

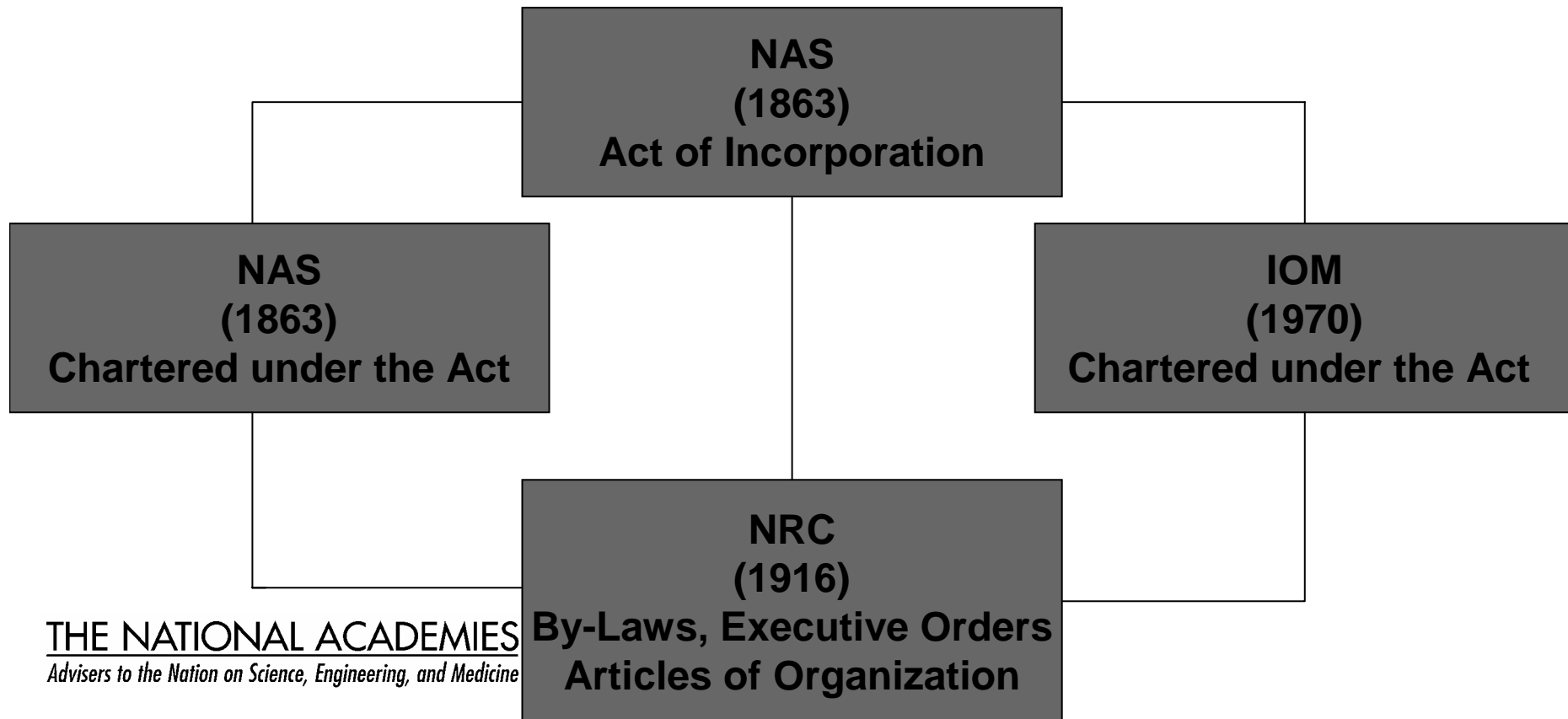
International Conference
on
Innovation in Energy Technologies
September 29-30, 2003

The National Academies
National Research Council

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The National Academies

National Academy of Sciences (NAS)
National Academy of Engineering (NAE)
Institute of Medicine (IOM)
National Research Council (NRC)



The National Academies: History

- National Academy of Sciences chartered by Congress in 1863 to:

Whenever called upon by any department of the Government, investigate, examine, experiment, and report upon any subject of science or art..

- President Lincoln, during the height of the civil war, asked for the first study, which was to design a compass that would work in iron clad warships.

The National Academies: Today

- National Academy of Sciences (1863)
 - 2,347 members
 - Nearing end of 2nd term of President Bruce Alberts
- National Academy of Engineering (1964)
 - 2,280 members
 - Middle of 2nd term of President William Wulf
- Institute of Medicine (1970)
 - 1,445 members
 - Beginning of 1st term of President Harvey Fineberg
- National Research Council (1916)
 - 10,000 volunteers involved annually
 - NAS President serves as NRC chair; NAE President as vice-chair

The National Academies: Today (Cont'd)

- National Research Council was founded in 1916 as the “operating arm” of the NAS and NAE; the IOM follows NRC procedures
- Purpose: *to associate the broad community of science and technology in the NAS mission to provide advice to the federal government*

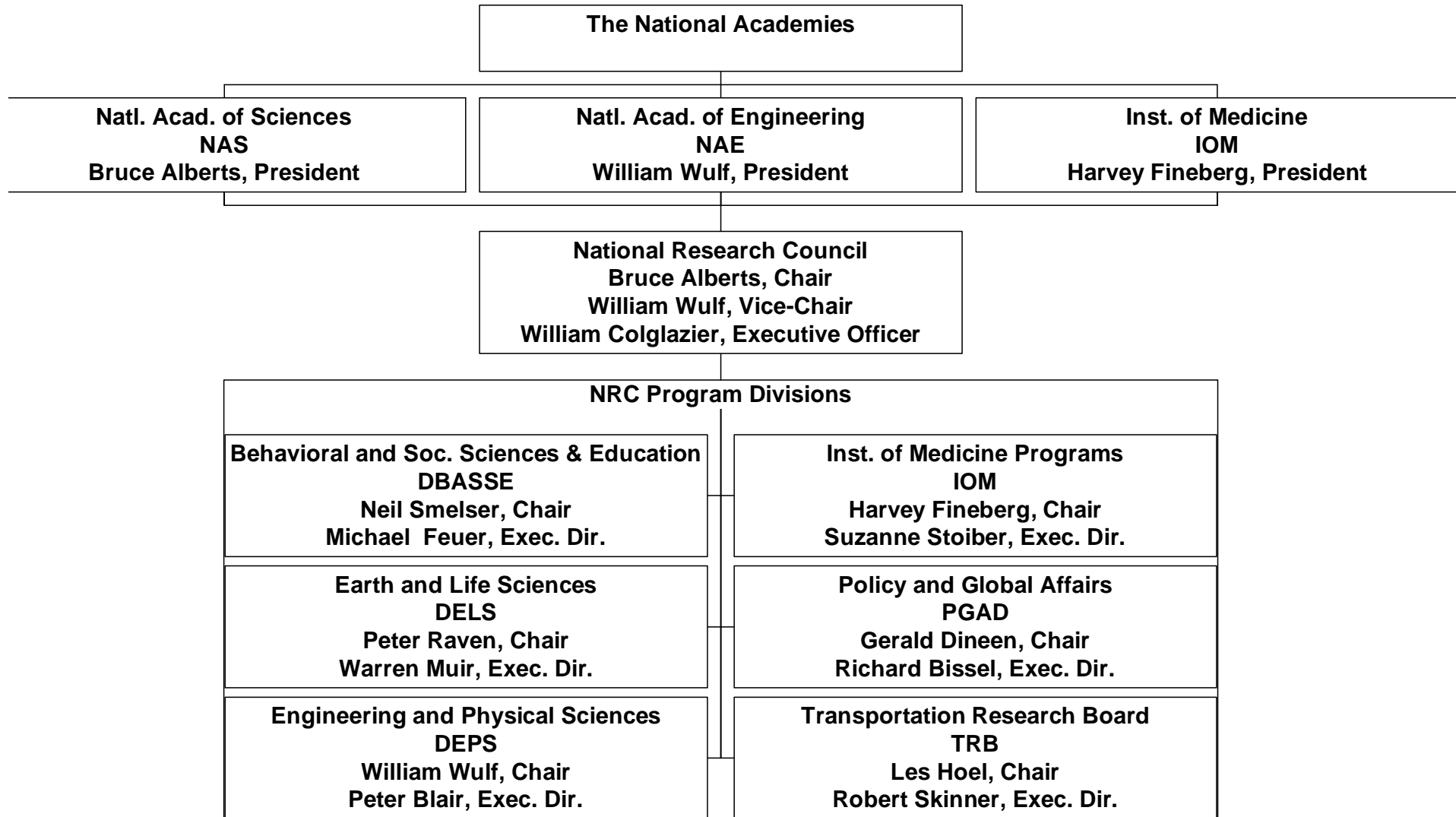
The National Research Council

- Nearly 1,300 staff and 10,000 volunteers annually involved in NRC/IOM studies
- 80% of NRC committees are not members of the three academies
- Average 270 reports per year from studies for federal agencies, Congress, and some self-initiated
- Governing Board chaired by NAS President Alberts; vice-chair is NAE President Wulf
- Chief Management Officer is NAS Executive Officer William Colglazier

The National Research Council

- Together NRC and IOM have ~650 active committees currently
- Roughly \$160 million in annual expenditures across supporting ~80 boards grouped into six program divisions:
 - Behavioral and Social Sciences and Education
 - Earth and Life Sciences
 - Engineering and Physical Sciences
 - Institute of Medicine
 - Policy and Global Affairs
 - Transportation Research Board

The National Academies and the National Research Council



THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

PROGRAM SUPPORT BY SOURCE FOR FY2003

Estimated Total Expenditures of \$219.2 million

