



# NATIONAL ACADEMY OF SCIENCES

Committee on Science, Technology, and Law

## Roundtable Discussion on the Development of a Science Course for Professional Schools

The National Academies' Keck Center  
Room 206  
500 Fifth Street, NW  
Washington, DC 20001  
12 January 2012

9:30	Continental Breakfast
------	-----------------------

10:00	Welcome and Introduction
-------	--------------------------

Co-Chairs: Bruce Alberts  
Paul Brest

- Why This Enterprise is Important
- Science Education in General
- The National Academies' Science Education Efforts in General
- Specific CSTL efforts, including

*Strengthening Forensic Science in the United States: A Path Forward*  
*Reference Manual on Scientific Evidence*, Third Edition  
American Law Institute Discussions on Causation

- Different Venues in Which Science and Technology Are Critical to Decision-making
- Why Social Science Should Be Included in this Effort Along with Science and Technology

10:20	<b>Roundtable Discussion</b>
-------	------------------------------

#### Examples of Science Education

- Paul Brest – Problem Solving and Decision Making
- Steven Goodman – Doctoral Seminars in Epidemiology
- Joe Cecil – The Federal Judicial Center’s Efforts to Educate the Judiciary

#### Topics for Consideration

- 1) Reasons for an integrative course covering different types of public and private decision-making
- 2) Thoughts on what aspects of the scientific enterprise should be understood by law and public policy students

12:30	<b>Lunch</b>
-------	--------------

1:30	<b>Roundtable Discussion</b>
------	------------------------------

#### Topics for Consideration

- 1) What do we mean by an integrative course? What are the key characteristics of such a course? What should be the aims of the course?
- 2) Is there a consensus that further effort in developing an integrative course is warranted?
- 3) Does the idea of establishing a working group to develop a proposal for a workshop or other activity make sense?
- 4) What type of activity makes the most sense? A workshop? A study? A collection of best practice and other materials? The creation of a website? Other options?
- 6) Who might fund such endeavors?

3:00	<b>Break</b>
------	--------------

3:15	<b>The Way Forward / Final Thoughts</b>
------	---

Co-Chairs: Bruce Alberts  
Paul Brest