

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 – 12:35 p.m. **Review of Conflict of Interest Rules**
Amy P. Patterson, M.D.
Director
Office of Biotechnology Activities, NIH
- 12:35 – 12:40 p.m. **Call to Order and Approval of April 2007 Minutes**
Paul S. Keim, Ph.D.
NSABB Member
Northern Arizona University
- 12:40 – 12:45 p.m. **Introductions and Agenda Overview**
Paul S. Keim, Ph.D.
NSABB Member
Northern Arizona University
- 12:45 – 1:45 p.m. **Updates on International Engagement on Dual Use Research**
David R. Franz, D.V.M., Ph.D.
Chair, NSABB International Engagement Working Group
Midwest Research Institute
- Stuart Levy, M.D.*
Vice-Chair, NSABB 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**
Amy P. Patterson, M.D.
Director
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, NSABB 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**
Ottorini 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**

Session on Outreach and Education

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)**
- 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