



A NEW ENERGY
FOR A NEW DAY

The National Energy and CAREEREXPO

November 18th, 2009



An Introduction to the

Department of Energy

National Energy and CareerEXPO

Updated

October 21, 2009



About the CAREEREXPO

The **CAREEREXPO** is designed to provide high school and college students, faculty and community leaders with the opportunity to engage in hands on demonstrations and interact with corporate recruiters and DOE staff to find the right career path, right now.

Individual question and answer sessions will be held for students, faculty and community leaders who want to learn more about the cutting-edge research and full-time career opportunities that exist both at the Department of Energy and the corporate partners that will be in attendance.

Learn about research opportunities, graduate scholarships and how you can partner with the DOE on a variety of new programs and initiatives in the fields of energy, science and emerging green technologies.

All are welcome and encouraged to attend. Space is limited but we encourage all to [register](#) for the event and be ready for a full day of learning and networking.

For more information about the **CAREEREXPO**, visit:
<http://humancapital.doe.gov/nationalenergyexpo/index.html>

Schedule of Events

Morning

	Students	Faculty	Community Leaders
	<p><u>Program Notes for Students:</u></p> <p>No matter what your major, there's an opportunity for you at DOE.</p> <p>At these sessions, attendees will learn about student programs, graduate scholarships and full-time employment opportunities.</p> <p>They'll see hands on demonstrations and hear about some of the Department's cutting-edge research from its leading scientists.</p>	<p><u>Program Notes for Faculty:</u></p> <p>This year the department announced that more than \$1.5 billion was given to colleges and universities to partner in its research opportunities.</p> <p>Attendees at this session will learn about research opportunities and get advice on how to partner with the Department on its initiatives.</p>	<p><u>Program Notes for Community Leaders:</u></p> <p>The US Department of Energy is not only home to some of our nation's most cutting edge research, its work creates industries.</p> <p>At this session, attendees will learn about the DOE's initiatives and accomplishments.</p> <p>They'll also learn about the Department's work in our communities and how to get involved</p>
8:00 a.m.	Registration opens		
9:00 a.m.			<ul style="list-style-type: none"> • Welcome "A New Energy for a New Day"
9:45 a.m.			<ul style="list-style-type: none"> • "DOE not just Energy"
10:30 a.m.	CAREEREXPO Opens		
11:00 a.m.	<p>Students are encouraged to visit the CAREEREXPO at their leisure.</p>		<ul style="list-style-type: none"> • "DOE in Your Community"
11:30 a.m.	<p>High School: Luncheon College: Boxed Lunches Available</p> <p>"Introduction to the Energy Industry" Scientific Innovations</p> <p>A live demonstration of DOE research and innovation</p>		<p>Community Leaders are encouraged to visit the CAREEREXPO at their leisure.</p>

Afternoon / Evening

	Students	Faculty	Community Leaders
Noon	"Introduction to the Energy Industry" Scientific Innovations (continues)	Faculty are encouraged to visit the CAREEREXPO at their leisure.	<ul style="list-style-type: none"> • Luncheon: "Greening Our Communities"
1:00 – 2:00 p.m.	Concurrent Sessions - Choose one session for each time. Note: College Students are also encouraged to visit the CAREEREXPO at their leisure. <ul style="list-style-type: none"> • Working for the DOE? • Scientific Innovation • Energy Opportunities • Business of Energy 	<ul style="list-style-type: none"> • Collaborating with the DOE and DOE Labs 	Community Leaders are encouraged to visit the CAREEREXPO at their leisure.
2:05 – 3:05 p.m.	<ul style="list-style-type: none"> • Working for the DOE? • Scientific Innovation • Energy Opportunities • Business of Energy 	<ul style="list-style-type: none"> • Grants, Small Business Innovation Research and Subcontracts 	
3:10 – 4:10 p.m.	<ul style="list-style-type: none"> • Working for the DOE? • Scientific Innovation • Energy Opportunities • Business of Energy 	<ul style="list-style-type: none"> • Writing Winning Proposals and Responding to Requests for Qualifications 	
4:15 – 5:15 p.m.	<ul style="list-style-type: none"> • Working for the DOE? • Scientific Innovation • Energy Opportunities • Business of Energy 	Faculty are encouraged to visit the CAREEREXPO at their leisure.	
6:00 p.m.	CAREEREXPO Closes		

Location and Directions

Date: Wednesday, November 18, 2009
Time: Registration Opens at 8a | Expo is 10:30a to 6p
Location: [Marriott Los Angeles International Airport \(LAX\)](#)
5855 West Century Blvd., Los Angeles, CA 90045
Phone: 1-310-641-5700

[Click here](#) for directions and parking information at the Marriott.



Testimonials

"With everyone willing to share their experience and knowledge, a desirable atmosphere was created that was extremely beneficial o my career development." – Max Lopez



"I was astonished at the opportunities that were available to us as members of the Future Leaders Program. We were encouraged by management to become familiar with as many different areas of National Nuclear Security Administration (NNSA) as possible. With everyone willing to share their experience and knowledge, a desirable atmosphere was created that was extremely beneficial to my career development. With the ability to travel, the encouragement to succeed, and the chance to contribute to the security of our Nation, I believe NNSA is a perfect example of an Employer of Choice."

"My involvement in these different activities has been beneficial to my development as an engineer and as a future leader." – Andi Kaniho



"The Future Leaders Program offered me a challenging job, opportunity and professional growth. I am now performing duties and participating in events I never imagined! My involvement in these different activities has been beneficial to my development as an engineer and as a future leader. I am looking forward to bringing new ideas to the workplace and pursuing the mission of National Nuclear Security Administration by utilizing all of the skills and knowledge I have been taught during the 2-year program."

"... joining the Department of Energy's NNSA's Future Leaders Program was a great decision and an even better experience." – Earl Fitzhugh



"I never would have thought I'd end up halfway around the world spending my summer in a Siberian city working to reduce worldwide nuclear risk. This was just one of the highlights of my experience as a member of the Future Leaders Program (FLP). Between the opportunity to network and grow professionally with an engaging and the diverse cohort of peers through a structured developmental track and the appeal of excellent benefits, work-life balance, and organizational mission; joining the National Nuclear Security Administration's Future Leaders Program was a great decision and an even better experience. "

"Through my work with DOE, I have experienced the planning, management, design, review, construction, installation, and operation of major projects and facilities." – Ricky Bang



"I joined DOE-EM through the EMPDC program after graduating from Tulane University in New Orleans with a bachelor's degree in chemical engineering. Through my work with DOE, I have experienced the planning, management, design, review, construction installation, and operation of major projects an facilities; I was even able to experience some of those activities from the contractor's side through my work with PNNL. As I completed my rotation requirement with the EMPDC program I am continuing to work on engineering assessments and project oversight activities. One of the current projects includes overseeing the fabrication of another test platform, which requires many of the lessons learned from my involvement with the PEP".



"There are many fulfilling aspects of my career. I have had opportunities to learn and draw from the vast and the diverse experiences of each of my team members." – Maatsi Agwafo

I graduated from Clark University in Worcester, MA, with a major in environmental science and policy and a minor in biology. After participating in the Mentorship for Environmental Scholars, a United Negro College Fund internship hosted by the Department of Energy (DOE), I realized the dovetailing of science and policy. I saw lawyers and scientists working together to engage Congress on technical issues in the policy arena. I started my professional career as a member of the Environmental Management Professional Development Corps.(EMPDC) In this program, each corps member is placed with a mentor who not only guides, but creates opportunities for formal and on-the-job training, in order to facilitate corps' ability to perform in their capacities. I currently work as an Environmental Protection Specialist in the Savannah River Site Office. My career at DOE has been fulfilling. I have had opportunities to learn and draw from the vast and the diverse experiences of each of my team members. I have enjoyed this opportunity to learn from mentors and to gain some history on the DOE."

"I have had the opportunity to meet top leadership within the Office of Environmental Management and they have always shown interest in new employees and their professional and personal development" – Ivan A. Bolanos



"I attended Louisiana State University, obtained a degree in mechanical engineering and following graduation in 2007, I was fortunate enough to be accepted into a professional development program at the Department of Energy's Office of Environmental Management (EM). Working at DOE has given me an opportunity to grow as a professional through extensive on-the-job and formal classroom training. DOE has given me freedom and encouragement to pursue different avenues that not only tie directly to my technical background, but also enhance other important professional skills such as leadership and communication.

I have had the opportunity to meet top leadership within the Office of Environmental Management and they have always shown interest in new employees and their professional and personal development. Working at DOE has allowed me to do my part in meeting the new challenges that our nation faces and hope that a bright future lies ahead for all of us."



"I gained additional knowledge and experience on existing projects that I am now a part of at Headquarters. " – Theresa J. Kliczewski

"I am a member of the Environmental Management Professional Development Corps (EMPDC) at Headquarters in Washington, DC where I am involved on a wide range of projects. As part of the EMPDC program, I performed a detail assignment for three months in the Integrated Facility Disposition Program (IFDP) at the Oak Ridge EM Office in Oak Ridge, Tennessee. IFDP's scope includes the demolition of excess

facilities, disposition of legacy materials and waste, and the completion of environmental cleanup at Oak Ridge. The EMPDC detail to Oak Ridge allowed me to have a 'field prospective' and see how work is being performed at the site level"

Media Contacts

Paula Jackson

CAREEREXPO Program Lead

e: pjackson@aabe.org

ph: 202.641.6864

Kendall Martin

CAREEREXPO Senior Program Manager, Primary Media Contact

e: kendall@kgmmarketing.com

ph: 310.383.2886

Factsheet: Students

Your Future Never Looked Brighter.

**Invest in Your Future at the Department of Energy CAREEREXPO.
Be a part of a New Energy for a New Day.**

Are you looking for a career that is challenging and fulfilling? Are you looking for a creative and stimulating environment filled with camaraderie and the chance to collaborate with the most innovative minds in the country?

Join Southern California's best and brightest students at the Department of Energy's National Energy and **CAREEREXPO**.

Whether you're majoring in science, math, engineering, technology, business or public policy, there's a career in your future at the DOE and the corporate partners that will be in attendance.

We offer a free full-day program and plenty of opportunity to network and research some of the leading-edge energy and emerging green technology companies that are helping to make Los Angeles the center of growth for the new energy economy.

- Learn about exciting career and research opportunities
- Meet our nation's leading scientific innovators
- See hands on scientific demonstrations
- Find out how you and the DOE can make a difference in your community

Learn more about DOE careers and research initiatives, research grants and scholarship opportunities that will empower and inspire you to forge your own path toward a brighter future.

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Factsheet: Faculty

Your Students' Future Never Looked Brighter.

Help them discover their shining light at the Department of Energy's **CAREEREXPO**. Be part of a New Energy for a New Day.

You already understand that your best and brightest students are highly motivated to discover careers that offer lifelong opportunity, challenge and great reward. Now you can introduce your students to a creative and stimulating environment filled with camaraderie and the chance to collaborate with the most innovative minds in the country.

Join Southern California's best and brightest students, faculty and other Los Angeles community leaders at the Department of Energy's National Energy and **CAREEREXPO**.

We offer a free full-day program and plenty of opportunity to network and research some of the leading-edge energy and emerging green technology companies that are helping to make Los Angeles the center of growth for the new energy economy.

- Learn about exciting career and research opportunities
- Meet our nation's leading scientific innovators
- See hands on scientific demonstrations
- Find out how the DOE can make a difference in your community

Whether your students are majoring in science, math, engineering, technology, business or public policy, there's a career in their future at the DOE and the corporate partners that will be in attendance.

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Factsheet: Community Leaders and Organizations

Your Community's Future Never Looked Brighter.

Find out how you can help Los Angeles lead the way toward a New Energy for a New Day at the Department of Energy CAREEREXPO.

You have built your entire career on finding the right opportunities to invest your time and your energy to grow your business. You are a leader, a thinker and at heart, a student. Now you can share your knowledge and meet others who are leading the way to a bright future in energy, science and engineering right here in Southern California.

The U.S. Department of Energy invites you to a free program designed to put you in contact with today's energy pioneers and tomorrow's energy, science and engineering professionals at the National Energy and CAREEREXPO.

We offer a full program and plenty of opportunity to network and research some of the leading-edge energy and emerging green technology companies that are helping to make Los Angeles the center of growth for the new energy economy.

- Learn about exciting career and research opportunities
- Meet our nation's leading scientific innovators
- See hands on scientific demonstrations
- Find out how you and the DOE can make a difference in your community

Whether you're looking for new business opportunities in energy or are seeking to find the next great leaders for your organization, meet the people and share the knowledge that can help move you to a future that never looked brighter.

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