

Contact:

Katie Niederee – on behalf of Earth Day Dallas

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**EARTH DAY DALLAS: GREEN TALK SPEAKER SERIES
HALL OF STATE, FAIR PARK, APRIL 21-22**

The annual Earth Day Dallas (EarthDayDallas.org) festival in Fair Park on April 21 and 22 is hosting a wide array of speakers. See below for a full list of topics and speakers, followed by a short biography of each. For more information on the speaker series, visit www.earthdaydallas.org/category/event-type/green-talk-speaker-series.

Saturday, April 21, 2012

10:30-11 a.m.

Mrs. Laura W. Bush

Former first lady and founder of Taking Care of Texas

Presentation: *Taking Care of Texas*

11:30 a.m.-12:15 p.m.

R. James Woolsey

Chairman, Woolsey Partners LLC and Venture Partner, Lux Capital Management

Presentation: *Energy in the 21st Century: Could Muir, Patton, and Gandhi Agree on a Program?*

12:30-1:45 p.m.

Future of Sustainability in North Texas Panel

Moderated by **Amy Hofland**, director, Crow Collection of Asian Art

Mark Armentrout, president and CEO, Texas Technology Partners

Dr. Al Armendariz, administrator of Environmental Protection Agency's Region 6

Dr. Mike Slattery, director, Institute for Environmental Studies and professor in the School of Geology, Energy and the Environment, Texas Christian University

Steve Bourn, chief architect, Dallas Area Rapid Transit (DART)

2-2:45 p.m.

Prof. Robert B. Laughlin

Professor of physics and applied physics, Stanford University

Presentation: *Powering the Future*

3-3:45 p.m.

Dr. Andrew Dessler, Ph.D.

Professor of atmospheric sciences, Texas A&M University

Presentation: *The Alternative Reality of Climate Skeptics*

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Saturday, April 21, 2012

4-4:45 p.m.

Hon. Katherine Hammack

Assistant Secretary of the Army for Installations, Energy and Environment
Presentation: *Army Power and Energy as it Pertains to the Environment and Sustainability*

5-6 p.m.

Michio Kaku

Theoretical physicist, best-selling author and TV science host
Presentation: *The Next 20 Years: How Science Will Revolutionize the Future of Energy, the Environment and Our Lives*

Sunday, April 22, 2012

11-11:45 a.m.

W. Bruce Bullock

Director of Maguire Energy Institute, SMU Cox School of Business
Presentation: *Natural Gas: The Real Green Energy*

12:15-1:15 p.m.

Admiral Patrick M. Walsh

Commander, U.S. Pacific Fleet
Presentation: *Pacific Perspectives: Living in the Ring of Fire*

1:45-2:30 p.m.

Andrea B. Thomas

Senior vice president of sustainability for Walmart Stores, Inc.
Presentation: *Think Big: Set Crazy Goals and Work Each Day to Achieve Them*

3:15-3:45 p.m.

Guest Appearance

Senator Kay Bailey Hutchison

U.S. senator, Texas

4-5 p.m.

Water Panel

Moderated by **Amy Hofland**, director, Crow Collection of Asian Art
Commissioner Todd Staples, 11th district, Texas Department of Agriculture
William B. Rogers, president and CEO, the Trust for Public Land
Janice Bezanson, executive director, Texas Conservation Alliance

5:30-6 p.m.

Closing Remarks

Dallas Mayor Mike Rawlings and **Trammell S. Crow**

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Speakers

Mrs. Laura W. Bush

Former first lady and founder of Taking Care of Texas

Presentation: *Taking Care of Texas*

Former First Lady Laura Bush is actively involved in issues of national and global concern, with a particular emphasis on education, health care, human rights and the preservation of our nation's heritage. A hiking and outdoors enthusiast, Mrs. Bush encourages Americans to spend time in and care for our National Parks. As Honorary Chair of the National Park Foundation, she visited more than 30 National Parks and Historic Sites throughout the United States and spotlighted the glories and needs of the parks. In 2006, Mrs. Bush announced President Bush's designation of the largest single area dedicated to conservation in the history of the United States, the Northwestern Hawaiian Islands Marine National Monument.

Mrs. Bush continues to encourage Americans to appreciate and protect our country's national treasures and natural wonders. In July 2011, Mrs. Bush announced the creation of Taking Care of Texas, a statewide initiative to spur conservation efforts that benefit communities, build on the success of others, and inspire all Texans to join in. President and Mrs. Bush support native prairie restoration efforts and the education of Texans about the importance of conserving our state's resources. The George W. Bush Presidential Center, under construction in Dallas, will feature a 14-acre native prairie landscape.

<http://www.laurawbush.com/>

<http://www.takingcareoftexas.org/>

R. James Woolsey

Chairman, Woolsey Partners LLC and Venture Partner, Lux Capital Management

Presentation: *Energy in the 21st Century: Could Muir, Patton, and Gandhi Agree on a Program?*

R. James Woolsey chairs the board of the Foundation for Defense of Democracies and is a senior fellow at Yale University's Jackson Institute for Global Affairs. He previously served in the U.S. Government on five different occasions, where he held presidential appointments in two Republican administrations, most recently from 1993 to 2005 as the Director of Central Intelligence. He currently serves on a range of government, corporate and nonprofit advisory boards, where he specializes in a range of alternative energy and security issues.

<http://www.earthdaydallas.org/schedule/mr-r-james-woolsey>

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Mark Armentrout

President and CEO, Texas Technology Partners

Future of Sustainability in North Texas Panel

Mark Armentrout has 30 years of experience in electricity, information, technology, oil and gas, renewables and banking. He is also the managing director of the Texas Institute, an independent nonprofit institute of technology research, located at the University of Texas at Dallas.

Mr. Armentrout also serves the community on a number of boards, including Big Brothers Big Sisters of North Texas, the UTD Erik Jonsson School of Engineering and Computer Science Industrial Advisory Board, the TCU Science and Engineering Department, the UNT Information Technology and Decision Sciences Advisory Board. He is also an advisory board member for Serenity High School. While in Alaska in the 1990s, Mr. Armentrout was instrumental in working with the Governor's office as well as native and industrial groups to bring the Internet to schools in the Alaskan bush. He is a member of IEEE.

www.texasinstitute.org

Dr. Al Armendariz

Administrator of Environmental Protection Agency's Region 6

Future of Sustainability in North Texas Panel

Dr. Al Armendariz has brought a deep commitment to environmental issues to his work at EPA. He has made working with communities a priority across the region, frequently engaging directly with those most vulnerable to harm from polluters. This was especially evident during the EPA's response to 2010's Gulf of Mexico oil spill, during which he worked tirelessly with area residents, local governments and community groups.

His passion for working with communities mirrors Administrator Jackson's priority of working for environmental justice. He has led the region's efforts in assessing resident concerns in Port Arthur, Texas, a heavily industrialized area near the Gulf Coast and one of the EPA's 10 environmental justice showcase communities. He has also forged similar ties in Mossville, Louisiana, and other areas where families live and work near industrial polluters. As he continues his tenure, he brings the same passion to the region's work on air quality, wetlands protection, climate change and other environmental goals.

<http://www.epa.gov/aboutepa/region6ra.html>

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Dr. Mike Slattery

Director, Institute for Environmental Studies and professor in the School of Geology, Energy and the Environment, Texas Christian University

Future of Sustainability in North Texas Panel

Dr. Mike Slattery is director of the Institute for Environmental Studies and professor in the School of Geology, Energy and the Environment at Texas Christian University. Originally from South Africa, Dr. Slattery is an internationally trained geographer and environmental scientist. He holds a BA (Hons) from the University of Witwatersrand, Johannesburg; a M.Sc. from the University of Toronto, Canada; and a D.Phil from the University of Oxford, England. In 2007, he testified before the U.S. Congress on mercury contamination from coal-fired power plants, and, since 2008, he has been the lead scientist on the TCU-Oxford-NextEra Energy Wind Research Initiative, a multimillion dollar research grant focused on the environmental impacts of large-scale wind projects. He also serves on the editorial board of the *Annals of the Association of American Geographers* and on the executive research boards of the Texas Institute and the Botanical Research Institute of Texas.

Dr. Slattery has worked in diverse landscapes ranging from the Namib Desert in southern Africa to the cloud forests of Costa Rica. In 2008, he helped establish a research station and several biodiversity and conservation programs in Costa Rica, including a Green Macaw Protection Initiative. His research expertise is on human impact on the environment, especially river systems and renewable energy technologies, and he teaches courses on the environment, soils, hydrology and climate.

<http://www.texasinstitute.org/about-us/advisory-board/item/dr-mike-slattery.html>

Steve Bourn

Chief architect, Dallas Area Rapid Transit (DART)

Future of Sustainability in North Texas Panel

DART's Steve Bourn has a unique background encompassing both architecture and the fine arts. Bourn has been with DART for four years, during which time his engineer's precision and artist's passion have served him – and the agency – well. Fittingly, he has overseen the agency's Station Art & Design Program, and today he serves as chief architect.

Mr. Bourn's most recent accomplishment was the award-winning conversion of Monroe Shops – an historical, long-mothballed structure that today serves as the headquarters for DART Police. The environmentally friendly project earned LEED (Leadership in Energy and Environmental Design) Platinum Certification – the highest rating – from the U.S. Green Building Council. Monroe Shops is the first publicly owned building listed on the National Register of Historic Places to achieve that honor.

<http://www.earthdaydallas.org/schedule/mr-steve-bourn>

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Prof. Robert B. Laughlin

Professor of physics and applied physics, Stanford University

Presentation: *Powering the Future*

Prof. Robert B. Laughlin's current research is primarily high-temperature superconductivity theory. Recent work includes model studies of doped Mott insulators, computation spectroscopic quantities – optical conductivity, magnetic susceptibility, photoemission – from first principles and development of new mathematical methods based on the fractional quantum Hall effect. These include the use of condensed matter lattice gauge theories, the use of quasiparticles carrying fractional quantum numbers and the application of conventional Feynman rules to systems containing both. Other interests include the theory of metals, localization and quantum chaos.

http://www.stanford.edu/dept/physics/people/faculty/laughlin_robert.html

Dr. Andrew Dessler, Ph. D

Professor of atmospheric sciences, Texas A&M University

Presentation: *The Alternative Reality of Climate Skeptics*

Dr. Andrew Dessler is a climate scientist who studies both the science and politics of climate change. His scientific research revolves around climate feedbacks and, in particular, how water vapor and clouds act to amplify warming from the carbon dioxide that humans emit. During the last year of the Clinton Administration, he served as a senior policy analyst in the White House Office of Science and Technology Policy. Based on his research and policy experience, he has authored two books on climate change: *The Science and Politics of Global Climate Change: A Guide to the Debate* (Cambridge University Press, 2006, 2010, co-written with Edward Parson), and *Introduction to Modern Climate Change* (Cambridge University Press, 2011). Prior to his work on climate, his research focused on stratospheric ozone depletion.

<http://atmo.tamu.edu/profile/ADessler>

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The Honorable Katherine Hammack

Assistant Secretary of the Army for Installations, Energy and Environment

Presentation: *Army Power and Energy as it Pertains to the Environment and Sustainability*

Ms. Katherine Hammack was appointed as the Assistant Secretary of the Army for Installations, Energy and Environment (ASA IE&E) by President Obama on June 28, 2010. She is the primary advisor to the Secretary of the Army and Chief of Staff of the Army on all Army matters related to installation policy, oversight and coordination of energy security and management. She is also responsible for policy and oversight of sustainability and environmental initiatives; resource management including design, military construction, operations and maintenance; base realignment and closure (BRAC); privatization of Army family housing, lodging, real estate, utilities; and the Army's installations safety and occupational health programs.

Ms. Hammack has over 30 years of experience in energy and sustainability advisory services. She has experience in the evaluation of energy conservation projects, including ventilation upgrades, air distribution, indoor air quality, lighting efficiency, cogeneration, sustainable design, solar energy and building operation.

<http://www.asaie.army.mil/Public/IE/bios/>

Dr. Michio Kaku

Theoretical physicist, best-selling author and TV science host

Presentation: *The Next 20 Years: How Science Will Revolutionize the Future of Energy, the Environment and our Lives*

Dr. Michio Kaku is one of the most widely recognized figures in science in the world today. He is an internationally recognized authority in two areas. The first is Einstein's unified field theory, which Dr. Kaku is attempting to complete. The other is to predict trends affecting business, commerce and finance based on the latest research in science.

Dr. Kaku holds the Henry Semat Chair in Theoretical Physics at the City University of New York. He graduated from Harvard University in 1968 (summa cum laude and first in his physics class). He received his Ph.D. in physics from the University of California at Berkeley in 1972 and been a professor at CUNY for almost 30 years. He has taught at Harvard and Princeton as well. His goal is to complete Einstein's dream of a "theory of everything," to derive an equation, perhaps no more than one inch long, which will summarize all the physical laws of the universe. He is the co-founder of string theory, a major branch of string theory, which is the leading candidate today for the theory of everything. His Ph.D. level textbooks are required reading at many of the world's leading physics laboratories.

<http://mkaku.org/>

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W. Bruce Bullock

Director of Maguire Energy Institute SMU Cox School of Business

Presentation: *Natural Gas: The Real Green Energy*

W. Bruce Bullock has served as director of the Maguire Energy Institute since May 2007. Since his arrival, Mr. Bullock has steered the Institute's energy education programs, energy policy and economics, and prepared students for careers in energy.

Under his leadership, the Institute has implemented a new energy finance concentration within the Cox School's MBA program, restarted the school's Frank Pitts energy lecture series and grown the school's student energy organizations to the largest and most active organizations on campus. In 2009, the Institute brought on the distinguished economist Dr. Bud Weinstein as associate director to assist in the development of the Institute's policy and research capabilities. In 2010, the Institute partnered with the George W. Bush Institute in hosting Natural Gas Nation, a conference exploring the huge potential of domestic natural gas as an energy source. The Institute also started the L. Frank Pitts Energy Leadership Award, which recognizes outstanding leadership in the energy industry.

<http://www.smu.edu/News/Experts/Bruce-Bullock>

Admiral Patrick Walsh

Commander, U.S. Pacific Fleet

Presentation: *Pacific Perspectives: Living in the Ring of Fire*

Admiral Patrick M. Walsh graduated with honors from Jesuit College Preparatory in Dallas, Texas, and received both the Distinguished Graduate and Distinguished Alumnus awards. He graduated from the United States Naval Academy in 1977 with a Bachelor of Science degree.

In addition to numerous commanding posts, Admiral Walsh has been a special assistant to the director of the Office of Management and Budget as a White House Fellow. He chaired the Department of Leadership, Ethics and Law at the U.S. Naval Academy, served as the executive assistant to the Chief of Naval Personnel and reported to the Joint Staff for his first flag assignment as the Deputy Director for Strategy and Policy (J-5). He also served concurrently as director, Navy Quadrennial Defense Review, and director, Navy Programming Division. He attended graduate studies in the International Relations curriculum at the Fletcher School of Law and Diplomacy, Tufts University, as part of the Admiral Arthur S. Moreau Scholarship Program. Walsh graduated first in his class and received a Master of Arts in Law and Diplomacy, entered the Doctoral program with distinction and subsequently received a Ph.D.

<http://www.navy.mil/navydata/bios/navybio.asp?bioID=295>

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Andrea B. Thomas

Senior Vice President of Sustainability for Walmart Stores, Inc.

Presentation: *Think Big: Set Crazy Goals and Work Each Day to Achieve Them*

Being an efficient and profitable business and being a good steward of the environment are important to Walmart. The company has set the following simple and straightforward environmental goals: to be supplied 100 percent by renewable energy; to create zero waste; and to sell products that sustain people and the environment. Ms. Thomas and her team are responsible for working across the company and with external stakeholders to accomplish these aggressive goals. Before assuming this role in 2010, she had roles in merchandising and marketing, working on private brands and sourcing for Walmart.

Prior to joining Walmart in October 2007, Ms. Thomas was vice president, global innovation of The Hershey Company. In this role, she was responsible for platform innovation for the Hershey's portfolio of global brands. Previously, Thomas spent 13 years at PepsiCo, where she worked in brand management, innovation and retail marketing.

<http://www.earthdaydallas.org/schedule/mrs-andrea-thomas>

Senator Kay Bailey Hutchison

U.S. senator, Texas

Guest Appearance

In 1993, Texans elected Kay Bailey Hutchison to the United States Senate in a special election, making her the first – and, to date, the only – woman elected to represent the state in the Senate. One year later, she was reelected to a full six-year term. And in 2000, more than four million Texans voted for her reelection to a second full term – no other Texas candidate has ever captured more votes. In 2006, she was again reelected by an overwhelming margin. She serves in the Senate leadership, having been elected by her colleagues to be chairperson of the Republican Policy Committee in the 110th Congress, making her the fourth-highest ranking Republican senator.

Senator Hutchison was instrumental in establishing The Academy of Medicine, Engineering and Science of Texas (TAMEST). It is the centerpiece of her effort to support research and development while promoting Texas as a science state. In the 109th Congress, Senator Hutchison assumed the chairmanship of the Science and Space Subcommittee of the Commerce Committee, overseeing NASA and the National Science Foundation. In December 2005, the president signed into law the Senator's five-year blueprint for NASA's exploration and research initiatives.

<http://hutchison.senate.gov/>

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Commissioner Todd Staples

Texas Commissioner of Agriculture, 11th district

Water Panel

Commissioner Staples believes the free enterprise system and individual responsibility are the keys to prosperity for Texas. As leader of the Texas Department of Agriculture, Commissioner Staples is diligent in his efforts to support private sector job creation and economic development across the Lone Star State; improve consumer protection from the grocery store to the gas pump; lead true eminent domain reform in Texas; and play an enormous role in continuing to improve the healthy lifestyles of young Texans.

He is also focused on the promotion of agricultural products and businesses using the GO TEXAN marketing program, and has expanded trade opportunities for Texas producers. Commissioner Staples has accomplished these priorities with a philosophy that puts family and taxpayer interests first while also focusing on efficiency.

<http://texasagriculture.gov/>

William B. Rogers

President and CEO, the Trust for Public Land

Water Panel

William B. Rogers is President and CEO of the Trust for Public Land (TPL), a national nonprofit that conserves land for people to enjoy as parks, playgrounds, community gardens, farms, historic places and wilderness. Whether recycling brownfields for new urban parks or playgrounds or conserving remote and inspirational wildlands, TPL brings a market-based approach to its mission of protecting the places that inspire us and where people can connect with the natural world and with each other.

Mr. Rogers is a nationally recognized advocate for land conservation and has given major addresses or interviews to the Urban Land Institute, the National Smart Growth Conference, the National Brownfields Conference and Talk of the Nation, among others. Before joining TPL, Mr. Rogers managed infill urban redevelopment projects for a Chicago-based real estate development company, overseeing both new construction and the rehabilitation of vacant industrial buildings for commercial, office and residential use. Before becoming a developer and then an "undeveloper," Mr. Rogers was a commercial beekeeper, founding and managing a commercial honey production company in Bogotá, Colombia.

<http://www.tpl.org/about/will-rogers.html>

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Janice Bezanson

Executive Director, Texas Conservation Alliance

Water Panel

Janice Bezanson's 25 years of experience in conservation has given her countless opportunities to protect rivers, forests, and water resources. Since starting as a volunteer with Texas Conservation Alliance (TCA) in 1982, pressing for wilderness areas in Texas' national forests, she has successfully campaigned for creating national wildlife refuges, increased funding for state parks and improved forest management on public lands. Her efforts have led to public protection of more than 100,000 acres.

Ms. Bezanson served on Texas Conservation Alliance's board, including two years as chairman, before joining the staff. She has helped build TCA's alliance of 49 member organizations, which includes hunters, anglers and other outdoorsmen, as well as landowner groups, land trusts, education programs and conservation advocacy organizations.

<http://www.tconr.org/>

Mayor Mike Rawlings

City of Dallas Mayor

Closing Remarks

Elected Mayor in June 2011, Mike Rawlings brings three decades of high-level business and civic leadership to Dallas City Hall. He has served as CEO of Tracy-Locke, president and chief concept officer of Pizza Hut and managing partner of CIC Partners. In addition to his vast business experience, over the past three decades Mayor Rawlings has served as a volunteer leader with a proven record of tackling some of Dallas' toughest challenges. As the Homeless Czar for five years, he oversaw the construction and opening of The Bridge, which is the cornerstone of Dallas' long-term plan to help the homeless and clean up downtown. As chair of the Dallas Convention and Visitors Bureau in 2006 and 2007, Mayor Rawlings worked to bring in new tax revenue from visitors, relieving the burden to homeowners. And while serving as President of the Dallas Park & Recreation Board, he fostered public-private partnerships, securing private funding to support basic services and start a new youth health initiative.

<http://www.dallascityhall.com/government/mayor/mayor.html>

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Trammell S. Crow

Founder of Earth Day Dallas

Closing Remarks

Trammell S. Crow founded Earth Day Dallas in September 2010. As a native and resident of Dallas, Mr. Crow has been a longtime environmentalist, advocating for heightened awareness and conservation efforts in Texas. He has been a member of Republicans for Environmental Protection (REP) since 2004 and has served on its Board of Directors since 2006. At REP's 2007 Republican Environmental Leadership Conference, Mr. Crow was honored with the Green Elephant Award for Citizen Achievement.

Mr. Crow is also active in numerous education and business activities, including serving as co-chair for the Texas Business for Clean Air and the Trammell and Margaret Crow Collection of Asian Art. A father of four children, he received a bachelor's degree in economics from Yale University.

About Earth Day Dallas

Earth Day Dallas begins April 21, 2012, with a two-day festival at Fair Park. Events will focus on entertaining, inspiring and educating North Texans with various ways to think, work and live green by showcasing emerging green technology, providing eco-friendly family activities, presenting enlightening lectures from environmental leaders, hosting a variety of musical acts and much more. Find out more at EarthDayDallas.org, follow us on Twitter at [@EarthDayDallas](https://twitter.com/EarthDayDallas) or visit our [Facebook page](#).

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