

# Director's Report to the NTP Board of Scientific Counselors

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# Appropriations

	FY 2012 Appropriation	FY2013 Enacted Level*	FY 2014 Appropriation	FY 2015 President's Request	FY 2015 House Action	FY 2015 Senate Action
<b>NIEHS</b>	\$ 685,570,818	\$ 649,788,725	\$ 665,439,000	\$ 665,080,000		\$ 673,453,000 <sup>a</sup>
<b>NIH</b>	\$30,623,259,131	\$29,098,665,708	\$29,926,104,000	\$30,126,104,000		\$30,459,181,000 <sup>a</sup>
<b>Common Fund</b>	\$ 544,930,000	\$ 516,488,518	\$ 533,039,000	\$ 583,039,000		\$ 564,039,000 <sup>a</sup>
<b>Superfund</b>	\$ 78,927,514	\$ 74,808,039	\$ 77,349,000	\$ 77,349,000	\$ 77,349,000 <sup>b</sup>	\$ 77,349,000 <sup>c</sup>
<b>NIEHS/DOE Training</b>	\$ 10,000,000	\$ 9,230,000	\$ 10,000,000		\$ 10,000,000 <sup>d</sup>	<sup>d</sup>

\* FY 2013 includes across-the-board rescission and sequestration reductions.

<sup>a</sup> Senate Appropriations Labor, HHS, Education and Related Agencies Subcommittee reported bill.

<sup>b</sup> House Appropriations Committee Report.

<sup>c</sup> Senate Appropriations Interior and Environment Subcommittee draft bill.

<sup>d</sup> Amount was included in report language passed by the House; amount was not specified by the Senate.



## Hearings and Briefings

- Senate Labor, HHS Appropriations clerks, Adrienne Hallett (Democratic staff) and Laura Friedel (Republican staff)
- New York forum sponsored by Rep. Nita Lowey, Ranking Member of the House Appropriations Committee
- House Oversight Hearing on Autism – duplication of research
- Sen. Manchin Meeting on Freedom Industries Spill in West Virginia – John Bucher, NTP Associate Director
- Children's Health briefing at the request of Rep. David Price through the Friends of NIEHS



**Adrienne Hallett**



**Nita Lowey**



**John Bucher, Ph.D.**



## Relevant Legislation

- Secret Science Reform Act of 2014
  - House Committee on Science, Space, and Technology
- Ban Poisonous Additives Act of 2014
  - Representative Lois Capps (D-CA)
  - Senator Edward Markey (D-MA)
- Research and Development Efficiency Act
  - Representative Larry Bucshon (R-IN)
- Accelerating Biomedical Research Act
  - Senator Tom Harkin (D-IA)
  - Representative Rosa DeLauro (D-CT)
- Autism Collaboration, Accountability, Research, Education, and Support Act of 2014 (Autism CARES Act)



**Genomic models of short-term exposure accurately predict long-term chemical carcinogenicity and identify putative mechanisms of action.** Gusenleitner D, Auerbach SS (NTP), Melia T, Gomez HF, Sherr DH, Monti S. *PloS One* (2014)

**Diversity Outbred Mice Identify Population-Based Exposure Thresholds and Genetic Factors that Influence Benzene-Induced Genotoxicity.** French JE (NTP), Gatti DM, Morgan DL (NTP), Kissling GE, Shockley KR, Knudsen GA, Shepard KG, Price HC, King D, Witt KL (NTP), Pedersen LC, Munger SC, Svenson KL, Churchill GA. *Environ Health Perspect* (2014)





## **Symposium on Assessing Exposures and Health Effects Related to Indoor Biomass Fuel Burning**

- Surveyed the state of the science, policy, and future directions of research on health effects of indoor fuel combustion
- Goal – improving the health of ~3 billion people worldwide who burn biomass for cooking and heating
- Four million premature deaths due to indoor air pollution from biomass combustion
- Challenges and barriers:
  - Perception
  - Infrastructure
  - Socioeconomic status



# Meetings and Events

- Workshop for the Development of a Framework for Environmental Health Science Language (Sep 15-16)
- Prenatal Programming and Toxicology Workshop-IV (PPTox-IV), *Environmental Stressors in Disease and Implications for Human Health* (Oct 26-29)
- NIEHS-NINDS *Parkinson's Disease: Understanding the Environment and Gene Connection* (Nov 3-4)
- NRC Emerging Science for Environmental Health Decision Making, *Modeling the Health Risks of Climate Change* (Nov 3-4)
- Research Triangle EH Collaborative, *Exposure Science in 21st Century: Role of Citizens and Communities* (Nov 4-5)
- IOM Roundtable on Environmental Health Research, Science & Medicine, *Environmental Impacts on Obesity* (Nov 10-11)
- Superfund Research Program Annual Meeting, San Jose (Nov 12-14)
- BCERP Scientific Meeting, San Antonio (Nov 13-14)



# Science Information Officer

- New hire specifically dedicated to supporting the scientific computing needs of all NIEHS staff
- Reports to the Scientific Director, and will also be accountable to the Director of the DNTP.
- Part of a collaborative team comprised of four key individuals:
  - Science Information Officer (SIO) – Interim SIO Dr. David Fargo
  - Director, Office of Science Information Management (OSIM) -Dr. Allen Dearry
  - Chief Information Officer (CIO) - Bernard Brown
  - Director, Office of Communications and Public Liaison (OCPL) - Christine Flowers





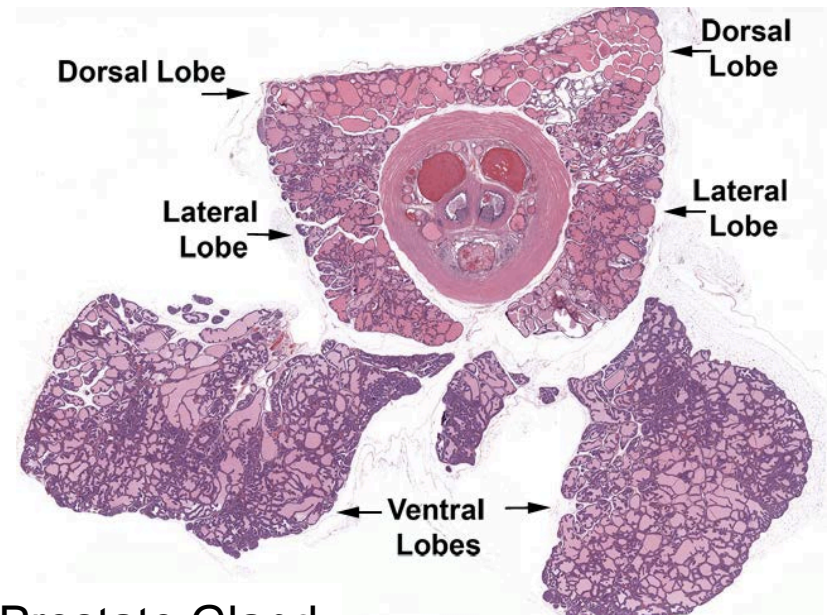
## A guide for standardizing terminology in toxicologic pathology for rodents - new sections added:

- Kidney
- Endocrine
- Male reproductive
- Special senses system



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Thyroid and Parathyroid Gland



Prostate Gland



## NIH Director's Awards

### DREAM Toxicogenetics Challenge

- Raymond Tice, Ph.D.
- Richard Woychik, Ph.D.
- Allen Dearry, Ph.D.
- Rebecca Boyles, Ph.D.
- Kristine Witt

### Remote Support Working Group

- Jack Field

### Geroscience Summit Organizing Committee

- Xiaoling Li, Ph.D.

### Tox21 Team

- Linda Birnbaum, Ph.D.
- John Bucher, Ph.D.
- Michael DeVito, Ph.D.
- Jennifer Fostel, Ph.D.
- Jui-Hua Hsieh, Ph.D.
- Keith Shockley, Ph.D.
- Raymond Tice, Ph.D.
- Suramya Waidyanatha, Ph.D.
- Kristine Witt



**Thank You!**

