

Welcome to this public briefing on "Observations on Science and Technology in the President's Fiscal Year 1999 Budget"

This is the first-ever joint activity of the Academies and American Association for the Advancement of Science so I'd like to extend a special welcome to our colleagues from AAAS who are joining us at this event.

Let me provide a brief overview of this activity. In 1995, the Academies issued a report titled Allocating Federal Funds for Science and Technology [known as the "Press report" the committee that developed it was chaired by Frank Press, former President of the NAS].

This committee recommended development of a "Federal Science and Technology" or "FS&T" budget that would reflect the real federal investment in the creation of new knowledge and technologies and exclude activities not involving the creation of new knowledge or technologies such as the testing and evaluating of new weapons systems.

An NAS panel issued a series of annual reports with quantitative and qualitative assessments of the FS&T budget. COSEPUP has now taken over this role.

To eliminate duplicate quantitative analysis by the AAAS and COSEPUP, the AAAS agreed to add the FS&T budget to the analysis it has been conducting for many years. And COSEPUP is now publishing its assessment of the FS&T report as a chapter in AAAS' annual R&D report.

This provides a "one stop" assessment of the research budget for both the research community and policymakers.

There are three purposes to this event. They are to gain an understanding of

- (1) The overall R&D budget from our colleagues at AAAS
- (2) The Federal Science and Technology (or "FS&T") budget from the Academies' Committee on Science, Engineering, and Public Policy.
- (3) Concerns all of you have about past, current, and likely future changes in the budget on research.

Let me begin by introducing Al Teich. Al has been Director of Science and Policy Programs at the American Association for the Advancement of Science (AAAS) since 1990. AAAS, founded in 1848, is the world's largest federation of scientific and engineering societies as well as a professional organization with over 140,000 members and the publisher of Science magazine. Dr. Teich is responsible for the Association's

activities in science and technology policy. Prior to joining the AAAS staff in 1980, Dr. Teich served on the faculty and in research and administrative positions at George Washington University, the State University of New York, and Syracuse University. He holds a B.S. in physics and a Ph.D. in political science, both from M.I.T.

[Al Teich Talk]

I'd now like to introduce Jim Duderstadt. Jim is the chair of the NAS-NAE-IOM Committee on Science, Engineering, and Public Policy (COSEPUP) guidance group that developed this year's report on the FS&T budget.

He is President Emeritus and University Professor of Science and Engineering at the University of Michigan. He received his B.A. from Yale University in 1964 and his doctorate in engineering science and physics from the California Institute of Technology in 1967. He received the National Medal of Technology for exemplary service to the nation, the E.O. Lawrence Award for excellence in nuclear research, and the Arthur Holly Compton Prize for outstanding teaching. He has served as chair of the National Science Board and serves as a director of the Unisys Corporation and CMS Energy Corporation. He has been a member Of the National Academy of Engineering since 1987.

[Jim Duderstadt Talk]

We're now open for questions and comments.

Bill Colglazier, Executive

Officer of the National Research Council will now manage the question and discussion portion of the program.

We do want this to be a dialogue

where you not only ask questions of AAAS and COSEPUP but use this as an opportunity to present your own concerns about the possible outcomes of the President's budget and the budget discussions that are occurring on Capital Hill.

[Turn over to Bill C.]