Director’s Report

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Director, National Institute of Environmental Health Sciences and National Toxicology Program

NTP Board of Scientific Counselors Meeting
December 15, 2016
<table>
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<tr>
<th></th>
<th>FY 2015 Omnibus Appropriation</th>
<th>FY 2016 Omnibus Appropriation</th>
<th>FY 2017 Continuing Resolution through 28 April 2017</th>
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<tr>
<td>NIEHS</td>
<td>$667,333,000^a/</td>
<td>$693,533,000^a/</td>
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<td>NIH (LHHS)</td>
<td>$30,084,000,000</td>
<td>$32,084,000,000</td>
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<td>Common Fund</td>
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<td>Superfund</td>
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<td>NIEHS/DOE Training</td>
<td>$10,000,000</td>
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\^a/ Reduced by $169,000 transfer to the NIH Office of AIDS Research.
\^b/ Includes addition of $12.6 million for the Gabriella Miller Kids First Act pediatric research initiative.

- **21\textsuperscript{st} Century Cures Act has passed House and Senate**
• 1966: Congressional mandate to engage in “the conduct and support of research, training, health information dissemination, and other programs with respect to factors in the environment that affect human health, directly or indirectly.”

• As part of health information dissemination, we:
  - Engage with: White House, Congress, federal & other government agencies, international scientific and policy making bodies
  - Issues of: laws, regulations, policies, and responses to the public related to environmental health
50 Years of Informing Public Health Decisions – Historical Examples

- Assessment of the impact of Agent Orange in Vietnam
- Benefit to children of removing lead from gasoline
- Link between asbestos exposures and lung tumors
- Role of DES in birth defects
- Evidence for public health action on smoking
- Opportunities in decoding human and animal genomes
- Response to public health disasters
- Human health impacts of climate change
50 Years of Informing Public Health Decisions – Zika

• GAO engagement “Zika Virus Outbreak”

• Zika in Infants and Pregnancy Study

• NTP Environmental Factors Research
50 Years of Informing Public Health Decisions – PFCs

- Letter from Senators Charles Schumer and Kirsten Gillibrand, and Representative Christopher Gibson, all of NY
  - Concerns about exposure of constituents to perfluorinated chemicals PFOA/PFOS in drinking water downstream of manufacturing plants
  - PFCs used in commercial water repellents and flame retardants, and in non-stick packaging and cookware products
  - Joint response from NIEHS and CDC
    - Research findings on behavioral disorders, attention deficit hyperactivity disorder, cognitive and neurobehavioral development, immune function, and obesity
    - Outcome of peer review meeting of the Draft NTP Monograph on Immunotoxicity Associated with Exposure to Perfluorooctanoic Acid (PFOA) or Perfluorooctane Sulfonate (PFOS)
    - Ongoing research in BCCERP, SRP, and NTP
50 Years of Informing Public Health Decisions – Cell Phones

- Letter from Senator Orrin Hatch of Utah to NIH Director (tasked to NIEHS)

- Concerns of constituent on adequacy of NTP studies on cell phone radiofrequency radiation to address newer technologies

- 12 staff involved in response:
  - Description of findings and link to more information on NTP 5-year study: the largest and most technologically challenging NTP study ever
  - Expression of willingness to further research if Congress asks and funds
• Lead exposures to children in drinking water in Flint, MI
• President’s Task Force on Environmental Health Risks and Safety Risks to Children renews focus on lead as a priority
• 2016 Task Force report: No Safe Level: Key Federal Efforts to Protect Children from Lead – released August 29
  – Inventories federal activities to prevent childhood lead exposures
  – Expansion beyond paint/house dust to include consumer products, foods, drinking water, and other exposures
  – NIEHS staff helped spearhead its development
50 Years of Informing Public Health Decisions – Briefings/Forums

• Briefing of FDA and FCC on findings of the 5-year NTP cell phone study, NTP scientist Michael Wyde, Ph.D.

• Congressional briefing on the recent TENDR (Targeting Environmental Neuro-Developmental Risks) Consensus Statement. Irva Hertz-Picciotto, Ph.D., director of the NIEHS EHS Center at UC-Davis and co-director of Project TENDR.


• “NIEHS: 50 Years of Connecting Environmental Health Research to Community Needs,” followed by a reception, on November 16. Friends of NIEHS.
  – Reception co-sponsored by Reps. David Price (D-NC), Renee Ellmers (R-NC), and G.K. Butterfield (D-NC).
50th Anniversary Events

Jan 21    NIEHS 50th Anniversary Kick-Off Event
April 2   Women's Health Awareness Day
April 24  Science in the Cinema
July 13   Society of Toxicology Scientific Symposium
Sept 18-20 25 Years of Endocrine Disruption Research:
             Past Lessons and Future Directions
Oct 31    Contractor Appreciation Day
Nov 1     NIEHS 50th Anniversary Celebration
Nov 2     Falk Lecture by Jeffrey Gordon, M.D.
Nov 3-4   Science Days
Dec 5-8   Environmental Health Sciences FEST
Dec 13    Time Capsule Sealing Ceremony
50th Anniversary Celebration Speakers

- **James B. Hunt**, former NC Governor
- **Ira Flatow**, Science Friday
- **Carol L. Folt**, Chancellor of UNC-CH
- **Joe and Terry Graedon**, The People’s Pharmacy
- **David Price**, US House of Representatives
Champions of Environmental Health Research

- Charles E. Blumberg
- Jeffrey Gordon
- Thomas A. Kunkel
- Philip J. Landrigan
- John Peterson Myers
- Jeanne Rizzo
- Kurt Straif
- Allen J. Wilcox
- Linda S. Birnbaum
- Kenneth Olden
- David Schwartz
- Samuel H. Wilson
HHS Honored for NIEHS Environmental Justice Efforts

- Hazel M. Johnson Federal Agency Achievement Award for outstanding achievement in advancing environmental justice.

  *Presented to HHS Secretary by EPA Administrator Gina McCarthy*

- Specific recognition of the NIEHS Climate Justice Workshop and the Tribal Ecological Knowledge Workshop

  *Chip Hughes, Sharon Beard, Symma Finn, Jim Remington, Caroline Dilworth, Liam O’Fallon, Gwen Collman, John Balbus, Kimberly Thigpen Tart, Trisha Castranio, Sally Darney, and Linda Birnbaum*


Thank you!

Retiring BSC members

George Corcoran  
Lisa Peterson
Thank you!

Paul Howard

FDA National Center for Toxicological Research Liaison to NTP

(2007-2016)
Thank You!

http://ntp.niehs.nih.gov/