Sheehy, Producer/Director, University of Arizona

Dave White, Senior Sustainability Scientist, Julie Ann Wrigley Global Institute of Sustainability, Arizona State University

This is a collaborative project between Arizona Public Media, the University of Arizona College of Agriculture and Life Sciences, and the Water Resources Research Center. Award-winning filmmaker Cody Sheehy reveals new technologies and challenges old ideas through interwoven stories that connect the Colorado snowpack to the bright lights of Las Vegas, and more.

**Carbon Neutrality by 2025 with the University of California System**

David Karlsgodt, Principal, Fovea

David Phillips, Assistant Vice President, Energy and Sustainability, University of California, Office of the President

The University of California’s ten campuses are answering President Janet Napolitano’s audacious goal of carbon neutrality by 2025. See and learn how the UC has reworked their climate action planning efforts, moving away from 200-page glossy reports to create an iterative modeling platform with visually rich planning dashboards to plan and track both campus-specific actions and system-wide initiatives.

**Engaging a Rural College in the Climate Leadership Network**

Linda Lujan, President Lamar Community College

Tom Jackson, Jr., President, Black Hills State University

The recent election highlighted the large differences in priorities between urban and rural communities. Higher education institutions with climate commitments in rural communities need to carefully consider their social context of their institutional actions to ensure long-term success, particularly with components of campus/ community engagement found in the Resilience Commitment. Hear from two presidents of rural institutions about how they find unique opportunities to engage within their local setting.

**Renewable Energy: Scaling the Solution to Fit the Financial and Climate Challenges**

Chris O’Brien, Edison Energy and American University

Jennifer Andrews, Project Director, University of New Hampshire

Meghan Zahniser, Executive Director, AASHE

Georges Dyer, Principal, Intentional Endowments Network

National trends and new reports suggest the time is right for scaling up renewable energy in higher education. Campuses are pursuing many strategies to achieve this, including “unbundled” RECs, on-campus renewables, and large-scale, long-term contracts. This panel will review these trends and provide examples of successful large-scale renewable energy strategies.

**Effectively Communicating Science in a Policy Era of Alternative Facts**

James Weinstein, Dan Cracchiolo Chair in Constitutional Law, Sandra Day O’Connor College of Law, Arizona State University

Lawrence Krauss, Foundation Professor, School of Earth and Space Exploration and Physics Department, Director, Origins Project, Arizona State University
**Concurrent Sessions**

**Admissions through Graduation — Engaging Students in Sustainability**
Mariko Silver, President, Bennington College
Bronte Payne, Clean Energy Associate, Environment America
Emilie Rex, Sustainability Consultant

**University Transportation Partnerships to Reduce Greenhouse Gases**
Wim Wiewel, President, Portland State University
Susan Anderson, Director, Portland Bureau of Planning and Sustainability
Ian Stude, Director of Parking and Transportation Services, Portland State University
Robert Liberty, Director, Institute for Sustainable Solutions and Urban Sustainability Accelerator, Portland State University

According to a 2016 U.S. Environmental Protection Agency report, about 33% of greenhouse gases in the U.S. come from private cars and light trucks. Learn how the Portland region’s largest university has reduced greenhouse gases from transportation while working closely with city government, regional transit agencies, developers, businesses, and nonprofit organizations.

**Climate Commitments and the SEED Center**
Debra Derr, President, Mt. Hood Community College

Many Climate Leadership Network institutions have presidential association affiliations, which can complement the signatory’s work if aligned. Presidents in this session will share their experience with the SEED Center, a program of the American Association of Community Colleges, which has served as a bridge between community college leaders and climate action programs.

**The 2026 Princeton University Sustainability Plan**
Shana Weber, Director, Office of Sustainability, Princeton University
Cyndi Rottenberg-Walker, Partner, Urban Strategies

Princeton University’s new Sustainability Plan is being coordinated with a new Strategic Plan, a Campus Plan and an Integrated Infrastructure Master Plan. This session will explore how it’s establishing “Impact Priorities”; measurable “Impact Indicators” and “Targets”; and interconnected and cross-disciplinary policies, practices, design strategies and technologies.
Wednesday
February 15, 2017

7-7:30AM
Guided Morning Meditation
Robert Jonas, Founder and Director, The Empty Bell
POOLSIDE

7-8:30AM
Breakfast
COURTYARD

7:15-7:45AM
Breakfast Briefs

7:15-7:45AM
Integrating On-site Water Reuse Strategies to Improve Campus Resiliency
Bob Salvitelli, Director of Sales, Sustainable Water
CLOISTER

Revolving drought, crumbling infrastructure and rising utility costs are causing Universities to evaluate the overall reliability of their water supply. Campus-scale water reclamation has become a nationally-recognized resiliency solution to address these challenges. This presentation will utilize the WaterHub® at Emory to illustrate the multiple benefits of campus-scale water reclamation.

7:45-8:45AM
How to Dramatically Reduce Your Schools Carbon Footprint – For Free!
Avery Michaelson, Founder and Chief Executive Officer, UCapture
JOSHUA TREE

UCapture is a rewards shopping platform that offsets users’ carbon footprint, for free, when they shop with 2000+ online partners. This is accomplished by using commissions from our partners to fund projects that reduce greenhouse gases — like methane capture, reforestation and renewable energy. UCapture works with schools to help them meet their carbon footprint objectives while saving their budget for other environmental or academic priorities. Through partnership, UCapture provides schools with verified Carbon Offsets which adhere to Second Nature’s Carbon Offset Guidance (reduce net carbon footprint calculations). UCapture is 100% free to use and implementation requires minimal resources. We look forward to customizing this environmental opportunity for your campus!

8:45-9:45AM
Visible Sustainability
Von Schafer, Director of Sales, East Coast, SmartFlower
OPEN AIR COURTYARD

With the 2017 North American launch of SmartFlower, colleges and universities have available to them for the first time a cost effective solar solution that also boldly presents a dynamic, beautiful and public statement about the importance schools and businesses place on sustainability and contribution to the reversal of climate change.

9:45-10:45AM
Using Automated Software to Address HVAC Inefficiency and Save Energy
Steven Horowitz, Director, Business Development, Optimum Energy
OPEN AIR COURTYARD

Join Optimum Energy for a conversation about how closed loop software-based HVAC Optimization can help you significantly reduce the energy and water your HVAC systems use. Steven will answer questions and share real world examples from schools like UT Austin, Columbia University and the University of Maryland.
8-10:30AM  CRUX Grant Project Meeting  
(Invite only)
Tim Carter, President, Second Nature
Brett Pasinella, Senior Manager of Innovative Services, Second Nature
This meeting is the formal kick-off event for the Climate Resilience in Urban Campuses + Communities (CRUX) project funded by the Kresge Foundation. Second Nature is coordinating with 6 campuses in 3 city ‘clusters’ (Los Angeles, Portland, and Phoenix) as they implement the first 2 years of the Climate Commitment.

8-9AM  Concurrent Sessions

Campus Transformation, Siemens and Algonquin College  
John Tattersall, Business Development, Building Performance and Sustainability, Siemens
Duane McNair, Vice President, Finance and Administration, Algonquin College
Siemens worked with Algonquin College to help them realize their sustainable growth goals using the Siemens Campus Transformation approach. It accelerates current plans and searches for new ideas, while blending traditional energy conservation with infrastructure improvements and more. Presenters will discuss how this process helped Algonquin College.

Understanding Renewables On Campus and Off: Purpose Process and Pitfalls
Lora Toothman, Project Manager, Solar Market Pathways Council of Independent Colleges in Virginia
Mark Porter, Business Renewables Center
The Business Renewables Centre will present the market standard transaction process for non-utility buyers, and facilitate the participants through the process and showcase existing BRC resources. Also learn from independent colleges in Virginia that are creating successful approaches and creating new tools, making solar more possible than ever.

Opportunities for Innovation at 2-Year Institutions
Greg Smith, President, Central Community College
Thomas Williams, Chief Sustainability Officer, Maricopa County Community College
The opportunity for educational innovation related to climate and sustainability at two-year institutions is strongly related to the demand from the innovation economy for technical employment. Learn about the opportunities from a 2-year president and system-level perspective on ways that innovative programs can drive progress and meet student learning outcomes.

8-9AM  Concurrent Sessions

Business Officer Perspectives:
Intersection of Finance, Energy Efficiency and the Environment
Morgan R. Olsen, Chief Financial Officer, Arizona State University
Wendell Brase, Associate Chancellor for Sustainability University of California Irvine
Amir Mohammad, Vice President for Finance and Administration, Slippery Rock University
Three experienced financial officers discuss how they have engaged campus leadership, peers and others to advance sustainability. These leaders have impressive results in their campuses reducing climate impact, improving overall energy efficiency and creating awareness with staff and students via strategic planning and innovative engagement with staff.

Meet Your Federal Friends:
Government Programs to Support Climate Action
Brendan Hall, Public Sector Program Manager, ENERGY STAR Commercial & Industrial Branch, U.S. Environmental Protection Agency
James Critchfield, Office of Air and Radiation, Energy Supply and Industry Branch, Green Power Partnership, U.S. Environmental Protection Agency
Sultan Latif, ORISE Fellow, U.S. Department of Energy
Hear about three important federal programs that have long been supporters of campus sustainability and climate action. Discover tools and resources provided at no cost through the Department of Energy’s Better Buildings Initiative, and the Environmental Protection Agency’s Energy Star and Green Power Partnership programs.

9-9:15AM  Break

9:15-10:15AM  Concurrent Sessions

Expanding The Pie: Leveraging Innovative Capital Sources to Increase On-Campus Sustainability Investments
Mark Orliowski, Founder, Sustainable Endowments Institute
John Hegman, Chief Financial Officer, Agnes Scott College
Harshul Banthia, Director, Sustainable Capital Advisors
This session will explore how institutions are funding critical sustainability and carbon-reduction projects without breaking existing budgets by activating endowment investment capital, borrowing from cash reserves, using green revolving funds, and engaging philanthropic capital. Presenters will highlight inspiring stories and offer guidance for how other institutions can apply on their campus.
Senior Leadership’s Role in Driving Innovative Curriculum to Address Global Challenges

Rita Hartung Cheng, President, Northern Arizona University
David Finegold, President, Chatham University

Curriculum is often considered just the purview of the faculty at an institution with little input provided from senior leadership. This session will discuss opportunities for senior leaders to be involved in curricular creation through tackling large-scale, global challenges like climate change. Hear how the institutional context at two different institution types provides varying levels of opportunity and constraint to develop these innovative approaches.

Big Actions, Bold Changes: Hampshire College’s Path to Carbon Neutrality

Jonathan Lash, President, Hampshire College
Stephen Roof, Dean of Natural Science, Hampshire College
Beth Hooker, Director of Food, Farm, and Sustainability, Hampshire College
Jason Jewhurst, AIA, Principal, Bruner/Cott Architects

Bold commitments lead to big changes. In this session, President Lash and a group of colleagues will discuss specific components of Hampshire College’s commitment to climate action and explain how they are connected to the “power, potential, and imperative of higher education’s role in shaping a sustainable society.”

How Resource Innovation and Solutions Pioneered on the ASU Campus is Growing a Worldwide Network

Dan O’Neill, Jr, General Manager of the Walton Global Sustainability Solutions Services, Arizona State University
Dr. Rajesh Buch, Director of Sustainability Practice for ASU International Development

This session covers how Arizona State University, in collaboration with the city of Phoenix, created the Resource Innovation and Solutions Network. Presenters will share how institutions can collaborate with cities and manufacturers to provide value for their region through new jobs, new businesses, reduced greenhouse gases and more efficient waste processes.

Advancing Climate and Sustainability Efforts with University of Arizona

Bob Smith, Vice President of University Planning/Design and Operations, University of Arizona
Ben Champion, Director of Office of Sustainability, University of Arizona

This session will discuss the University of Arizona Sustainability Programs and efforts across a range of operations, student engagement, curriculum and research. An update on our climate action planning and lessons learned will be covered.

Coffee Break

10:15-10:30AM


John Mandyck, Chief Sustainability Officer, United Technologies Corporation

10:40AM -12PM

Closing Session: Transforming Investing for a Climate Safe Future

Wim Wievel, President, Portland State University
Bob Litterman, Chair of Risk Committee, Kepos Capital; Chairman of the Board, Commonfund; Trustee World Wildlife Federation
Geeta Aiyer, President, Boston Common Asset Management; Trustee Sierra Club Foundation
Seren Pendleton-Knoll, Program Director, UC Berkeley Haas School of Business Center for Responsible Business

Concurrent Workshops

All workshops include lunch for attendees in their respective workshop rooms. Pre-registration online required.

Endowment Investing and Climate Goals

George Dyer, Intentional Endowments Network

Workshop:

This workshop brings together presidents, endowment staff, trustees, other key campus stakeholders, and experts in sustainable investing and non-profit governance to explore how college and universities, as investors, can support their mission and sustainability goals. Chatham House Rule will be used to ensure a confidential atmosphere. Participants will leave with actionable next steps.

Increasing the Value of Your Commitment Through Alignment with Institutional Mission

Ruby Woodside, Second Nature

This workshop will provide you with tools to better align your school’s climate action with strategic priorities. Participants will learn and practice a process of mapping executive leadership priorities and articulating how climate action contributes to these priorities. You will leave with strategies for increasing integration of and support for climate action within your institution.

Building Climate Resilience: A Planning Framework and Campus Assessment Workshop

William Siembieda, Professor of City and Regional Planning
California Polytechnic State University, San Luis Obispo
Margot McDonald, Professor and Department Head, Architecture California State University, San Luis Obispo
Mihir Parikh, LEED GREEN ASSOCIATE, Energy & Sustainability Specialist, CB&I
Brett Pasinella, Assistant Professor of City and Regional Planning
California State University, San Luis Obispo
William Siembieda, Professor of City and Regional Planning
California Polytechnic State University, San Luis Obispo

We’ll construct an index of key campus components that can be linked to forward-looking resiliency actions. Participants learn about conceptualizing resiliency in the campus context and utilizing the knowledge for practice baselines. Activities include an index-building and a gap analysis exercise for index improvement.

Concurrent Workshops continued on next page.
Beyond the Fuel Switch: Working with your Elephants Workshop

Jason Forney, Principal, Bruner/Cott
Jason Jewhurst, AIA, Principal, Bruner/Cott Architects
Bungane Mehlomakulu, Principal, Integral Group

This workshop will explore how to leverage existing building stock to continue transformational change on campus. Participants will examine challenges presented by different building types and work to balance sustainability, cost, and community support to develop solutions. Participants will learn to critically examine their own campuses for adaptive reuse opportunities.

CAMPUS TOURS  Pre-registration online required.

Attendees will depart from the Hotel Lobby, guided to ASU campus by volunteers. Attendees will have a communal lunch at Engrained followed by the breakout tour.

Arizona State University Arboretum Harvest Tour
This tour will offer an overview of the Arboretum’s Campus Harvest program, Campus Compost cycle and Grounds for Grounds programs, a walking tour of ASU’s edible landscape, use of biodiesel fuel for turf and landscape vehicles and equipment.

Arizona State University Net Zero Student Pavilion Tour
This group will tour the new student pavilion, the University’s first net zero energy building, which showcases both Climate Net Neutrality and sustainable building systems goals. A panel discussion with those involved in designing, constructing, and managing this facility will examine the process which allowed for a best ‘cradle to operational’ result.

Arizona State University Campus Solar Tour
This tour will discuss single axis tracking systems, examine a ballasted rooftop solar array, visually survey the Tempe campus solar power plants and newly installed NRG Solar Street Chargers. The architectural aspects of the Gammage Parkway PowerParasol® and Orange Mall and Cady Mall PowerParasols™ effects on pedestrian traffic, and the reduction of heat-islands through creative parking structure design will be discussed.

BUS DEPARTS
5:45PM

EL Chorro Reception
DESSERT BOTANICAL GARDENS

(Pre-registration required)

Hosted by Arizona State University and GreenBiz
Attendees gather in Ballroom foyer and depart by bus from the east parking lot promptly at 5:45pm

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