Nov. 21, 2011 – Marcilynn A. Burke, a University of Houston Law Center professor on leave while serving at the U.S. Department of the Interior, gave students a glimpse of the agency’s current initiative to create a new energy frontier as a guest lecturer today at the Law Center. The event was sponsored by the Environment, Energy and Natural Resources Center.

“America spends hundreds of billions of dollars each year to buy the oil which fuels our economy,” said Burke, acting Assistant Secretary for Land and Minerals Management. “As part of securing our energy future, we must move toward a clean-energy economy. The new energy frontier is one that responsibly develops not only conventional but also renewable resources on America’s public lands.”

According to Burke, the Interior Department is facilitating environmentally appropriate renewable-energy projects involving solar, geothermal, biofuels and hydropower, wind and waves.

One of the agency’s new endeavors focuses on harnessing wind from the Atlantic Ocean. The Bureau of Ocean Energy Management, Regulation and Enforcement manages the Outer Continental Shelf which is 1.7 billion acres of federal-offshore lands with enormous wind-energy potential. BOEMRE has granted the first-ever exploratory leases for wind-energy production and has established a framework for offshore renewable energy development.

“We will continue to develop our country’s conventional resources while building a clean-energy economy,” Burke said. “This is how we move toward energy independence.”

As an associate professor at the Law Center, Burke has taught courses on property, land use and management, and natural resources.

December 2011

2  EPA Lab Tour with GreenUH | Sustainability Roundtable
   Come see audits of environmental monitoring laboratories and public water supply laboratories, as well as
   overseeing accreditation of Region 6. Deadline is December 1. RSVP to Michael at nmnguye7@central.uh.edu

3  Urban Harvest Farmers Market Citrus Festival

4  Planting @ Campus Community Garden 12-2pm

5  Outdoor Adventure Lake Day
   University of Houston OUTDOOR ADVENTURE : www.uhrecreation.com
   For further Information call 713-743-0808 or email cwells@uh.edu

9  Sustainability Taskforce Meeting
   9-11 AM - E Cullen Conference Rm 226
   Questions email lwolftha@central.uh.edu

interested in getting INVOLVED

EMAIL volunteer.greenuh@gmail.com TO SIGN UP
GREEN COURSES IN SUSTAINABILITY

ARCHITECTURE


BIOLOGY

BIOL 4206 Ecology and Evolution Laboratory Field and laboratory exercises illustrating concepts in evolution, economy, and animal behavior.

BIOL 4368 Ecology Current concepts of the interrelationships between organisms and the environment

CIVIL ENGINEERING

CIVE 6391 Environmental Engineering Microbiology Fundamental aspects of microbiology and biochemistry as related to environmental pollution and water quality processes, engineering energetics and kinetics of microbial growth, and biological fate of pollutants.

CIVE 6322 Stormwater Management Detention pond analysis and design, stormwater analysis and management alternatives, governmental criteria, and computer programs.

CIVE 6361 Engineering Hydrology Distribution and flow of water in the hydrosphere. Engineering methods to quantify and model rainfall, runoff, recharge, and groundwater flow. Conceptual models and application of computer methods for hydrological analysis and design problems.

CIVE 6388 Hazardous Waste Processes Physical and chemical principles of solid and hazardous waste treatment processes; mass conservation equations, transport phenomena, phase equilibria, fluid flow in porous media with applications to soil vapor extraction, soil vapor extraction, soil leaching/flushing, stabilization, and bioremediation processes.

CIVE 3331 Environmental Engineering Introduction to air, water, and environmental pollutants, and concepts of design for treatment.

CONSTRUCTION MANAGEMENT

CNST 6380 Lead & Green Construction Principles in Const Management Green construction methods and benefits in applying the Ledarship in Energy and Environmental Design (LEED) principles

CURRICULUM AND INSTRUCTION

CUIN 4305 Teaching Environmental Education Curricula, methods, and materials for K-12 environmental education.

ELECTRICAL, COMPUTER ENGINEERING

ECE 6397 Selected Topics (Solar Cells)

ECONOMICS

ECON 6345 Energy Economics

ENGLISH

ENGL 3396 Selected Topics (Writ. Eco-City: Focus Houston)

GEOLOGY

GEO 3340 Earth Systems Earth’s dynamic systems emphasizing the interactions among the atmosphere, hydrosphere and lithosphere. Includes the processes by which the earth was formed and continues to be modified as well as how humans affect and are affected by those processes.

GEOLOGY CONTINES

GEOL 3333 Earth Resources Mineral and energy resources of the planet Earth; their origin and discovery, Environmental impact of their exploitation; future prospects.

GEOL 3342 Introduction to Air Pollution Structure of the atmosphere, anthropogenic and natural emissions of pollutant precursors, meteorological influences on pollutant transport and diffusion, chemical transformations, and health effects of pollution.

GEOL 3377 Oceanography Introduction to the world’s oceans and oceanic processes.

LAW

LAW - Env'l, Energy, & Policy Law Jnl The Journal publishes two issues a year. One issue includes feature articles, casenotes and comments concerning current issues dealing with energy and the environment. The second issue includes topical articles drawn from our annual symposium. Both publications include articles covering recent developments that provide brief and timely discussions on interesting cases, administrative actions, publications, and events.

LAW 5216 Clean Water Act Lean the structure and regulatory scheme of the federal Clean Water Act. Examine activities and entities regulated, means of regulation and enforcement, significant interpretive court cases, and current developments and evolving issues.

LAW 5397 Selected Topics (Climate Change Law) This course will focus on the foundations, options and challenges to the use of environmental law to address climate change and to determine the obligations or liability of parties allegedly contributing to it. We will review the current state of knowledge about the science underlying climate change findings and predictions, examine how environmental and tort laws have adapted to address earlier novel environmental threats and risks, explore the fast-growing network of international agreements, federal regulations and state laws that govern emissions of greenhouse gases or attempt to prepare for climate change effects, and assess how courts have responded to climate lawsuits and their specific legal challenges and evidentiary. Our examination will center on a practical examination of how this new field of law will affect real-world legal policies, permitting lawsuits, and transactions.

LAW 6221 Environmental Enforcement This course will focus on how agencies and courts enforce environmental laws and the critical role that enforcement plays in assuring compliance and protecting the environment. We will review the principles of civil and criminal liability under environmental laws, assess ways to design effective environmental regulations, examine how federal and state agencies use these tools, and craft techniques to help clients minimize their potential liability. Our examination will center on practical strategies to manage these liabilities particularly in regard to CERCLA, RCRA and the Clean Water Act. This course will use a combination of lectures, class discussions, in-class exercises and sample problems, and case studies. We will use role-playing exercises to give students experience in real-life enforcement negotiations and prosecutions.

LAW 6362 Natural Resources Law Natural Resources Law is the body of legal rules and processes that govern the human use, management, and protection of nature. In this course, we will survey the history of resource acquisition and management, as well as current mechanisms for the management, use, and preservation of natural resources, including wildlife, wilderness, rivers, national parks, and energy. Among other issues, we will consider the history, jurisdiction, and authority of land management agencies and various statutes such as the Endangered Species Act, the National Environmental Policy Act, and the Federal Land Policy Management Act. Throughout our study of these doctrinal issues, we will also consider competing ideas about how and why natural resources should be valued, used, and conserved.

LAW 7333 Seminar: Energy, Law & Policy Students may choose a topic on any issue related to energy, resources, and the environment...The seminar requires that students submit key stages of the research on a defined timetable of deadlines...The class meets weekly and focuses on research techniques in the first weeks. Class readings cover general energy issues of the day, but are kept light so that students can focus on their
Recipe of the Week

Roasted Acorn Squash, Pomegranate and Arugula Salad

Ingredients
- 2 tablespoons olive oil, divided
- 2 teaspoons sherry vinegar
- 1 shallot, cut into thin slices
- 1/2 large acorn squash (about 18 ounces), peeled, halved, seeds removed, cut into 1 inch wedges
- 2 cloves garlic
- 2 spring thyme
- 4 cups wild arugula
- 1 tablespoon pomegranate seeds
- 1 tablespoon toasted pine nuts

Directions
- Preheat oven to 350F.
- Toss acorn squash with 1 tablespoon oil, garlic cloves, and thyme. Season with salt and pepper.
- Place contents of bowl on baking sheet and put in center rack of oven. Cook until squash is tender and edges begin to caramelize, approx 15 minutes.
- Remove from oven and set aside.
- To make vinaigrette: place vinegar in small mixing bowl; while whisking, slowly pour in remaining 1 tablespoon of oil to emulsify. Add shallots and season to taste.
- To assemble: In large mixing bowl, toss arugula with vinaigrette and pomegranate seeds.
- Place arugula on four serving plates, divide the squash among the plates and tuck them in between the leaves. Garnish with the toasted pine nuts.

Nutrition Facts:
- Calories 140, Total fat 8g, Saturated fat 1g, Cholesterol 0mg, Sodium 220mg, Total carb 17g, Dietary fiber 5g, Sugar 4g, Protein 2g

http://www.nbc.com/the-biggest-loser/exclusives/nutrition/curtis-stone-recipes/