

# NATIONAL SCIENCE ADVISORY BOARD FOR BIOSECURITY



February 27-28, 2008

NIH Campus

9000 Rockville Pike

Building 31, 6C Room-10

Bethesda, MD



## MEETING AGENDA

### *February 27*

12:30 – 12:45 p.m.

#### **Welcome**

*Paul S. Keim, Ph.D.*

NSABB Member

Northern Arizona University

#### **Review of Conflict of Interest Rules**

*Amy P. Patterson, M.D.*

Director

Office of Biotechnology Activities, NIH

#### **Introductions**

#### **Approval of April 2007 NSABB Meeting Minutes**

#### **Agenda Overview**

12:45 – 1:45 p.m.

#### **Updates on International Engagement on Dual Use Research**

*David R. Franz, D.V.M., Ph.D.*

Chair, International Engagement Working Group

Midwest Research Institute

*Stuart Levy, M.D.*

Vice-Chair, International Engagement Working Group

Tufts University School of Medicine

- Dual Use Issues in Life Sciences Research: A Roundtable on Strategies for Fostering International Engagement – October 2007
- NSABB International Working Group Activities in 2008

- 1:45 – 2:30 p.m.            **Consideration of NSABB Recommendations in the Development of Federal Policy on Dual Use Life Sciences Research**
- Ken Staley, M.D., M.P.A*  
Director for Biodefense Policy  
Homeland Security Council  
The White House
- 2:30 – 3:00 p.m.            **Biosafety Implications of Synthetic Genomics Technology: US Policy Development**
- Jacqueline Corrigan-Curay, M.D., J.D.*  
Executive Secretary  
Recombinant DNA Advisory Committee  
Office of Biotechnology Activities, NIH
- 3:00 – 3:25 p.m.            Break
- 3:25 – 4:25 p.m.            **Assessing Biosecurity Concerns Related to Synthetic Biology**
- David Relman, M.D.*  
Chair, Synthetic Genomics Working Group  
Stanford University School of Medicine
- 4:25 – 4:55 p.m.            **WHO Project: Life Science Research and Development (R&D) for Global Health Security**
- Ottorino Cosivi, D.V.M.*  
Project Leader, Program for Deliberate Epidemics  
World Health Organization  
Geneva, Switzerland
- 4:55 – 5:15 p.m.            **Public Comment**
- 5:15 p.m.                    **Adjourn for the Day**

**NSABB Session on Outreach and Education**

**AGENDA**

***February 28***

- 8:30 a.m.           **Welcome and Overview of the Day's Activities**  
*Dennis L. Kasper, M.D.*  
NSABB Chair  
Harvard Medical School
- 8:40 a.m.           **Review of the Charge of the Working Group on Outreach and Education**  
*Michael Imperiale, Ph.D.*  
Chair, NSABB Working Group on Outreach and Education  
University of Michigan Medical School
- Overview of the Working Group's primary tasks
  - Are there other matters or activities that the Working Group should undertake?
- 9:00 a.m.           **Outreach and Education Activities on Dual Use Research: Keeping the Community Apprised of Developing Federal Policies**  
*Allan Shipp*  
Director of Outreach  
NIH Office of Biotechnology Activities
- 9:20 a.m.           **Update from NSABB Members on Presentations and Other Outreach Activities**  
*NSABB Members*
- 9:40 a.m.           **Stakeholder Community Identification**  
*Discussion*
- Which communities have responsibilities with respect to dual use research?
    - E.g., investigators, trainees, biological safety officers, research administrators, etc.
  - What other communities also have a stake in the responsible management of dual use research information?
    - E.g., public at large, public health authorities, intelligence community, etc.
- 10:10 a.m.           Break
- 10:30 a.m.           **Selected Perspectives from the Research Community Regarding Outreach on Dual Use Research (brief remarks [5-10 min.] plus discussion)**
- American Bar Association – Science and Technology Law –  
*Gilbert Whittemore, Esq., Chair, Section of Science & Technology Law and Counsel, Rath, Young and Pignatelli, P.C.*

- American Biological Safety Association – Biosafety community – *Janet S. Peterson, R.B.P., C.B.S.P., Assistant Director & Biosafety Officer, UM Department of Environmental Safety*
- American Phytopathological Society – Botanists – *Ray Martyn, Ph.D., APS President and Professor, Department of Botany and Plant Pathology, Purdue University*
- American Society for Microbiology – Microbiologists *Ronald Atlas, Ph.D., Professor of Biology, University of Kentucky*
- Association of American Medical Colleges – Medical schools and teaching hospital leadership – *Stephen Heinig, Senior Policy Fellow, AAMC*
- Association of American Universities – Research intensive universities – *Patrick White, Vice President of Federal Relations, AAU*
- Federation of American Societies for Experimental Biology – Biological scientists at large – *Carrie Wolinetz, Ph.D., Director of Communications*
- National Association of State Universities and Land Grant Colleges – State schools, including schools of agriculture – *Bruce McPheron, Ph.D., Associate Dean for Research and Graduate Education and Director of the Pennsylvania Agricultural Experiment Station at Pennsylvania State University*

*Representatives from various constituency organizations will answer the following questions:*

- *What is the nature and size of the constituency that your organization represents, i.e., number of members, principal professional activities of members?*
- *What is the level of awareness among your membership with respect to the issue of dual use research of concern; e.g., most members are keenly aware and the topic is on the agenda of annual meetings or few members have any cognizance of the issue. How have you assessed that awareness?*
- *To the extent your members are aware of the issue of dual use research, what is their perception of it; e.g., that it's of pressing concern and national importance or that it's of uncertain consequence? Similarly, how have you assessed these perceptions?*
- *What mechanisms of outreach would be particularly effective (and not especially effective) with your membership for soliciting their views on federal policies under development? For education and awareness-building purposes? e.g., Web-based modules, presentations at annual meetings, government-sponsored roundtables, society-initiated professional development activities.*

12:00 p.m.

**Public Comment**

12:10 p.m.      **Effective Educational Tools and Vehicles for Information Dissemination:  
Perspectives and Experience from the Private Sector**

*Mark S. Frankel, Ph.D.*  
Director, Scientific Freedom Responsibility and Law Program, American  
Association for the Advancement of Science  
**Making a Compelling Case about Dual Use Research to the Scientific  
Community at Large**

12:30 p.m.      Lunch

1:30 p.m.      **Effective Educational Tools and Vehicles for Information Dissemination:  
Perspectives and Experience from the Private Sector (continued)**

*Robert Cook-Deegan, M.D.*  
Principal Investigator, Policy, Ethics, and Law Core, Southeast Regional  
Center for Excellence for Emerging Infections and Biodefense  
(SERCEB)  
**SERCEB Experience in Educating the Investigator Community  
about Dual Use Research**

*Michael Stebbins, Ph.D.*  
Director of Biology Policy  
Federation of American Scientists (FAS)  
**FAS Educational Efforts Related to Dual Use Research: Web-Based  
Tools, Case Studies, and More**

2:40 p.m.      **Focal Points and Mechanisms for Federal Efforts to Raise Awareness about  
Dual Use Research**

*Discussion*

- Given various efforts taking place in the private sector, what niche should the Federal government fill in conducting or promoting outreach efforts on the dual use issue? E.g.,
  - Mechanisms for effectively soliciting public comment on developing federal policies
  - General awareness tools (multimedia products, brochures, etc.)
  - Support for further development of private sector efforts (small grants program)?
- What means of communication and education are most effective?
- What plans should be made at this juncture to prepare for future educational needs?
  - E.g., Education about specific federal requirements when they emerge

3:40 p.m.

**Final Conclusions**

*Michael Imperiale, Ph.D.*

Chair, NSABB Working Group on Outreach and Education  
University of Michigan Medical School

3:50 p.m.

**Closing Remarks and Adjournment**

*Dennis L. Kasper, M.D.*

NSABB Chair  
Harvard Medical School

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