


*The Health of the Scientific and Technical
Enterprise: An Advisory Panel Report to the
Office of Technology Assessment*

October 1978

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**The Health of the Scientific
and Technical Enterprise**

**An Advisory Panel Report
to the Office of Technology Assessment**

 CONGRESS OF
THE UNITED STATES
Office of Technology Assessment

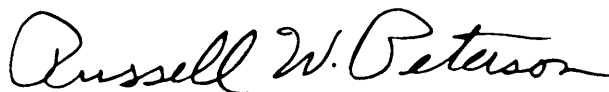
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FOREWORD

The Federal Government now spends about \$28 billion per year on research and development (R&D) activities and facilities in the United States. As part of the effort of the Office of Technology Assessment (OTA) to acquire a thorough understanding of the Nation's R&D effort and of the process whereby R&D results are converted most effectively into useful innovations, we asked Dr. Donald F. Hornig, a member of OTA'S Health of the Scientific and Technical Enterprise Advisory Panel to coordinate this panel's efforts in formulating a state-of-the-art look at the health of the scientific and technical enterprise and factors for determining its vitality.

We believe this effort, as presented in this report, will assist the Members of Congress and their staffs in dealing with the complex issues of R&D policies and priorities over the years ahead.

A handwritten signature in black ink, reading "Russell W. Peterson". The signature is fluid and cursive, with the first name "Russell" being the most prominent part.

RUSSELL W. PETERSON
Director
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NOTE: While the Health of the Scientific and Technical Enterprise Advisory Panel (listed on previous page) served as the principal advisory group for this report, the Decisionmaking on R&D Policies and Priorities Advisory Panel and the Applications of Science and Technology Advisory Panel also provided advice, critique, and assistance during the project for which OTA is deeply grateful. Although these advisory panels recommended release of the report, OTA assumes full responsibility for the report and the accuracy of its contents.