

Section IV.-Organization and Operations

Created by the Technology Assessment Act of 1972 (86 Stat. 797), OTA is a part of and is responsible to the legislative branch of the Federal Government. OTA received funding in November 1973 and began operations as the second session of the 93d Congress convened in January 1974.

The act provides for a bipartisan Congressional Board, a Director, and such other employees and consultants as may be necessary to conduct the Office's work.

The Congressional Board is made up of six Senators, appointed by the President pro tempore of the Senate, and six Representatives, appointed by the Speaker of the House, evenly divided by party. In 1983, Cong. Morris Udall (D-Arizona) and Sen. Ted Stevens (R-Alaska) served as the Chairman and Vice Chairman, respectively, of the Board. The two posts alternate between the Senate and House with each Congress. The Board members from each House select their respective officer.

The Congressional Board sets the policies of the Office and is the sole and exclusive body governing OTA. The Board appoints the Director, who is OTA's chief executive officer and a nonvoting member of the Board.

The act also calls for a Technology Assessment Advisory Council comprised of 10 public members eminent in scientific, technological, and educational fields, the Comptroller General of the United States, and the Director of the Congressional Research Service of the Library of Congress. The Advisory Council advises the Board and the Director on such matters as the balance, comprehensiveness, and quality of OTA's work, and OTA's nongovernmental resources.

In providing assistance to Congress, OTA is to: identify existing or probable impacts of technology or technological programs; where possible, ascertain cause-and-effect relationships of the applications of technology; identify alternative technological methods of implementing specific actions; identify alternative programs for achieving requisite goals; estimate and compare the impacts of alternative methods and programs; present findings of completed analyses to the appropriate legislative authorities; identify areas where additional research or data collection is required to provide support for assessments; and undertake such additional associated activities as may be necessary.

INITIATION, PROCESSING, AND FLOW OF ASSESSMENTS

OTA's primary function is to provide congressional committees with assessments or studies that identify the range of probable consequences, social as well as physical, of policy alternatives affecting the uses of technology. Requests for OTA assessments may be initiated by:

- . the chairman of any standing, special, select, or joint committee of Congress, acting alone, at the request of the ranking minority member, or at the request of a majority of the committee members;
- the OTA Board; or
- the OTA Director, in consultation with the Board.

The authorization of specific assessment projects and the allocation of funds for their performance is the responsibility of the OTA Board.

ORGANIZATIONAL STRUCTURE

The Office is organized into three operating divisions, each headed by an assistant director. The three divisions are Energy, Materials, and International Security; Health and Life Sciences; and Science, Information, and Natural Resources. They encompass assessments grouped in the areas of energy and materials; international security and commerce; industry, technology, and employment; biological applications; food and renewable resources; health; communication and information technologies; oceans and environment; and science, transportation, and innovation. See chart detailing OTA's organizational structure.

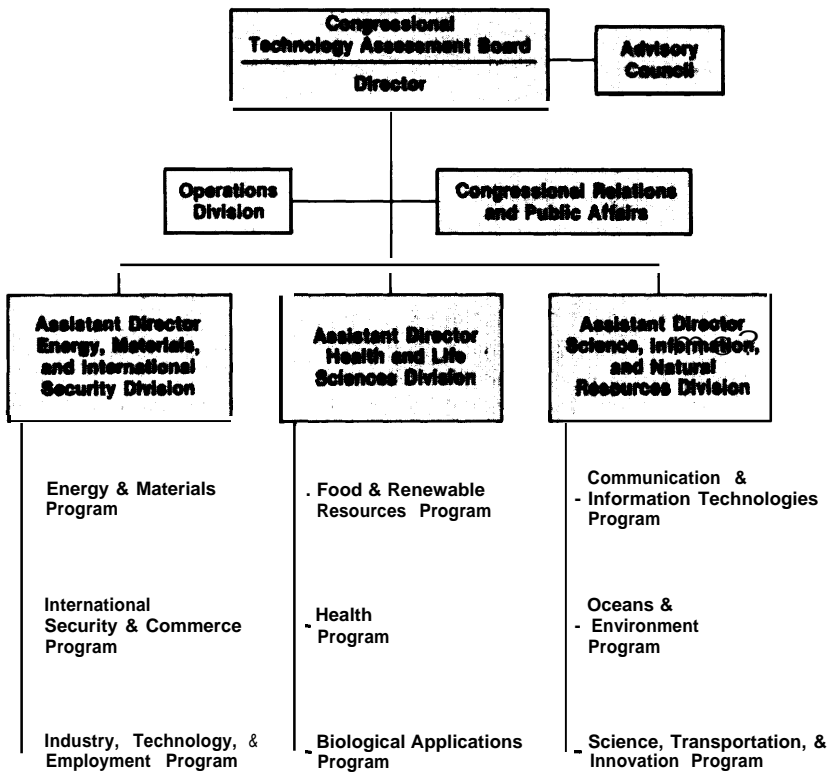
Staff professionals represent a wide range of disciplines and backgrounds, including the physical, biological, and environmental sciences, engineering, social sciences, law, and public administration. Professionals from executive branch agencies, detailed to OTA on a temporary basis, and participants in several congressional fellowship programs also contribute to the work of the Office.

Public Involvement

The private sector is heavily involved in OTA studies as a source of expertise and perspectives while an assessment is in progress. Contractors and consultants are drawn from industry, universities, private research organizations, and public interest groups.

OTA works to ensure that the views of the public are fairly reflected in its assessments. OTA involves the public in many ways—through advisory panels, workshops, surveys, and formal and informal public meetings. These interactions provide citizens with access to information and help OTA identify contrasts between the perspectives of technically trained and lay citizens.

OTA ORGANIZATION CHART



OPERATIONS

Publishing Activities

During the period January 1 through September 30, 1983, OTA delivered 36 published documents to Congress. These included: 11 assessment reports, 7 technical memoranda, 7 background papers, 3 health technology case studies, 1 workshop proceeding, and 7 administrative reports.

Requests for OTA Publications

During the period January 1 through September 30, 1983, OTA's Publishing Office received an average of 120 telephone and mail requests

per day. Additional requests were processed by OTA program offices and the OTA Congressional Relations and Public Affairs Office and are not included in the above statistics.

Private Sector Reprinting of OTA Publications

To date, 41 OTA publications have been reprinted (in whole or in part) by commercial publishers or private organizations. Among the reports reprinted during the 9-month period were the following:

- The International Council for Computers in Education, a nonprofit organization based in Eugene, Oreg., requested permission to reprint the *Summary: Information Technology and Its Impact on American Education* to be used in their international magazine THE COMPUTING TEACHER.
- Springer Publishing Co. (New York) reprinted the publication *Technology and Handicapped People*.
- The University of Phoenix requested permission to reprint the *Summary: The Implications of Cost-Effectiveness Analysis of a Medical Technology*. The document was used as learning material for a course on professional communications at the university.
- Harwood Academic Publishers (New York) requested permission to reprint the *Summary: Managing Commercial High-Level Radioactive Waste*.
- Pergamon International Information Corp. (Virginia) requested permission to reprint *MX Missile Basing* and *The Role of Genetic Testing in the Prevention of Occupational Disease*.
- Educational Research Service, Inc. (Virginia) reprinted the *Summary: Information Technology and Its Impact on American Education* in their periodical SCHOOL RESEARCH FORUM.
- ERIC Clearinghouse on Information Resources (funded by the National Institute of Education) requested permission to reprint the *Summary: Information Technology and Its Impact on American Education*.
- Nikkan Kogyo Shinbun-sha, a Japanese-based publishing company, requested permission to reprint in a Japanese version extractions of OTA's publication *Computer-Based National Information Systems*.

Private Sector Sales

The following is a partial listing of copies sold of reprinted OTA publications during calendar year 1983,

	Number of copies sold
Westview Press	
• Genetic Technologies: A New Frontier	3,905
• Technology and Soviet Energy Availability.	395
c Cancer Risks: Assessing and Reducing the Dangers in Our Society	887
• Energy From Biological Processes: Technical and Policy Options	304
McGraw Hill Publishing Co.	
c World Petroleum Availability: 1980-2000.	163
• Enhanced Oil Recovery Potential in the U.S.	75
• Energy From Biological Processes: Technical and Environmental Analyses.	50
• An Assessment of Oil Shale Technologies	191
Allanheld, Osmun & Co.	
• Technology and East-West Trade	159
• Residential Energy Conservation	115
q The Effects of Nuclear War.	7,126
Cheshire Books	
c The Day After Midnight: The Effects of Nuclear War . .	12,000
	<hr/> 25,270

Sales of Publications

Government Printing Office.—Sales of OTA publications by the Superintendent of Documents continue to increase. In fiscal year 1983 the number of titles put on sale was 132 and GPO sold 33,125 copies.

National Technical Information Service. -NTIS sells scientific reports and papers that are, generally, not in great demand but are useful for scientific researchers. NTIS is the outlet for OTA's assessment working papers and contractor reports, plus those reports that are out of print by GPO. NTIS has sold 30,218 copies of OTA reports through September 1983.

Organizational Roster of OTA Staff as of September 1983

OFFICE OF THE DIRECTOR

John H. Gibbons, *Director*
Sue Bachtel, Executive *Assistant*
Holly Gwin, *Secretary*
Barbara O'Bryan, *Secretary*

**Congressional Relations and
Public Affairs Office**

Edwin K. Hall, *Director of CRPA*
Linda Long, *Secretary*
Jean McDonald, *Press Officer*
Annette Taylor, *Assistant to the
Press Officer*
Eugenia Ufholz, *TAB/TAAC
Relations*

Medical Services

Rose McNair, *Resident Nurse*

**ENERGY, MATERIALS, AND
INTERNATIONAL SECURITY
DIVISION**

Lionel S. Johns, *Assistant Director*
Beth Alexiou, *Division Assistant*

**Technology and Economic
Transition**

Henry Kelly, *Project Director*
Debra Harris, *Administrative
Assistant*

Energy and Materials Program

Richard Rowberg, *Program Manager*
Thomas Bull, *Senior Analyst*
Alan Crane, *Project Director*
Nancy Naismith, *Project Director*
Steve Plotkin, *Project Director*
Mary Procter, *Senior Analyst*
Pidge Quigg, *Administrative
Assistant*
Jenifer Robison, *Project Director*
James Ryan, *Senior Analyst*
Edna Saunders, *Secretary*
Joanne Seder, *Analyst*
Richard Thoreson, *Senior Analyst*

**International Security and
Commerce Program**

Peter Sharfman, *Program Manager*
Douglas Adkins, *Senior Analyst*
John Alic, *Project Director*
Eric Bazques, *Analyst*
Bruce Blair, *Project Director*
Richard Dalbello, *Analyst*
Martha Harris, *Project Director*
Gordon Law, *Senior Analyst*
Nancy Lubin, *Analyst*
Dorothy Richroath, *Editorial
Assistant*
Jacqueline Robinson, *Administrative
Assistant*
Ray Williamson, *Project Director*

**Industry, Technology, and
Employment Program**

Audrey Buyrn, *Program Manager*
Lance Antrim, *Project Director*
Patricia Canavan, *Secretary*
Carol Drohan, *Administrative
Assistant*
Wendell Fletcher, *Senior Analyst*
Julie Gorte, *Project Director*
Joel Hirschhorn, *Senior Associate*
Karen Larsen, *Senior Analyst*
Suellen Pirages, *Senior Analyst*

**HEALTH AND LIFE SCIENCES
DIVISION**

H. David Banta, *Assistant Director*
Ogechee Koffler, *Division Assistant*

Biological Applications Program

Gretchen Kolsrud, *Program Manager*
Susan Clymer, *Research Analyst*
Robert Cook-Deegan, *Analyst*
David McCallum, *Senior Analyst*
Nanette Newell, *Project Director*
Elma Rubright, *Administrative
Assistant*
Louise Williams, *Senior Analyst*

Food and Renewable Resources Program

Walter E. Parham, **Program Manager**
Phyllis Balan, **Administrative
Assistant**
Nellie Hammond, **Secretary**
Alison Hess, **Research Analyst**
Barbara Lausche, **Project Director**
Michael Phillips, **Project Director**
Bruce Ross, **Project Director**
Carolyn Swarm, **Secretary**
Phyllis Windle, **Analyst**

Health Program

Clyde Behney, **Program Manager**
Anne Kesselman Burns, **Project
Director**
Virginia Cwalina, **Administrative
Assistant**
Hellen Gelband, **Project Director**
Michael Gough, **Senior Associate**
Jack Langenbrunner, **Analyst**
Brenda Miller, **Word Processor/
P.C. Specialist**
Jennifer Nelson, **Secretary**
Gloria Ruby, **Analyst**
Jane Sisk, **Project Director**

SCIENCE, INFORMATION, AND NATURAL RESOURCES DIVISION

John Andelin, **Assistant Director**
Doris Smith, **Division Assistant**

Communication and Information Technologies Program

Rick Weingarten, **Program Manager**
Lauren Ackerman, **Research
Assistant**
Prudence Adler, **Analyst**
Marjory Blumenthal, **Project Director**
Beth Brown, **Project Director**
Elizabeth Emanuel, **Administrative
Assistant**
Linda Garcia, **Analyst**
Shirley Gayheart, **Secretary**
Zalman Shaven, **Project Director**
Jean Smith, **Analyst**

Donna Valtri, **Project Director**
Marsha Williams, **Secretary**
Fred Wood, **Project Director**

Oceans and Environment Program

Robert Niblock, **Program Manager**
Chris Ansell, **Research Analyst**
William Barnard, **Project Director**
Kathleen Beil, **Administrative
Assistant**
Thomas Cotton, **Project Director**
James Curlin, **Senior Associate**
Robert Friedman, **Project Director**
Joan Ham, **Analyst**
Peter Johnson, **Project Director**
Daniel Kevin, **Analyst**
Jacqueline Mulder, **Secretary**
Kay Senn, **Secretary**
Paula Stone, **Senior Analyst**

Science, Transportation, and Innovation Program

William Mills, **Program Manager**
Phil Chandler, **Analyst**
Marsha Fenn, **Administrative
Assistant**
Karen Gamble, **Analyst**
Bryan Harrison, **Word Processor
Specialist**
Larry L. Jenney, **Project Director**
Paul Phelps, **Project Director**
Paula Walden, **Research Analyst**

OPERATIONS DIVISION

Bart McGarry, **Operations Manager**
Ann Woodbridge, **Management
Analyst**

Administrative Services

Thomas P. McGurn, **Administrative
Officer**
Susan Carhart, **Director of Contracts
and General Counsel**
Alexandra Ferguson, **Contract
Specialist**
Edith Franzen, **Conference Center
Coordinator**
Lisa Raines, **Contract Specialist/
Attorney**

Budget and Financial Operations

Jane Easton, Budget and **Finance Officer**
Joan Camino, Budget **and Finance Assistant**
Carolyn Harris, Budget **Specialist and Clerical Assistant**
Loretta O'Brien, **Data Base Administrator**

Information Center

Martha Dexter, **Manager, Information Services**
Suzanne Boisclair, **Information Technician**
Vermille Davis, **Information Technician**
Diane Rafferty, **Asst. Manager, Information Services**

Personnel Office

William Norris, **Personnel Officer**
Lola Craw, **Personnel Specialist**
Denise DeSanctis, **Personnel Assistant**

Publishing Office

John C. Holmes, **Publishing Officer**
John Bergling, **Graphic Designer/ Illustrator**
Kathie S. Boss, **Technical Specialist**
Debra Datcher, **Administrative Assistant**
Joe Henson, **Deputy Publishing Officer**