

# **BERAC**

## **October 28, 2013**

**Sharlene Weatherwax, Associate Director of Science  
Biological and Environmental Research**



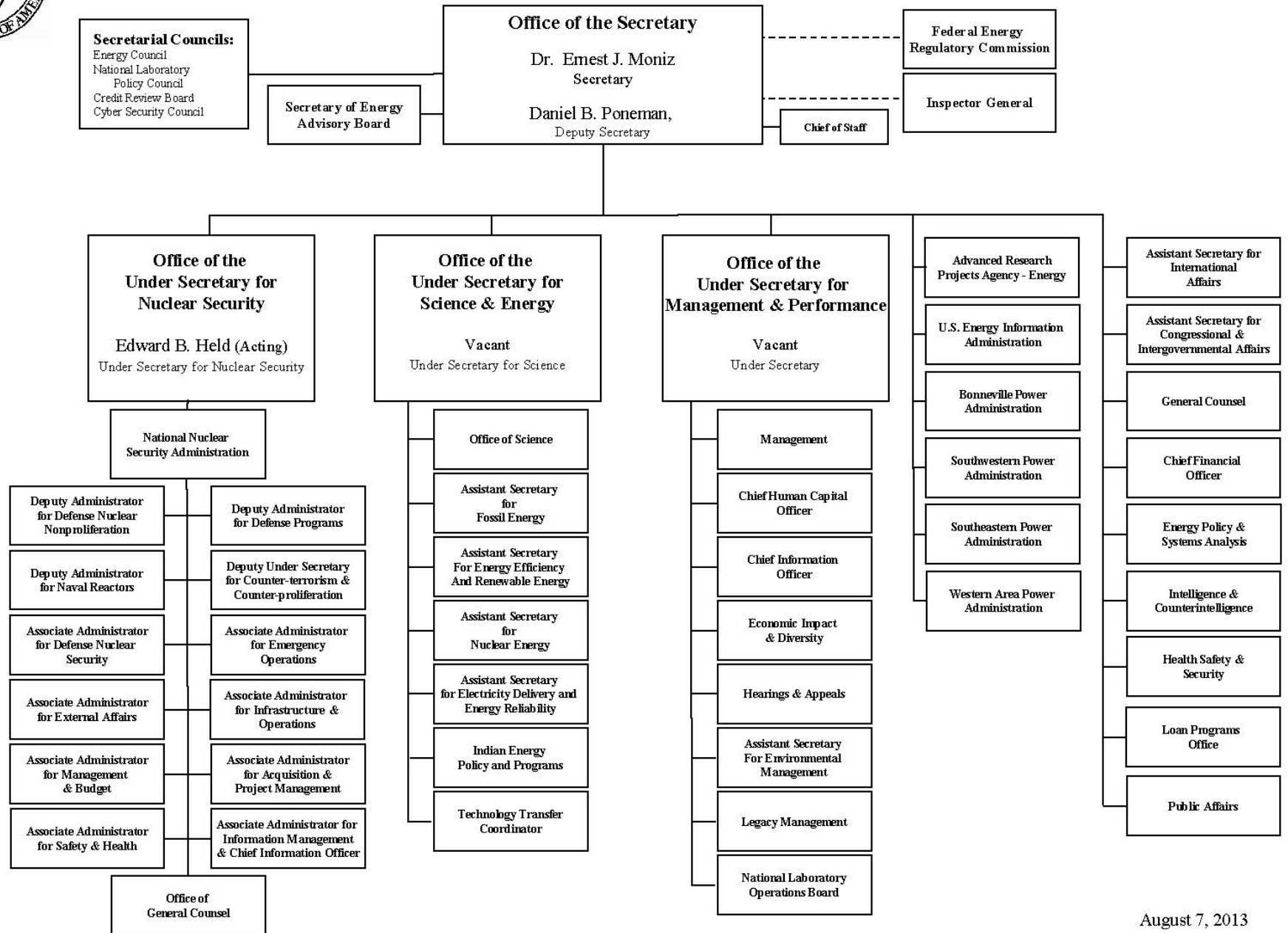
U.S. DEPARTMENT OF  
**ENERGY**

Office  
of Science

Office of Biological  
and Environmental Research



# DEPARTMENT OF ENERGY



# BER FY 2014 status

(\$ in thousands)

	FY 2013	FY 2014	FY 2014	FY 2014	FY 2014
	Enacted	President's Request	House Mark	Senate Mark	3.5 Month CR allocation at the House Mark (29.32%)
<b>Biological Systems Science</b>	<b>292,927</b>	<b>321,066</b>	<b>258,085</b>	<b>321,066</b>	<b>75,671</b>
Research	214,049	236,371	197,835	236,371	58,005
Facilities	78,878	84,695	60,250	84,695	17,666
<b>Climate and Environmental Sciences</b>	<b>285,367</b>	<b>304,281</b>	<b>236,021</b>	<b>304,281</b>	<b>69,201</b>
Research	140,388	181,915	146,622	181,915	42,990
Facilities	144,979	122,366	89,399	122,366	26,211
<b>BER Total</b>	<b>578,294</b>	<b>625,347</b>	<b>494,106</b>	<b>625,347</b>	<b>144,872</b>

SBIR/STTR included in the Research lines

# Personnel – Welcome!



Jay Hnilo, Program Manager, CESD



Andrew Flatness, Science Assistant, CESD



Jay Fitzgerald, AAAS Fellow, BSSD

# US and DOE contributions to AR5 WG1

- Of the 258 WG1 international authors & editors, 69 (27%) are from the U.S.
- 27 were DOE Federal and national laboratory scientists (including Dorothy Koch, BER program manager)
- BER has supported at least 41 of the scientists with formal roles in AR5
- DOE (Mike Kuperberg) led and provided key reviewers for the U.S. government review of the Second Order Draft
- DOE Federal and national laboratory scientists were on the U.S. Delegation that approved the WG-1 report
- BER's PCMDI coordinates the AR5 international climate model output through the Earth System Grid Federation. This represented 2 million gigabytes of data





## Congratulations National Lab R&D 100 Awards Winners!

*DOE Labs won 28 of 100 awards in 2013*

- ANL – 3 awards
- INL – 1 award
- LBNL – 7 awards
- LLNL – 4 awards
- LANL – 2 awards
- NETL – 2 awards
- NREL – 2 awards
- ORNL – 3 awards
- PNNL – 1 award
- SNL – 3 awards

### BER-related awards

Lawrence Berkeley National Laboratory

[High-Throughput NIMS Screening \(HT-NIMS\)](#) (Analytical Instruments)

Nextval Inc.

Pacific Northwest National Laboratory

[Combined Orthogonal Mobility & Mass Evaluation Technology \(CoMet\)](#)

(Analytical Instrumentation)

# New BERAC Charge

- **Committee of Visitors review of the Biological Systems Sciences Division**
- **“...review the processes used by the Biological Systems Science Division (BSSD) within the Office of Biological and Environmental Research (BER) to manage BSSD research programs and its user facility, the Joint Genome Institute (JGI).”**