

## Central Policy Files

### 1987

The Central Policy Files of the National Academies Archives contain the administrative records of the National Academy of Sciences and its operating arm, the National Research Council, as well as administrative records of the National Academy of Engineering and the National Academy of Medicine. The records in the Central Policy Files encompass operational and program papers documenting the operations and organization of the Academy complex and its study committees. The Academies' activities with international non-governmental scientific unions and organizations are particularly well-represented in the collection.

The documents that make up the Central Policy Files were created and/or received by the institution's Executive Offices in the course of conducting institutional business. The collection therefore only includes institutional, and not personal, papers. The records contained in the Central Policy Files are considered privileged records and are closed to the public for a period of twenty-five years. Records in the Central Policy Files twenty-five years old and older are open to qualified researchers.

The records in the Central Policy Files are organized according to the NAS Records System, the structure of which follows the organization of the institution at the time the records in question were created. Under this system, the placement of an activity within the collection may change over a period of years, corresponding to changes in the organization of the institution. Beginning with the arrangement of records created in 2000, a modified and streamlined version of the NAS Records System has been in place.

For ease of use, the Central Policy Files are divided into discrete date banks, each of which encompasses a given number of years. Outline finding aids to the Central Policy Files correspond to date banks as they exist in the Archives. Because the Academies' activities are so numerous and varied, it is not possible to give capsule descriptions of each. However, the individual entries in the outlines to the collection should provide a general idea of the scope and subject matter of the activities documented.

#### ADMINISTRATION

##### COMMITTEES & BOARDS

- Committees
  - Science Engineering & Public Policy
    - Meetings
    - Panels
      - Impact of National Security Controls on International Technology Transfer
      - Technology & Employment
        - Report: Review
        - General
    - Research Briefings for OSTP & Selected Federal Agencies (Office of Science & Technology Policy)
      - Panels: Trends in Scientific & Engineering Research
      - General

- General
  - Site Evaluation for Superconducting Super Collider
  - Space Policy
  - Space Station
    - Meetings
    - Membership
    - General
- Government-University-Industry Research Roundtable
  - Council: Meetings
  - Dialogue on Competitiveness
  - Funding
  - Multidisciplinary Research & Education Program in Universities: Paper: Sproull R & Hall H
  - General
- General

#### GOVERNING BOARD

- Executive Committee: Meetings
- Membership
- General

#### INSTITUTE OF MEDICINE (IOM)

- Council of the Institute: Meetings
- Fellowships: Health Policy
- Funding
  - Howard Hughes Medical Institute
  - W K Kellogg Foundation
  - General
- Meetings: Annual
- Membership
- Richard & Hinda Rosenthal Lectures
- Selected Boards of Divisions of IOM & Commission on Life Sciences
  - Funding: Public Health Service
- General

#### INSTITUTIONS-ASSOCIATIONS & INDIVIDUALS

- American Association for Advancement of Science
  - Workshops: Science Engineering & Public Policy Joint with Harvard University: Report
  - General
- American Association of Engineering Societies
  - Workshops: Management of Technology: Key to America's Competitive Future: Joint with NRC: Report
- American Chemical Society
- American Enterprise Institute

- American Medical Association
- American Physical Society
- Angle C: Indoor Air Pollutants: Manuscript
- Association of American Universities
- Berl W
- Broecker W: Drilling Program in Greenland
- Brookings Institution
- Case Western Reserve University: Michelson-Morley Centennial Celebration
- Conference Board
- Council on Competitiveness
- Council on Research & Technology
- DOSECC (Deep Observation & Sampling of Earth's Continental Crust Incorporated)
- Fenton E: Concern about Exposure to Radiation at Nuclear Tests
- George Washington University
- Harvard University
- Illinois Mathematics & Science Academy
- Incorporated Research Institutions for Seismology (IRIS)
- Industrial Research Institute
- Institute of Electrical & Electronics Engineers
- John D & Catherine T MacArthur Foundation
- Lawyers Alliance for Nuclear Arms Control
- Marine Biological Laboratory
- Massachusetts Institute of Technology
- National Academy of Public Administration
- National Center for Manufacturing Sciences
- National Coalition to Protect Our Pets Incorporated
- National Science Teachers Association
  - Presidential Awards for Excellence in Science & Mathematics Teaching
- New York Academy of Sciences
- Radcliffe College
- Ruebhausen O: Implications of ADEA Amendments of 1986 for Tenure & Retirement (Age Discrimination Employment Act): Paper
- Sigma Xi
- Skadden Arps Slate Meagher & Flom
- Triangle Coalition for Science & Technology Education
- University of Alaska
- University of Arizona
- University of California
- University of Southern California
- Upjohn Company
- Woods Hole Oceanographic Institution
- General

#### INTERNATIONAL RELATIONS

- Academies & Councils Abroad

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- Academy of Sciences of USSR
  - Royal Society of London
  - General
- Board on Science & Technology for International Development
  - Committee on Research Grants
  - Developments: Newsletter
  - NAS-Cameroon Cooperation
  - NAS-Indian Cooperation
    - Panels: Indo-US Science & Technology Initiative
      - Status Report
      - General
  - NAS-Indonesian Cooperation
  - NAS-Thai Cooperation
    - Technical Assistance Services to Science & Technology Development Board
      - Funding
      - Staff
      - General
    - General
- Panels
  - Advisory to AID Research Advisory Committee (Agency for International Development)
  - Assessment of Needs & Opportunities in Science & Technology Cooperation between US & Latin America
  - Review of Proposals Under AID Research Grants Program for Historically Black Colleges & Universities (HBCUs)
- Planning Meetings on Proposed Consultative Group on International Cooperation in Biological Diversity
- Research Programs
- Sino-American Scientific Cooperation
  - Workshops
    - Biotechnology in Agriculture: Panels
    - Sensor Technology
      - Panels: Membership
      - General
- Symposia: Science & Technology for Development: Joint with Agency for International Development Report
  - General
- Workshops
- General
- Committee on International Security & Arms Control: Briefings for Department of State
  - Meetings
    - Minutes
    - Joint with Academy of Science of USSR
  - Seminars: Reykjavik & Beyond
  - General
- Committee on Scholarly Communication with PRC (People's Republic of China) (ACLS\*-NAS-SSRC\*\*)
  - \*ACLS=American Council of Learned Societies    \*\*SSRC=Social Science Research Council

- NAS-CSCPRC Office: Beijing
- Subcommittee on Advanced Study in China: Membership
- Symposia: Tibet
- Visits
- General
- Exchange Programs
  - Czechoslovakia
  - German Democratic Republic
  - People's Republic of China
    - Committee for US-China Economics & Education Research
    - Field Research Project in Shangdong Province of China
    - Funding
    - Science Technology & Economic Development
    - Tibet: Research & Exploration
    - General
  - Poland: Workshops: Ecological Research & Environmental Protection
    - Panels
    - Report
  - USSR
    - Committee on Energy Conservation Research & Development: Joint with Commission on Engineering & Technical Systems
    - Participants
    - Views of NAS Membership
    - Workshops
    - General
  - USSR & Eastern Europe
    - Funding: National Science Foundation
    - General
  - General
- Institutions Associations Abroad
  - Center for Legislative Exchange
  - Clarke A
  - Cranpin S: Basis for Earthquake Prediction: Paper
  - Japan Society for Promotion of Science
  - University of Tokyo
    - Earthquake Research Institute
    - Poseidon Project
  - General
- International Conferences
- International Decade for Natural Hazards Reduction: Proposed
  - Advisory Committee
    - Meetings
    - Membership
    - Report
    - General
  - Pamphlet
  - UN Role

- General
- International Geosphere-Biosphere Program
  - Committee on Global Change
    - Funding: National Science Foundation
    - Membership
    - General
  - General
- International Organizations
  - Council of Academies of Engineering & Technological Sciences
    - Convocations: Sixth: Globalization of Technology
      - Advance Papers
      - Proceedings
    - General
  - International Council for Laboratory Animal Science
  - International Institute for Applied Systems Analysis
  - International Permafrost Association
  - International Society for Rock Mechanics
  - International Tunneling Association
  - Pacific Science Association
  - Radiation Effects Research Foundation
  - General
- International Unions
  - Biophysics
  - Chemistry
  - Crystallography
  - Geodesy & Geophysics
  - Geological Sciences
  - ICSU (International Council of Scientific Unions)
    - Advisory Committee
      - Bulletin
      - Funding
      - Handbook
      - Membership
      - General
    - Inter-Union Commissions: Lithosphere
    - Science International: Newsletter
    - General
  - Physics
  - Psychological Sciences
    - US National Committee: Workshops: Behavioral Aspects of Neurotoxicity
    - General
  - Radio
  - US National Committees
  - General
- NAS-Japanese Cooperation
  - Meetings: Symmetrical Access
  - Office of Japanese Affairs: Director: Search

- Visits: Press F: Briefing Documents
    - General
  - General
- Office of International Affairs (OIA)
  - Meetings: OIA Policy Studies on International Science & Technology Issues
  - Workshops: Revolution in Information & Communication: Technology & Conduct of US Foreign Affairs
    - Summary Report
    - General
  - General
- General

## LEGAL MATTERS

- Cases of Interest to NAS
  - IHI Kemron Inc: Bankruptcy Proceedings
  - National Association of Radiation Survivors versus Thomas K Turnage et al
    - Witnesses: Eisenbud M
  - Solarex Corporation & RCA Corporation versus Arco Solar Inc
  - USA versus General Motors Corporation
- Citations
- Herbert versus NAS
- Luks versus NAS
- Plough Inc versus NAS
- General

## NATIONAL ACADEMY OF ENGINEERING (NAE)

- The Bridge
- Conferences: Design & Analysis of Integrated Manufacturing Systems: Report
- Council of the Academy: Meetings
- Engineering Economic Growth: President's Report
- Meetings: Annual
- NAE Fund: Articles of Incorporation & Bylaws
- New Members Yearbook
- Technology Agenda to Meet Competitive Challenge
- General

## NATIONAL ACADEMY OF SCIENCE (NAS)

- Committee on Human Rights
- Committee on Resources
- Committee on Structure of Academy: Ad Hoc
- Constitution & Bylaws
- Convocations: Role of Universities in Elementary & Secondary Education: Proposed
- Council of the Academy
  - Meetings

- General
- Foreign Associates
- Funding: W K Kellogg Foundation: Proposal
  - General
- Meetings
  - Annual
  - Regional Roundtables
- Membership
  - Broecker W
  - Cranberg L
  - Garwin R
  - Mailing Addresses
  - Nominee: Huntington S
  - Role of Social & Behavioral Sciences
  - Sections
  - Seitz F
  - General
- Panel to Advise NSF on Basic Science & Technology Centers (National Science Foundation)
  - Background Documents
  - Meetings
  - Membership
  - Report
  - General
- President's Letter to Members
- Proceedings
- Seminars: Arthur M Sackler International Seminars
- Trust Funds
- Visits
  - Delegation of Advisors to USSR: General Secretary M Gorbachev
  - Director of National Environmental Protection Agency of PRC (People's Republic of China): Qu G
  - General Secretary of USSR: Gorbachev M: Proposed
  - Prime Minister of Sweden: Carlsson I
- General

#### NATIONAL RESEARCH COUNCIL

- Chairmen of Commissions Offices & Boards
- Managing Growth in NRC
- Peer Review in Research System & NRC: Discussions
- General

#### OFFICES & PROGRAMS

- Administration: Reorganization
- Academy Industry Program

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- Symposia: Industrial Research & US Technology Leadership: Joint with Polaroid Corporation
  - General
- Archives & Information Services
  - Union List of Periodicals Held by NRC Libraries
  - General
- Archives & Records Management: Requests for Documents & Information
- Automation Services: Review & Reorganization
  - General
- Computer & Information Technology
- Cultural Programs: Arts in the Academy
  - Programs
  - General
- Government & Public Affairs
- General

## ORGANIZATION

- Activities: Competitiveness
- Communications
  - Directories
  - General
- Meetings
  - Congressional Dialogue on Science Technology & Economic Competitiveness
  - Woods Hole
- Members: NAS-NAE-IOM: Formal Listing
- Methods & Systems
  - Automation Systems: Review by Coopers & Lybrand
  - General
- Policies & Procedures
  - Legislative Relations
  - General
- Presidents of NAS-NAE-IOM: Meetings
- Projects Proposed
  - Board on Physical Sciences Education
  - Cost Effectiveness of US Foreign Policy Export Controls
  - Global Commons: 1990 - 2010
  - Oil & Gas Potential & Ecological Resources of Coastal Plain
  - Research Needs in Forest Biology
  - General
- Public Access to NAS Information
- Record File of Letters
  - Associate General Counsel: Mosley A
  - General Counsel: Wright J
- Staff
  - Awards
  - Committee to Review Human Studies

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- Meetings
  - Membership
  - General
- Executive Directors
  - Meetings
  - General
- Senior Staff
  - Meetings
  - General
- Staff Retreat
- General
- General

## PROTECTION

- 1987

## PUBLIC RELATIONS

- Bulletin Board
- Calendar of Events
- Footnotes
- Inaugurations Ceremonies Speeches: Speeches
  - Press F
    - Argonne National Laboratory
      - Dinner: Remarks
    - Arthur M Sackler Museum of Art
      - Dedication: Recreations with Muses: Creativity in Arts & Sciences: Opening Remarks
    - Centers for Disease Control
      - Charles C Shepard Science Award Program: DNA in Washington: Address
    - Corcoran Gallery of Art
      - Society of Toxicology: Twenty-sixth Annual Meeting: Comments
    - Japan
      - Nagoya: International Decade for Natural Hazards Reduction
      - Osaka: International Decade for Natural Hazards Reduction
    - Monsanto Company
      - Board of Directors & Guests: Remarks
    - NSTA (National Science Teachers Association)
      - Thirty-fifth National Convention: Guest Speaker: President of Royal Society of London: Sir George Porter: Introduction
    - Science Council of Japan
      - National Committee for Natural Hazards: Research: International Decade for Natural Hazards Reduction: Address
    - University of North Carolina
      - Science in New Era
    - University of Texas Health Science Center

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- Dedication of Cecil & Ida Green Biomedical Sciences Building
  - General
- Meetings: Formal Listing
- News Report
- Newspaper Articles on Science: Paper Clips
- Press Releases
- Public Affairs Network
- Radio TV & Film
  - Academy Radio Series: Why in the World: Joint with Broadcast Group
  - TV Series: Infinite Voyage: WQED: Joint with NAS: NAS Film Committee
  - General
- General

## PUBLICATIONS

- Articles: Technological Competition & Western Alliance: Press F
- Henry Papers
- Issues in Science & Technology
  - Advisory Board
  - Articles Associate Editor
  - Editor
  - Funding
    - University of California
    - Weingart Foundation
    - General
  - Subscriptions
  - Termination
    - Inquiries
      - McGraw-Hill Book Company
      - Science Reviews Limited
      - Scientific American
      - Technology Review
    - General
  - General
- National Academy Press
  - Complete Catalog of Books & Periodicals Report
  - Announcements
  - Visiting Committee
    - Meetings
    - General
  - General
- Physics Today: Reelected to Lead Academy: Press Talks about Science Issues
- Report Review Committee
  - Meetings
  - Reviewers
  - General
- Reports

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- Committee on Outreach & Dissemination of NRC Reports: Ad Hoc
  - Dissemination Guidelines
- Request for Reports
- Selected Upcoming Reports from NRC
- Status
- Title Pages: Standardized Format
- General
- Statistical Portrait of Black PhDs: Manuscript: Fechter A
- Washington Post: Social Scientists are Real Scientists: Press F
- General

## PROGRAMS OF THE INSTITUTE OF MEDICINE (IOM)

### COMMITTEES

- Aging Society
- National Needs for Biomedical & Behavioral Research Personnel
- National Strategy for AIDS (Acquired Immune Deficiency Syndrome)

### DIVISION OF HEALTH CARE SERVICES

- Committees
  - Utilization Management by Third Parties
  - Assess Extent & Adequacy of Coverage for Treatment of Substance Abuse
  - Design Strategy for Quality Review & Assurance in Medicare
  - Study Future of Public Health Committee to Study Role of Allied Health Personnel
- General

### DIVISION OF HEALTH PROMOTION & DISEASE PREVENTION

- Committees
  - Review of Epidemiologic Study of Neurologic Illness & Vaccination in Children
  - CDC Study of Health of Vietnam Veterans (Centers for Disease Control)
  - Effects of Medical Liability on Delivery of Maternal & Child Health Care
  - Health Objectives for Year 2000
  - Human Health Risk Assessment of Using Antibiotics in Animal Feeds
  - National Agenda on Aging Committee on Prenatal Care Outreach
  - Role of Physician in Occupational & Environmental Medicine
- Conferences: Evaluation of Poliomyelitis Vaccine
- Council on Health Care Technology
  - Committee to Recommend Process to Determine General Availability of New or Improved Diagnostic Techniques for Disability Evaluation Under Social Security
  - Conferences
  - Funding
  - Health Care Technology Forum Series: Care of Elderly Patient
    - Policy Issues & Research Opportunities: Report
  - Membership

- Panels
  - General
- General

#### DIVISION of HEALTH SCIENCES POLICY

- Committees
  - Assessing Research Capabilities in Obstetrics & Gynecology
  - Policies for Allocating Health Science Research Funds
  - Promoting Research Collaboration in Physical- Engineering Sciences & Biological-Clinical Sciences: Joint with CPSMR (Commission on Physical Sciences Mathematics & Resources)
  - Research Opportunities on Prevention & Treatment of Alcohol-Related Problems
  - Responsible Conduct of Research
    - Workshops: Scientific Responsibilities & Quality Assurance in Health Sciences Research
- Forum on Drug Development & Regulation
- General

#### DIVISION ON INTERNATIONAL HEALTH

- Committees
  - Oversight of AIDS Activities (Acquired Immune Deficiency Syndrome): Joint with NAS
  - Contacts in Health in USSR & Eastern Europe: Advisory: Joint with OIA (Office of International Affairs)
  - Contraceptive Development: Joint with CBASSE (Commission on Behavioral & Social Sciences & Education)
  - Mid-East Regional Health Research & Development for Control of Infectious Diseases
  - Women's Work for Health in Developing Countries
- Workshops
  - Collaboration in Drug Development Against AIDS
  - Modeling Spread of Infection with Human Immunodeficiency: Virus & Demographic Impact of AIDS
  - Promoting Vaccine Development Against AIDS
- General

#### DIVISION OF MENTAL HEALTH & BEHAVIORAL MEDICINE

- Committees
  - Alcohol Treatment
  - Clinical Research on Child & Adolescent: Mental Disorders
  - Pain Disability & Chronic Illness Behavior
- Symposia: Medical Implications of Nuclear War
- General

#### PROGRAMS OF THE NATIONAL RESEARCH COUNCIL (NRC)

## BOARD ON AGRICULTURE

- Committees
  - Agricultural Productivity Profitability: Competitiveness: Understanding Linkages & Public Policy Impacts
  - Animal Nutrition
  - Evaluation of Trends in Competency Needs in Agricultural Research at Doctoral & Post-Doctoral Level
  - Managing Global Genetic Resources
  - National Strategy for Biotechnology in Agriculture
  - Peer Review Procedures Used by USDA-ARS to Evaluate Proposed In-House Research Projects (US Department of Agriculture-Agricultural Research Service)
  - Scientific & Regulatory Issues Surrounding Pesticides in Diets of Infants & Children: Joint with CLS (Commission on Life Sciences)
  - Scientific & Regulatory Issues Surrounding Pesticides in Diets of Infants & Children: Joint with BEST (Board on Environmental Studies & Toxicology)
  - Scientific & Regulatory Issues Underlying Pesticide Use Patterns & Agricultural Innovation
- Meetings
- Membership
- General

## COMMISSION ON BEHAVIORAL & SOCIAL SCIENCES & EDUCATION

- Board on International Comparative Studies in Education
- Committees
  - AIDS Research & Social & Behavioral Sciences (Acquired Immune Deficiency Syndrome)
    - Funding
    - Membership
    - General
  - Basic Research in Behavioral & Social Sciences
  - Child Development Research & Public Policy
    - Membership
    - National Forum on Future of Children & Their Families: Joint with Institute of Medicine
      - Steering Group
      - General
    - Panels
      - Adolescent Pregnancy & Childbearing
      - Child Care Policy
      - High Risk Youth
    - General
  - Contributions of Behavioral & Social Sciences to Prevention of Nuclear War
  - General Aptitude Test Battery Committee on Hearing Bioacoustics & Biomechanics
    - Funding: ONR (Office of Naval Research)
    - Panels: Removal of Noise from Speech Noise Signal
    - General

- Human Factors
  - Funding
  - Panels
    - Human Factors Research Needs for Aging Population
      - Report
      - General
    - Pilot Performance Models in Computer Aided Design Facility
  - General
- National Statistics
  - Panels
    - Confidentiality & Data Access
    - Decennial Census Methodology
    - Foreign Trade Statistics
  - General
- New Technologies in Cognitive Psychophysiology
- Performance of Military Personnel
- Population
- Research in Mathematics Science & Technical Education
- Research on Law Enforcement & Administration of Justice
  - Funding
  - Membership
  - Panels: Perceptions of Legal Institutions & Processes
  - Working Groups: Communities & Crime
  - General
- Research Opportunities & Applications in History of Science & Technology
- Risk Perception & Communication
  - Membership
  - General
- Status of Black Americans
  - Funding
  - General
- Techniques for Enhancement of Human Performance
- Use of Volunteers in Classrooms
- Vision
  - Funding
  - Working Groups: Wrap-Around Visual Displays
  - General
- Women's Employment & Related Social Issues
  - Panels: Pay Equity Research: Workshop: Report
  - General
- Convocations: Role of Universities in Elementary & Secondary Education: Planning Meeting
- Executive Director: Search
- Meetings
- Studies: Potential Consequences of Elimination of Mandatory Retirement in Institutions of Higher Learning
- General

## COMMISSION ON ENGINEERING & TECHNICAL SYSTEMS

- Aeronautics & Space Engineering Board
  - Committees
    - Assessment of National Aeronautical Wind Tunnel Facilities
    - Space Shuttle Criticality Review & Hazard: Analysis Audit
    - Advanced Space Technology
  - Membership
  - Workshops: Space Station Engineering Design Issues
- Air Force Studies Board
  - Committees
    - Advanced Robotics for Air Force Operations
    - Hypersonic Technology for Military Applications
    - Optical Data Collection for Missile Test: Observation
    - US Space Command
  - Membership
  - Twenty-Fifth Anniversary: Symposium: Air Force Research & Development
  - General
- Board on Army Science & Technology
  - Committees
    - Review of Army Vulnerability Assessment Methods
    - Army Tactical Explosive System
    - Review & Evaluation of Army Chemical Stockpile Disposal Program
      - Funding
      - Indemnification from Liability
      - Membership
      - General
  - Panels: Chemical Research Development & Engineering
  - General
- Board on Telecommunications & Computer Applications
  - Committees
    - Computer Security in Department of Energy
    - Impact of Technology on Movement of Mail through Year 2000
    - Review of Logistic Systems Modernization for Defense Logistics Agency
    - Security of US Air Force Headquarters: Communication-Computer Systems
  - Membership
  - Reorganization
  - General
- Building Research Board
  - Committee on International Construction Industry
  - Committee on National Research Agenda
    - Workshops: Better Buildings in Twenty-first Century: Report
  - Cooperative Agreement for Technology Transfer: Joint with Federal Laboratory Consortium (FLC) for Technology Transfer
    - Memorandum of Understanding
  - Federal Construction Council
    - Committees



- Analytical Methods of Designing Buildings for Firesafety
    - Budget Estimating Techniques
    - Improving Design Quality of Federal Buildings
    - Protection of Federal Facilities Against Terrorism
  - Funding
  - General
- Membership
- Public Facilities Council
- General
- Committees
  - Cross-Disciplinary Engineering Research
  - Earthquake Engineering
    - Panels: Seismic Policy Adoption & Implementation
    - General
  - Infrastructure Innovation: Joint with Commission on Behavioral & Social Sciences & Education & Transportation Research Board
    - Funding
    - National Council on Public Works Improvement
    - Membership
    - Panels
    - Report
    - Workshops
    - General
  - NASA Scientific & Technological Program Reviews (National Aeronautics & Space Administration)
    - Panels: Technical Evaluation of Redesign of Space Shuttle Solid Rocket Booster
    - General
  - Natural Disasters
- Energy Engineering Board
  - Committees
    - Film Badge Dosimetry in Atmospheric Nuclear Tests
    - Magnetic Fusion in Energy Policy
    - Mobile Electric Power Plant Technologies
    - Space Based High Power Technologies
    - Special Nuclear Materials
    - To Assess Nuclear Engineering Education in US
    - To Review Gas Research Institute's Research: Development & Demonstration Program
  - Five-Year Research Plan
  - Funding: Department of Energy: Proposal
  - Meetings
  - Membership
  - Report Listing: 1976-1987
  - General
- Funding
- Geotechnical Board
- Manufacturing Studies Board

- Committees
  - Advanced Manufacturing Technologies for Rocket & Satellite Production
  - Analysis of Research Directions & Needs in US Manufacturing
  - Causes & Consequences of Internationalization of US Manufacturing
  - Continued Examination of Public Policy Issues in US Manufacturing
  - Defense Manufacturing Strategy
  - Design & Manufacturing Research at DARPA (Defense Advanced Research Projects Agency)
  - Electronics Automation
  - Japan-US Manufacturing Research Exchange
  - Manufacturing Engineering Professional in Year 2000
  - Manufacturing Process Technology Transfer Among US Army Contractors
  - Manufacturing/Production Strategies for Defense Material Procurement
  - Rapid Prototyping Facilities in US Manufacturing Research Community
  - Technical Barriers to Computer Integration of Manufacturing
  - To Review Army Robotics & Artificial Intelligence
- Conferences
- Membership
- Workshops: Semiconductor Industry & National Laboratories: Joint with National Materials Advisory Board
- General
- Marine Board
  - Committees
    - Alternative Strategies for Obtaining Ship Services
    - Alternatives for Inspection of Outer Continental Shelf Operations
    - Marine Environment Monitoring Committee on Marine Structures
    - Opportunities to Improve Marine Observations & Forecasting
    - Productivity of Marine Terminals
  - Funding: Department of Interior
  - Programs
  - General
- Meetings
  - General
- National Materials Advisory Board
  - Committees
    - Civil Aviation Security
    - Competitiveness of Minerals & Metals Industries
    - Industrial Energy Conservation
    - Liquid Crystalline Polymers
    - Materials for High-Density Electronic Packaging
    - Materials Refurbishment Technology for Energy Systems
    - Strategies for Rehabilitation of Urban Wastewater Collection (Sewer) Systems
    - Technologies for Preparing Beryllium Metal
  - General
- Space Applications Board
  - Committee on NASA Space Communications RD&A (National Aeronautics & Space Administration): Symposia: Report
  - General

- Water Science & Technology Board: Joint with Commission on Physical Sciences Mathematics & Resources
  - Colloquia: Great Lakes Water Levels
  - Committees
    - Coastal Erosion Zone Management Under National Flood Insurance Program: Joint with Marine Board
    - Irrigation-Induced Water Quality Problems
    - US Geological Survey Water Resources Research
    - To Assess Ground Water Models Committee to Assess Opportunities in Hydrologic Sciences Funding
      - Meetings
      - Membership
      - General
    - To Review Lake Tahoe Water Quality Monitoring Program
  - Funding
  - Newsletter
  - General
- Workshops: Recruitment of Young People into Science & Engineering: Joint with Commission on Life Sciences Commission on Physical Sciences Mathematics & Resources & Office of Scientific & Engineering Personnel
- General

#### COMMISSION ON LIFE SCIENCES

- Board on Basic Biology
  - Committees
    - Biodiversity
    - High School Biology Education
      - Funding
      - Membership
      - General
    - Introduction of Genetically Engineered Organisms into Environment
      - NAS Position Paper
    - Mapping & Sequencing Human Genome
    - Scientific Evaluation of Introduction of Genetically Modified Microorganisms & Plants into Environment
  - Meetings
  - General
- Board on Environmental Studies & Toxicology: Joint with CPSMR (Commission on Physical Sciences Mathematics & Resources)
  - Committees
    - Advances in Assessing Human Exposure to Airborne Pollutants
    - Animals as Monitors of Environmental Hazards
    - Biological Markers Committee on Chemical Toxicity & Aging
    - Improving Science & Technology Programs of National Park Service
    - Markers of Air-Pollutant Exposure in Trees
    - Mono Basin Ecosystem Study

- Neurotoxicology & Risk Assessment
  - Opportunities in Applied Environmental Research & Development
  - Options for Preserving Cape Hatteras Lighthouse
  - Passive Smoking
    - Report: Comments: Schwartz S
    - General
  - Safe Drinking Water Committee on Toxicology
    - Membership
    - Studies: Methods for Assessing Atmospheric Contaminants in Spacecraft
    - Subcommittee on Dibromochloropropane
    - Subcommittee on Dioxin
    - Subcommittee on Submarine Air Quality
    - General
  - To Evaluate Mass Balance Information for Facilities Handling Toxic Substances
  - To Review Outer Continental Shelf Environmental Studies Program
- Conferences: Valuing Health Risks Costs & Benefits for Environmental Decision Making: Report
- Funding: Agency for Toxic Substances & Disease: Registry
- Meetings Membership
- Toxicology Information Center (TIC): Committee to Review Toxicology Information Center: Ad Hoc
- General
- Board on Radiation Effects Research
  - Committee on Biological Effects of Ionizing Radiation
  - General
- Committee on Science & Creationism
- Follow-up Agency
  - NAS-NRC Twin Registry
  - Subcommittee on CROSSROADS Nuclear Test
  - General
- Food & Nutrition Board
  - Committees
    - Diet & Health
    - Food Additives Survey Data
    - Food Chemicals Codex
    - Guidelines on Diet & Health
    - International Nutrition Programs
      - Membership
      - Subcommittee on Nutrition & Diarrheal Disease Control
    - Military Nutrition Research
    - Nutritional Status During Pregnancy & Lactation
  - Conferences: Nutrition & Health: Issues & Directions: Joint with Institute of Medicine
  - Membership
  - Subcommittee on Tenth Edition of Recommended Dietary Allowances
  - General
- Institute of Laboratory Animal Resources

- Committee on Guidelines for Recognition & Alleviation of Pain & Distress in Laboratory Animals
  - Funding
  - General
- Meetings
- Membership
- Studies: Use of Laboratory Animals in Biomedical & Behavioral Research: Joint with Institute of Medicine
- General

#### COMMISSION ON PHYSICAL SCIENCES, MATHEMATICS & RESOURCES

- Boards & Committees
  - Meetings: Schedules
- Board on Assessment of National Bureau of Standards (NBS): Programs
  - Panels
    - Applied Mathematics
    - Electronics & Electrical Engineering
    - Institute for Computer Sciences & Technology
    - Radiation Research
    - General
  - General
- Board on Atmospheric Sciences & Climate
  - Climate Research Committee
  - Committee on Solar Physics
  - Committee on Solar-Terrestrial Research
  - Panels: Meteorological Support for Space Operations
  - General
- Board on Chemical Sciences & Technology
  - Committee on Nuclear & Radiochemistry
  - Committee to Survey Opportunities in Chemical Sciences: Report: Student Edition
  - Funding
  - Panels
    - AFOSR Chemical Sciences Review (Air Force Office of Scientific Research)
    - Future Directions in Fundamental Research for Fossil Energy
  - Seminars: Interfaces & Thin Films
    - Abstracts & Papers
    - General
  - General
- Board on Earth Sciences
  - Committees
    - Advisory to US Geological Survey
    - Future of Solid Earth Sciences
    - Geodesy
      - Meetings: Geodesy in Year 2000: Joint with American Geophysical Union: Report
      - General

- Global & International Geology: International Role of US Geoscience: Report
  - Seismology
    - Funding
    - General
  - Funding
  - Meetings
  - Membership
  - Summit Meeting of Professional Society Presidents &/or Executive Directors
  - Symposia: National Geographic Information Systems
  - General
- Board on Mathematical Sciences
  - Committee on Applied & Theoretical Statistics
    - Symposia: Statistics in Science Industry & Public Policy: Report
    - General
  - Membership
  - Panels: Mathematical Sciences Program at NSA (National Security Agency)
  - General
- Board on Mineral & Energy Resources
  - Committee on Abandoned Mine Lands Research Priorities
  - Committee on Hydrocarbon Research Drilling
  - Funding: Department of Interior
  - General
- Board on Physics & Astronomy
  - Committee on Atomic & Molecular Science
  - Committee on Radio Frequencies
  - Committee on Recommendations for US Army Basic Scientific Research
  - Funding
  - Solid State Sciences Committee
    - Funding
    - Panels: Photonics Science & Technology Assessment
    - Studies: Materials Science & Engineering: Joint with National Materials Advisory Board
      - Funding
      - General
    - General
  - General
- Board on Radioactive Waste Management
  - Studies: Commercial Repository Site Characterization
  - General
- Committees
  - Advanced Reactor Technologies for Tritium Production: Joint with Commission on Engineering & Technical Systems
  - Geophysical Data
  - Research Need & Opportunities in Risk Analysis
  - To Assess Safety & Technical Issues at DoE Reactors (Department of Energy): Joint with GETS (Commission on Engineering & Technical Systems)
- Computer Science & Technology Board

- Committee to Study Developments in Computer Science & Technology as They Relate to Export Controls
  - Committee to Study Utility & Design of National Research Network
  - Funding
  - Review of NASA Computer Science Research Program (National Aeronautics & Space Administration)
  - General
- Funding
- Geophysics Study Committee
- Meetings
- Membership
- Naval Studies Board
  - Panels: Review of ONR Research Opportunities (Office of Naval Research)
    - Atmospheric Sciences
    - General
  - Studies: Navy of Twenty-first Century
    - Panels
      - Coordination & Integration
      - Education & Training
      - Naval Forces Concept
      - Radioelectronic Battle Management
      - Surface Vehicle Technology
      - Threat Intelligence
      - Underwater Technology
      - General
    - General
  - General
- Numerical Data Advisory Board
  - Committee on Very Large Data Bases
  - Concern About Proposed Privatization of NTIS (National Technical Information Service)
  - Funding
  - General
- Ocean Studies Board
  - Workshops: Mid-Oceanic Ridge
  - General
- Polar Research Board
  - Committee on Assessment of Arctic Solid Earth Geosciences
  - Committee on Polar Social Sciences
  - Funding
    - Department of Energy
    - National Science Foundation
    - General
  - Working Group on Polar Oceans Research Platforms
  - General
- Space Science Board
  - Committees
    - Major Directions for Space Science

- Planetary & Lunar Exploration
  - Planetary Biology & Chemical Evolution
  - Solar & Space Physics
  - Space Astronomy & Astrophysics
  - Space Biology & Medicine Expendable Launch Vehicles
- Letter Report: Transmittal Letter: Comments
- Membership
- General
- General

## MATHEMATICAL SCIENCES EDUCATION BOARD

- Committees
  - Criteria for Excellence in Mathematics Education Joint with NCTM (National Council of Teachers of Mathematics)
  - Mathematical Sciences in the Year 2000: Joint with Board on Mathematical Sciences
    - Funding
      - National Science Foundation
      - National Security Agency
    - Membership
    - General
  - Reformation of Teaching Calculus
    - Conferences: Teacher of Mathematics: Issues for Today & Tomorrow: Proceedings
    - General
- Executive Committee: Meetings
- Executive Director: Meetings with Executive Officers
- Funding
  - Air Force Office of Scientific Research
  - Army Research Office
  - Defense Advanced Research Projects Agency
  - Department of Education
  - Department of Energy
  - National Aeronautics & Space Administration
  - National Institutes of Health
  - National Science Foundation
  - National Security Agency
  - Office of Naval Research
  - General
- Luncheon for Directors of Federal Research Agencies
- Meetings
  - Sponsors' Meeting
- Membership
- National Center for Research in Mathematical Sciences in Education: Joint with Wisconsin Center for Education Research
- Studies: K-12 Mathematics Curricula: Committee on Models for K-12 Mathematics Curricula
- Symposia



- International Comparisons of Mathematics Education: Policy Implications for US
  - Mathematics Education: Wellspring of US Industrial Strength
- General

#### OFFICE OF SCIENTIFIC & ENGINEERING PERSONNEL

- Advisory Committee
- Associateships
  - Advisory Committee
  - Aerospace Corporation
  - Air Force: Patents
  - Army: Catalogue of Research Opportunities Offered to Research Associates in Participating US Government Laboratories: 1987-1988: Bulletin
  - Evaluation Panels
  - NASA (National Aeronautics & Space Administration)
  - NBS (National Bureau of Standards)
  - NOAA (National Oceanic & Atmospheric Administration)
  - Navy
    - Patents
    - General
  - Portable Postdoctoral Program
  - General
- Committees
  - Data Needs for Monitoring Labor Market Conditions for Engineering
  - Engineering Labor Market Adjustments
  - International Exchange & Movement of Engineers
  - Time-to-Degree by Doctorates in Science & Engineering
- Fellowships
  - Ford Foundation
    - Minority Doctoral Fellowships Program: Evaluation Panels
    - Minority Postdoctoral Fellowships Program: Evaluation Panels
    - General
  - Howard Hughes Medical Institute
    - Doctoral Fellowship Program in Biological Sciences
  - National Science Foundation
    - Graduate Fellowship Program: Evaluation Panels
    - Minority Graduate Fellowship Program: Evaluation Panels
    - General
  - General
- Survey of Doctorate Recipients
- General

#### STRATEGIC HIGHWAY RESEARCH PROGRAM

- Advisory Committee
- Budget
- Conflict of Interest

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- Contracts
  - Awards: Congressional Notification
  - TRDF (Texas Research & Development Foundation)
  - General
- Executive Committee
  - Meetings
  - Membership
  - General
- Focus: Newsletter
- Information & Instructions for Preparing Proposals: Brochure
- Insurance
- Liability
- Organization
- Patent Policy
- Pavement Materials Research Center
- Procedural Manual for Contractors Conducting Research
- Program Announcements
- Research Areas
- General

#### TRANSPORTATION RESEARCH BOARD

- Committees
  - NRC Oversight: Membership
  - Study on Pipelines Land Use & Public Safety
  - Study to Identify Measures that May Improve Safety of School Bus Transportation
  - Benefits & Costs of Alternative Federal Blood Alcohol Concentration Standards for Commercial Vehicle Operators
  - Geometric Design Standards for Highway Improvements
  - New Organizational Patterns in Urban Public Transportation
  - Relationship between Vehicle Configuration & Highway Design
  - To Identify Research Needs in Occupant Restraints
- Conferences: New Organizational Responses to Changing Transit Environment: Proceedings
- Executive Committee
  - Meetings
  - Membership
  - General
- National Cooperative Highway Research Program
- National Cooperative Transit Research & Development Program
- Panels
  - Airport Macrosystem Review
  - Graduate Research Award Program on Public-Sector: Aviation Issues
  - Peer Review of Application Review Criteria for University Transportation Centers Grant Program
- Studies: Cost Effectiveness of State Motor Vehicle Inspection Programs: Proposed
- Summer Minority Transit Internship Program

- Task Force: Review Guidelines for Construction Management Developed for Urban Mass Transportation Administration
- TRNews
- General

## FINANCE & ACCOUNTING

### ACCOUNTING

- Auditing Committee
  - Meetings
  - General
- General

### BUDGETS

- Estimates of Expenditures: Fiscal Year 1988
- National Academy of Sciences
- NRC Budget Committee: Joint with NAS NAE IOM
- Office of Automation Services: Fiscal Year 1988
- Program Expenditures
- Program Initiation & Proposal Preparation Funds: Fiscal Year 1988
- General

### CONTRACTS

- Air Force
- Broadcast Group
- Consultant Agreements
- Department of Energy
- Department of Labor
- Department of Technical & Economic Cooperation (DTEC) (Thailand) Science & Technology Advisory Services to STDB of Thailand (Science & Technology Development Board)
  - Grant Agreement
  - Loan Agreement
- Environmental Protection Agency
- Formal Listing
- National Cooperative Highway Research Program: Indemnification & Insurance Requirements
  - Iowa State University
  - University of Colorado
  - University of Illinois
  - University of Nevada
  - University of New Mexico
  - University of Texas
  - Virginia Polytechnical Institute & State University
  - General
- National Science Foundation: Master Agreements

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- Radcliffe College: Bunting Institute
- Security Inc
- State of New Jersey Department of Health
- Strategic Highway Research Program: Format for Cost Plus Fixed Fee Contract
- US Information Agency: Memorandum of Understanding
- General

## FINANCE

- Finance Committee
  - Meetings
  - General
- Financial Reports & Statements
- Funds
  - Endowment
    - IOM (Institute of Medicine): Grants: Howard Hughes Medical Institute
    - Maurice Ewing Earth & Planetary Sciences Fund: Establishment
  - Grants
    - NAE Fund: Articles of Incorporation & Bylaws
    - NRC Fund
    - Program Initiation & Development Fund
      - Committee: Meetings: Minutes
      - Financial Status Reports
      - Requests for Funds
      - General
    - General
  - General

## INSURANCE

- 1987

## TAXES

- District of Columbia: Real Property Assessment
  - Buildings: NAS-NRC
- Reporting of Legislative Activities to Internal Revenue Service
- General

## TRUSTS

- Charitable Trusts
  - Brochure
  - Charitable Remainder Annuity Trust: Ramo S & V
  - General

## GENERAL

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## GOVERNMENT

### AGENCIES & DEPARTMENTS

- Army
- Commerce
- Defense
- Education
- Energy
  - Superconducting Super Collider
  - General
- Health & Human Services
- Interior
- National Aeronautics & Space Administration
- National Science Foundation
  - Budgets
  - Directorate for Science & Engineering Education: Summary of Grants: Fiscal Year 1984-1986
  - Monthly Reports on Congressional Activities
  - National Science Board
    - Membership
    - General
  - National Science Foundation
    - National Science Foundation: Brief History: Manuscript: Draft: Mazuzan G
  - National Science Week
  - Office of Legislative & Public Affairs
    - Federal Policies for Support of Academic Research Facilities: Paper
  - Task Force on Positioning NSF for 1990s
  - General
- Smithsonian Institution
  - National Science Resources Center: Joint with NAS
    - Advisory Board
    - Projects
      - Elementary Science Improvement
      - Science & Technology for Children
        - Funding
        - General
    - General
  - General
- US Arctic Research Commission
- US International Space Commission
- General

### CONGRESS

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- Bills
  - Competitiveness Enhancement
  - DOD Review of Science & Technology Exchange Agreements
  - Economic Competitiveness International: Trade & Technology Development
  - Establishment of Center on State & Local: Initiatives on Productivity Technology & Innovation
  - Family Welfare Reform
  - Global Resources Environment & Population
  - NASA Authorization (National Aeronautics & Space Administration)
  - National Highway Traffic Safety Administration: Authorization
  - Nuclear Protections & Safety
  - Public Works Infrastructure Innovation
  - Technology Competitiveness
  - Trade & International Economic Policy Reform
  - General
- Caucus on Competitiveness
- Committees
  - Armed Services
    - Subcommittee on Defense Industry & Technology: Hearings: Defense Technology Base
    - Subcommittee on Procurement & Military Nuclear Systems
  - Banking Finance & Urban Affairs
    - Subcommittee on Economic Stabilization
      - Hearings: Long Term US Competitiveness
    - General
  - Commerce Science & Transportation
    - Subcommittee on Science Technology & Space
      - Hearings
        - Global Change Research
        - NASA Space Shuttle Redesign
      - General
    - General
  - Energy & Commerce
    - Subcommittee on Commerce Consumer Protection & Competitiveness
      - Hearings: Technology Trade Problems
    - Subcommittee on Health & Environment
  - Environment & Public Works
    - Hearings: Motor Vehicle Air Pollution Control
    - Subcommittee on Water Resources Transportation & Infrastructure
    - General
  - Hearings: Schedules
  - Joint Economic: Subcommittee on Education & Health
  - Science Space & Technology
    - Hearings
      - Fiscal Year 1988 NSF Budget Authorization: Request
      - Review of COSEPUP Report on International Technology Transfer

- Technology Export Controls
    - University Facilities Revitalization
  - Subcommittee on International Science Cooperation
  - Subcommittee on Space Science & Applications
  - General
- General
- General

## EXECUTIVE

- Office of Management & Budget
  - Cost Principles for Nonprofit Organizations: Circular A-122
- Office of Science & Technology Policy: Conferences
  - Commercial Applications of Superconductivity
  - Historically Black Colleges & Universities (HBCUs)
- President's Initiative on Competitiveness
- General

## FOREIGN GOVERNMENTS

- Japan
  - Human Frontier Science Program: Proposed
    - Feasibility Study Committee: Meetings
      - Planning Documents
      - General
  - General
- Sweden
  - Swedish Council for Planning & Coordination of Research
- General

## INTERNATIONAL RELATIONS

- United Nations
  - UNDRO (UN Disaster Relief Office)
    - Lecture Series: Joint with UNDP (UN Development Programme): Reducing Toll of Natural Hazards: Press F
  - UNESCO (UN Educational Scientific & Cultural Organization)
  - General
- US-Israel Cooperation
  - Israel-US Binational Industrial Research & Development Foundation (BIRD)
- US-USSR Cooperation
  - Joint Committee for Health Cooperation
  - General
- General

## GENERAL

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## PERSONNEL RELATIONS

### EDUCATION

- Workshops: Communicating Information Via Visual & Textual Form for Maximal Impact
- General

### EMPLOYMENT

- Applications & Inquiries
- General

### PERSONNEL

- Policies & Procedures: Alcohol & Illegal Drugs/Unauthorized Controlled Substances Smoking Policy
- General

### WELFARE

- Academies Recreational Activities Association (ARAA)
- Employee Benefits
  - Annual Reports under ERISA (Employee Retirement Income Security Act)
  - Employee Spending Account (ESA)
- General

## PROPERTY & EQUIPMENT

### EQUIPMENT

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### REAL ESTATE

- Buildings
  - Beckman Center
  - Georgetown Facility: Dedication
  - 818 Connecticut Avenue
  - Joseph Henry
    - Roof Repairs
    - Tenants
    - General
  - NAS-NRC
  - Page
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