

## Section IV.-Organization and Operations

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Created by the Technology Assessment Act of 1972 [86 Stat. 797], OTA is an agency of the legislative branch of the Federal Government (a copy of the Act is found in app. C, p. 116). OTA 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 1984, 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 composed 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 positive and negative 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.

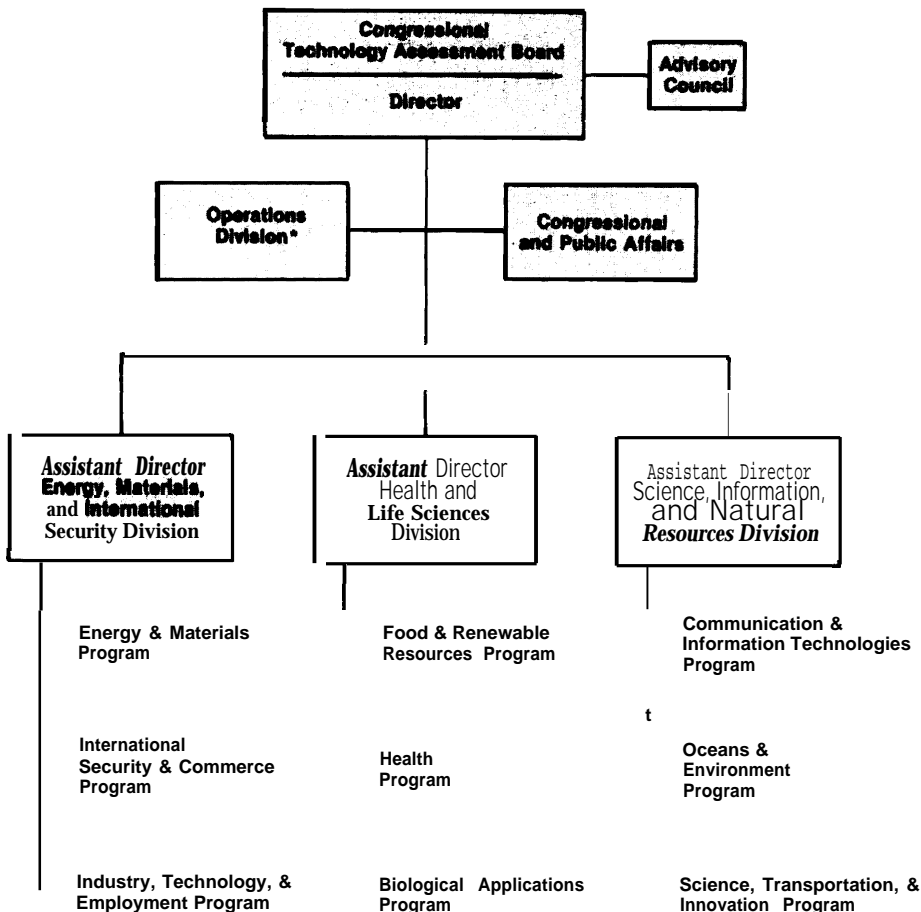
Staff professionals represent a wide range of disciplines and backgrounds, including the physical, biological, and environmental sciences, engineering, social sciences, law, and public administration. Professionals from executive branch agencies, detailed to OTA on a temporary basis, and participants 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

## OTA ORGANIZATION CHART



\* Operations Division consists of the following units: Administrative Services, Budget and Financial Operations, Information Center, Personnel Office, and Publishing Office.

meetings. These interactions provide citizens with access to information and help OTA to remain sensitive to the full array of perspectives, not only of the recognized stakeholders, but also of technically trained and lay persons.

## OPERATIONS

### Publishing Activities

During fiscal year 1984, OTA delivered 37 published documents to Congress. These included: 17 assessment reports, 5 technical memoranda, 4 background papers, 3 health technology case studies, 1 workshop proceeding, and 7 administrative reports.

#### ***Requests for OTA Publications***

During the period September 30 through October 1, 1984, OTA's Publishing Office received an average of 149 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, 44 OTA publications have been reprinted (in whole or in part) by commercial publishers or private organizations. Among the reports reprinted during the fiscal year were:

- Pergamon Press, Inc. (NY) reprinted the following: *Commercial Biotechnology: An International Analysis*, and *Computerized Manufacturing Automation: Employment, Education, and the Workplace*;
- Petrocelli Books, Inc. (NJ) reprinted *Computer-Based National Information Systems: Technology and Public Policy*;
- UNIPUB, Inc. (NY) reprinted *Acid Rain and Transported Air Pollutants*;
- National Technical Information Service (VA) reprinted *Health Case Study 27: Nuclear Magnetic Resonance Technology: A Clinical, Industrial, and Policy Analysis*.

#### ***Sales of Publications***

Government Printing Office.—Sales of OTA publications by the Superintendent of Documents continue to increase. In fiscal year 1984 the number of titles put on sale was 163 and GPO sold 25,176 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. During fiscal year 1984, NTIS sold 2,485 copies of OTA reports.

# Organizational Roster of OTA Staff as of September 1984

## OFFICE OF THE DIRECTOR

John H. Gibbons, *Director*  
Sue Bachtel, *Executive Assistant*  
Holly Gwin, *Research Analyst*  
Glenda Lawing, *Secretary*

## Congressional and Public Affairs Office

Mary Procter, *Director of CPA*  
Jean McDonald, *Press Officer*  
Ellen Mika, *Assistant to  
Press Officer*  
Karen Piccione, *Administrative  
Assistant*  
Eugenia Ufholz, *Congressional  
Relations Officer*

## 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*  
Linda Long, *Administrative Assistant*

## Energy and Materials Program

Richard Rowberg, *Program Manager*  
Peter Blair, *Senior Analyst*  
Thomas Bull, *Senior Analyst*  
Alan Crane, *Senior Associate*  
Steve Plotkin, *Senior Analyst*  
Pidge Quigg, *Administrative  
Assistant*  
Jenifer Robison, *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*  
Eric Bazques, *Analyst*  
Bruce Blair, *Analyst*  
Jannie Coles, *Secretary*  
Richard Dalbello, *Analyst*  
Gerald Epstein, *Analyst*  
Martha Harris, *Senior Analyst*  
Tom Karas, *Senior Analyst*  
Gordon Law, *Senior Analyst*  
Nancy Lubin, *Analyst*  
Dorothy Richroath, *Editorial  
Assistant*  
Jacqueline Robinson, *Administrative  
Assistant*  
Ray Williamson, *Senior Analyst*

## Industry, Technology, and Employment Program

Audrey Buyn, *Program Manager*  
John Alic, *Senior Analyst*  
Andrea Amiri, *Secretary*  
Lance Antrim, *Senior Analyst*  
Patricia Canavan, *Administrative  
Assistant*  
Wendell Fletcher, *Senior Analyst*  
Kitty Gillman, *Senior Analyst*  
Julie Gorte, *Analyst*  
Joel Hirschhorn, *Senior Associate*  
Karen Larsen, *Senior Analyst*  
Kirsten Oldenburg, *Analyst*

## HEALTH AND LIFE SCIENCES DIVISION

Roger Herdman, *Assistant Director*  
Ogechee Koffler, *Division Assistant*  
Kerry Kemp, *Division Editor*

## Biological Applications Program

Gretchen Kolsrud, *Program Manager*  
Robert Cook-Deegan, *Senior Analyst*  
Gary Ellis, *Analyst*

Robert Harootyan, *Analyst*  
Timothy Hart, *Senior Analyst*  
Linda Rayford, *Secretary*  
Sharon Smith, *Administrative Assistant*  
Louise Williams, *Senior Analyst*

#### **Food and Renewable Resources Program**

Walter E. Parham, *Program Manager*  
Patricia Durana, *Administrative Assistant*  
Nellie Hammond, *Secretary*  
Alison Hess, *Analyst*  
Michael Phillips, *Senior Analyst*  
Susan Shen, *Analyst*  
Carolyn Swarm, *Secretary*  
Phyllis Windle, *Analyst*

#### **Health Program**

Clyde J. Behney, *Program Manager*  
Anne Kesselman Burns, *Analyst*  
Virginia Cwalina, *Administrative Assistant*  
Beckie I. Erickson, *Secretary*  
Hellen Gelband, *Analyst*  
Cynthia King, *Analyst*  
Larry Miike, *Senior Analyst*  
Brenda Miller, *Word Processor/P.C. Specialist*  
Gloria Ruby, *Analyst*  
Jane Sisk, *Senior Associate*  
Judith Wagner, *Senior Analyst*

#### **Special Projects**

Michael Gough, *Senior Associate*  
Karl Kronebusch, *Analyst*

#### **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 Analyst*  
Prudence Adler, *Analyst*  
Marjory Blumenthal, *Analyst*  
Elizabeth Emanuel, *Administrative Assistant*  
Karen Gamble, *Analyst*  
Linda Garcia, *Analyst*  
Shirley Gayheart, *Secretary*  
Jennifer Nelson, *Research Assistant*  
Zalman Shaven, *Project Director*  
Jean Smith, *Analyst*  
Chuck Wilk, *Senior Analyst*  
Fred Wood, *Senior Analyst*

#### **Oceans and Environment Program**

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

#### **Science, Transportation, and Innovation Program**

Nancy Naismith, *Program Manager*  
Phil Chandler, *Senior Analyst*  
Marsha Fenn, *Administrative Assistant*  
Barry Holt, *Analyst*  
Larry L. Jenney, *Senior Analyst*  
Edith Page, *Analyst*  
Paul Phelps, *Analyst*  
Betty Jo Tatum, *Secretary*  
Lucia Turnbull, *Analyst*

## **OPERATIONS DIVISION**

**Bart McGarry, *Operations Manager***  
**John Bell, *Senior Systems Integration Analyst***

### **Administrative Services**

**Thomas P. McGurn, *Administrative Officer***  
**Susan Carhart, *General Counsel***  
**Alexandra Ferguson, *Director of Contracts***  
**Edith Franzen, *Conference Center Coordinator***  
**Bryan Harrison, *Office Automation Systems Analyst***  
**Jackie McGee, *Contracts Assistant***  
**Lisa Raines, *Attorney/Analyst***

### **Budget and Financial Operations**

**Jane Easton, *Budget and Finance Officer***  
**Joan Camino, *Budget and Finance Assistant***  
**Carolyn Harris, *Budget Specialist and Clerical Assistant***  
**Catherine Henry, *Budget, Financial, and Systems Analyst***  
**Phil Jackson, *Management Information Systems Coordinator***  
**Ted Wagner, *Accounting and Budget Analyst***

## **Information Center**

**Martha Dexter, *Manager, Information Services***  
**Suzanne Boisclair, *Information Technician***  
**Vermille Davis, *Information Technician***  
**Leslie Fleming, *Information Technician***  
**Gail Kouril, *Assistant Manager, Information Services***

### **Personnel Office**

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

### **Publishing Office**

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