

# FACULTY ACHIEVEMENT DATABASE

## EXPERT CATEGORY LIST

**SEARCH INSTRUCTIONS:** Using the Adobe Acrobat Search box, type in the Category name; press Enter; then use the icons to find the next or previous occurrences. Browse through the Category and enter the appropriate heading(s) as your field(s) of expertise.

**CATEGORIES:** Agriculture and Food Sciences  
Area Studies  
Arts and Humanities  
Business, Management and Commerce  
Education  
Energy  
Engineering  
Health and Medicine  
Law  
Natural and Physical Sciences, Mathematics and Technology  
Social Sciences

### AGRICULTURE AND FOOD SCIENCES

#### Agriculture

- Agribusiness
- Agricultural Biotechnology
- Agricultural Chemistry
- Agricultural Collectives or Cooperatives
- Agricultural Commodities
- Agricultural Conservation
- Agricultural Engineering
- Agricultural Finance
  - Commodity Futures
- Agricultural Management
- Agricultural Marketing
- Agricultural Planning or Policy
- Agricultural Products, Physical Properties
- Agricultural Products, Transport or Handling
- Agriculture or Food Studies-- Developing Countries
- Agronomy
- Crop Modeling
- Animal Ecology
- Animal Science
  - Animal Behavior or Ethology
  - Animal Communication
  - Animal Drugs
  - Animal Genetics or Breeding
  - Animal Growth
  - Animal Housing
  - Animal Husbandry
  - Animal Models
  - Animal Nutrition / Animal Feeds
  - Animal Physiology or Morphology
  - Animal Reproductive Biology

- Animal Transport
- Animal Waste
- Animal Welfare
- Livestock
  - Dairy Science
  - Poultry Science
- Aquacultural Engineering
- Aquaculture or Hydroponics
- Biological Engineering
- Crop Insurance
- Crop Science
  - Arboriculture
  - Enology or Viticulture
  - Grains
  - Seed Production
- Drainage
- Farm Machinery
- Farm or Ranch Management
- Fertilizers
  - Compost
- Fish and Fisheries
- Forestry and Woodlands
  - Dendrology
  - Forest Ecology
  - Forest Economics
  - Forest Engineering
  - Forest Management
  - Tropical Forestry
- Grain Processing or Storage
- Herbicides
- Horticulture
  - Floriculture
  - Pomology
- International Agriculture
- Irrigation
- Land Management or Land Use
- Migrant Labor
- Nursery Stock
- Pest Management
- Pesticides / Insecticides
- Plant or Soil Nutrient Bioavailability
- Pollen and Pollination
- Precision Farming
- Production Economics and Management (Agriculture)
- Quantitative Genetics
- Range Management
- Soil Sciences / Pedology
  - Soil Chemistry
  - Soil Conservation
  - Soil Erosion
  - Soil Genesis

- Stockyard
- Sustainable Agriculture
- Tobacco
- Veterinary Medicine
  - Animal Diseases or Pathology
    - Canine Diseases or Pathology
    - Equine Diseases or Pathology
    - Feline Diseases or Pathology
- Veterinary Toxicology
- Weed Sciences
- Wildlife
  - Migratory Animal and Birds
- Wood or Wood Products

#### Food Sciences

- Food Additives
- Food Analysis
- Food and Trade Policy
- Food Chemistry
- Food Consumption
- Food Distribution
- Food Drying
- Food Engineering
- Food Inspection
- Food Labeling
- Food Management
- Food Manufacturing
- Food Marketing
- Food Practices
- Food Preparation
- Food Preservation
- Food Processing
- Waste Management (food processing)
- Food Radiation
- Food Safety
- Food Storage
- Food Technology
- Frozen Foods
- Meat Inspection
- Spoilage

#### Foods

- Alcoholic Beverages
- Bakery Products
- Cacao Products
- Candy
- Cereals
- Citrus Fruits
- Coffee
- Color Additives
- Cottonseeds
- Dairy Products
- Dietary Foods
- Feed Grains

- Fruits
- Meat and Meat Products
- Non-alcoholic Beverages
- Nuts
- Oils and Fats
- Oilseeds
- Poultry Products
- Seafood
- Spices and Flavorings
- Sugar
- Tea
- Vegetables

## **AREA STUDIES**

### Africa

- Africa, Central
- Africa, Eastern
- Africa, Northern
- Africa, Southern
- Africa, Sub-Sahara
- Africa, Western

### Antarctica

### Asia

- Arabian Peninsula
- Asia, Central
- Asia, East (Far East)
- Asia, Northern
- Asia, Southeast
- Asia, Southern
- Asia, Western
- Eurasia
- Middle East

### Ecological Zones

- Arctic
- Deserts and Arid Zones
- High Altitude Zone
- Low Altitude Zones
- Humid Zones
- Temperate Zone
- Tropical Zone

### Europe

- British Isles
- Europe, Central
- Europe, Eastern
- Europe, Northern
- Europe, Southern
- Europe, Western
- Scandinavia

### Hemispheres

- Eastern Hemisphere
- Northern Hemisphere
- Southern Hemisphere

Western Hemisphere  
International  
Afghanistan  
Albania  
Algeria  
American Republics  
Andes  
Andorra  
Angola  
Argentina  
Armenia  
Australia  
Austria  
Azerbaijan  
Bahamas  
Bahrain  
Baltic States  
Bangladesh  
Barbados  
Belarus  
Belgium  
Belize  
Benin  
Bhutan  
Bolivia  
Bosnia-Herzegovina  
Botswana  
Brazil  
Brunei  
Bulgaria  
Burkina Faso  
Burundi  
Cambodia  
Cameroon  
Canada  
Cape Verde  
Central African Republic  
Chad  
Chile  
China  
Colombia  
Comoros  
Congo (Brazzaville)  
Costa Rica  
Croatia  
Cuba  
Cyprus  
Czech Republic  
Democratic Republic of Congo  
Denmark  
Djibouti  
Dominica

Dominican Republic  
Ecuador  
Egypt  
El Salvador  
England  
Equatorial Guinea  
Eritrea  
Estonia  
Ethiopia  
Federal Republic of Yugoslavia  
Fiji  
Finland  
Former Soviet Union  
France  
French Guiana  
Gabon  
Gambia  
Georgia  
German Democratic Republic (GDR), Former  
Germany  
Ghana  
Greece  
Guatemala  
Guinea  
Guinea-Bissau  
Guyana  
Haiti  
Honduras  
Hong Kong  
Hungary  
Iceland  
India  
Indonesia  
Iran  
Iraq  
Ireland  
Israel  
Italy  
Ivory Coast  
Jamaica  
Japan  
Jordan  
Kazakhstan  
Kenya  
Kuwait  
Kyrgyzstan  
Laos  
Latvia  
Lebanon  
Lesotho  
Liberia  
Libya

Liechtenstein  
Lithuania  
Luxembourg  
Macedonia  
Madagascar  
Malawi  
Malaysia  
Maldives  
Mali  
Malta  
Mauritania  
Mauritius  
Mediterranean  
Mexico  
Moldova  
Monaco  
Mongolia  
Morocco  
Mozambique  
Myanmar  
Namibia  
Nepal  
Netherlands  
New Zealand  
Nicaragua  
Niger  
Nigeria  
North Korea  
Norway  
Oman  
Pacific Rim  
Pakistan  
Panama  
Papua New Guinea  
Paraguay  
Peru  
Philippines  
Poland  
Portugal  
Qatar  
Romania  
Russia  
Russian Federation  
Rwanda  
Saint Lucia  
San Marino  
Sao Tome and Principe  
Saudi Arabia  
Scotland  
Senegal  
Serbia & Montenegro  
Seychelles

Sierra Leone  
Singapore  
Slovakia  
Slovenia  
Solomon Islands  
Somalia  
South Africa  
South Korea  
Spain  
Sri Lanka  
Sudan  
Suriname  
Swaziland  
Sweden  
Switzerland  
Syria  
Taiwan  
Tajikistan  
Tanzania  
Thailand  
Tibet  
Togo  
Trinidad and Tobago  
Tunisia  
Turkey  
Turkmenistan  
Uganda  
Ukraine  
United Arab Emirates  
United Kingdom  
United States  
Upper Volta  
Uruguay  
Uzbekistan  
Vanuatu  
Vatican City  
Venezuela  
Vietnam  
West Bank  
Yemen  
Zaire  
Zambia  
Zimbabwe (Rhodesia)

International Affairs  
Intercultural Communications  
International Business  
International or Global Development  
International Rights

Islands or Island Chains  
Antigua and Barbuda  
Azores  
Bermuda

- Canary Islands
- Caribbean Islands
- Falkland Islands
- Federated States of Micronesia
- Galapagos Island
- Greenland
- Grenada
- Guam
- Kiribati
- Mariana Islands
- Melanesia
- Nauru
- Netherlands Antilles
- Pacific Islands Trust Territory
- Palau
- Polynesia
- Saint Kitts and Nevis
- Saint Vincent and the Grenadines
- Samoa
- Tonga
- Tuvalu
- Virgin Islands
- West Indies
- North America
- Oceania (Including Australia)
  - Australasia
- Oceans and Seas
  - Antarctic Ocean
  - Arabian Gulf
  - Arctic Ocean
  - Atlantic Ocean
  - Baltic Sea
  - Beaufort Sea
  - Bering Sea
  - Black Sea
  - Caribbean Sea
  - China Seas
  - Gulf of Mexico
  - Hudson Bay
  - Indian Ocean
  - Mediterranean Sea
  - North Sea
  - Pacific Ocean
  - Red Sea
  - Sea of Japan
  - Yellow Sea
- Regions of the United States
  - Alaska
  - Hawaii
  - USA, Atlantic Central
  - USA, Great Lakes
  - USA, Midwest

- USA, New England
- USA, Northeast
- USA, Northwest
- USA, Southeast
- USA, Southwest
- South America
  - Central America
- Economic, Linguistic or Political Organizations
  - Arab States
  - British Commonwealth of Nations
  - Commonwealth of Independent States (CIS)
  - Developing or Underdeveloped Nations
  - European Communities
  - European Union
  - Latin America
  - Newly Independent State (NIS)
  - Non Aligned or Third World Nations
  - North Atlantic Treaty Org (Nato)
  - Organization of American States (OAS)
  - Soviet Bloc
  - Sustainable Development

## **ARTS AND HUMANITIES**

- Area Studies (Arts or Humanities)
- Arts Criticism
  - Literary Criticism
  - Music Criticism
  - Theatre or Film Criticism
- Arts and Culture
  - African-American Art
  - American Art
  - Arts Administration
  - Arts Planning or Policy
  - Arts Funding
  - Culture
  - Expansion Arts
  - Fine Arts
  - Interdisciplinary Art Forms
  - Modern Art
  - Non-Western Art
    - African Art
    - Asian Art
- Creative Writing
  - Children's Literature / Illustration, Children's Literature
  - Drama
  - Editorial Projects
  - Fiction
  - Non-Fiction
  - Playwriting or Screenwriting
  - Poetry
  - Technical or Business Writing
  - Translation

Cultural Activities

Design Arts

Architecture

Architectural Design

Architecture History

European Architecture

Computer Arts

Environmental Design or Technology

Fashion or Textiles Design

Graphic Design

Interior Design

Landscape Architecture or Design

Regional or Urban Design

Set or Theatre Design

Folk or Ethnic Studies

Folk or Ethnic Arts

Folklore and Mythology

History

African History

Agricultural History

American History

Ancient or Classical History

Asian Art

British History

Business History

Byzantine History

Celtic Studies

Cultural History

Economic History

European History

Heritage

Historical Documents

Historical Revolution

History and Appreciation of Art

History and Appreciation of Music

History of Law

History of Medicine

History of Philosophy

History of Science and Technology

Holocaust Studies

Iberian Studies

Intellectual History

Jewish History

Latin American History

Medieval Studies

Medieval History

Military History

Modern History

Native American History

Non-Western History

North American History

Oral History

- Popular Culture
- Pre-Columbian Studies
- Religious History
- Renaissance Studies
  - Renaissance History
- Russian History
- Seventeenth and Eighteenth Century Studies
- Social History
- Twentieth Century History
- Urban History
- Western Civilization
- Women's History
- General Humanities Topics
  - Humanities Funding
  - Humanities Planning Policy
- Jurisprudence / Philosophy of Law
- Language or Literature
  - African Languages or Literature
  - American Literature
  - American Sign Language
  - Asian Languages or Literature
    - Arabic Language or Literature
    - Chinese Language or Literature
    - Japanese Language or Literature
    - Korean Language or Literature
    - Language or Literature of India
    - Southeast Asian Languages or Literature
  - Audience Development in Literature
  - Biography and Autobiography
  - Caribbean Language or Literature
  - Chaucer
  - Classical or Ancient Language or Literature
    - Classical Greek Language or Literature
    - Classical Latin Language or Literature
  - Comparative Literature
  - Critical Theory
  - Dramatic Language and or Literature
  - European Languages or Literature
    - Baltic Languages or Literature
    - Danish Language or Literature
    - Dutch Language or Literature
    - English Language or Literature
    - French Language or Literature
    - German Language or Literature
    - Icelandic Language or Literature
    - Italian Language or Literature
    - Norwegian Language or Literature
    - Portuguese Language or Literature
    - Spanish Language or Literature
    - Swedish Language or Literature
  - Fictional Language or Literature
  - Hebrew Language or Literature

- Language and or Literature, Translation
- Latin American Languages or Literature
- Literary History
- Literary Theory
- Literary Design or Production
- Medieval Language or Literature
- Modern Language and or Literature
- Native American Language or Literature
- Non-fictional Language and or Literature
- Oral Literature
- Philosophical Literature
- Philosophy of Language
- Poetic Language or Literature
- Religious Literature
- Renaissance Language or Literature
- Rhetoric
- Romantic Language or Literature
- Science Literature
- Shakespeare
- Slavic Languages or Literature
  - Bulgarian Language or Literature
  - Czech and Slovak Language or Literature
  - Polish Language or Literature
  - Russian Language or Literature
- Victorian Language or Literature
- Yiddish Language or Literature
- Media Arts
  - Film or Cinema or Video
  - Journalism
    - Science Journalism
  - Newspapers
  - Photography
  - Radio
  - Television
- Museums
  - Curatorship
  - Museum Exhibit Design
  - Museum Funding
- Music
  - Computer Music
  - Musicology or Music Theory
- Numismatics
- Performing Arts
  - American Music
  - Chamber Music
  - Choral Music
  - Classical Music
  - Dance
    - Choreography
  - Dramatic or Theatre Arts
  - Instrumental Music
  - Jazz Music

- Musical Recording or Distribution
- Music Composition
- Music Conducting
- New Music
- Opera or Musical Theatre
- Orchestral Music
- Popular Music
- Theater, Mime
- Vocal Music
- Philosophy
  - Aesthetics
  - Bioethics
  - Epistemology
  - Ethics
  - Metaphysics
- Religious Studies / Theology
  - Asian Religions
  - Biblical Studies
  - Buddhism
  - Christianity
  - Comparative Religion
  - Hinduism
  - Islam
  - Judaism
  - Polytheism
- Restoration and Preservation
  - Architectural Restoration or Preservation
  - Archival Preservation
  - Art Preservation
  - Historic Preservation
- Visual Arts
  - Ceramic Arts
  - Craft Art
  - Creative Arts
  - Decorative Arts
  - Drawing
  - Installation Art
  - Jewelry or Metal Arts
  - Mixed-Media Art
  - Painting
  - Printmaking
  - Sculpture
  - Textile or Weaving Arts

## **BUSINESS, MANAGEMENT AND COMMERCE**

- Accounting
  - Auditing
- Acquisitions or Mergers
- Advertising
- Banking
- Bankruptcy
- Business

Business Administration  
Business Communications  
Business Ethics  
Business Planning or Policy  
Business Statistics  
Business Technology  
Commerce  
Consulting Services  
Consumer Services / Customer Services  
Corporate or Nonprofit Philanthropy  
Cost Benefit Analysis / Cost Modeling  
Economic Development  
Efficiency Studies  
Electronic Commerce  
Employee Benefits  
Employment Opportunity Program  
    Youth Employment Opportunity Programs  
Entrepreneurship  
Feasibility Studies  
Finance  
    Credit  
    Currency  
    Financial Management  
    Investment and Securities  
        Price Change  
    Personal Finance  
    Venture Capital  
Free Enterprise  
Hospital Administration  
Hotel or Restaurant Management  
    Culinary Arts  
Human Resources  
Industrial Robotics  
Industry  
Insurance or Actuarial Science  
International Management  
International Trade and Finance  
Knowledge Management  
Labor Relations  
    Arbitration  
    Collective Bargaining  
Leadership  
Logistics  
    Inventory Control Systems  
Management or Commerce Planning or Policy  
Management Information Systems  
Management Science / Total Quality Management  
Nonprofit Management  
Manpower Studies  
Marketing  
    Marketing Research  
Minority or Women-Owned Business

Multinational Corporation  
Office Automation  
Parks and Recreation Management  
Personnel  
Problem Solving (business)  
Production or Operations Management  
Project Management  
Public Administration  
Public Finance  
Public Relations  
Purchasing or Procurement  
Quality or Product Control / Total Quality Management  
Real Estate  
Reengineering  
Retail Industry  
Retirement Studies  
Rural Development  
Small Business  
Stock Market  
Strategic Planning / Corporate Planning  
Taxes and Taxation  
Time and Motion Studies  
Training and Development  
Utilities  
Wage and Salary Administration

## **EDUCATION / PEDAGOGY**

Early Childhood or Pre-School Education  
Education or Instructional Programs  
    Allied Health Education  
    Arts Education  
        Art Education  
        Dance Education  
        Music Education  
Basic Skills Education  
Behavioral Science Education  
Career Education and Planning  
Consumer Education or Information  
Curriculum Development  
Educational or Cultural Exchange Programs  
English as a Second Language  
Foreign Language Education  
Health and Safety Education  
    Alcohol Education  
    Dental Health Education  
    Driver Education  
    Drug Education  
    Nutrition Education  
    Sex Education  
Home Economics Education  
Humanities or Liberal Art Education  
    English Education

- History Education
- Language Arts Education
- Reading Education
- Religious Education
- Values or Moral Education
- Writing or Composition Education
- Industrial Arts Education
- Legal Education
- Mathematics Education
- Medical Education
- Metric Education
- Nursing Education
- Parent Education
- Pharmacy Education
- Physical Education
- Science Education
  - Agriculture Education
  - Computer Education or Literacy
  - Earth Sciences Education
  - Engineering Education
  - Environmental Education
- Social Science Education
  - Business Education
  - Economics Education
  - Geography Education
  - International Education or Training
  - International Studies Education
  - Social Welfare or Public Affairs Education
  - Sociology Education
  - Speech or Communication Education
- Teacher Education / Faculty Development
- Vocational or Technical Education
- Educational Administration and Policy
  - Community and School Relations
  - Educational Finance
  - Educational Loans, Guarantees or Investments
  - Educational Studies -- Developing Countries
  - Educational Volunteers
  - Equal Educational Opportunity
  - Land Acquisition or Real Estate
  - Politics of Education
  - Private and Parochial Education
  - Public Education
  - Rural Education
  - School Desegregation
  - School Organization
  - School Safety
  - Transfer Students
  - Urban Education
- Educational Modes or Psychology or Theory
  - Academic Achievement
  - Affective Development

Alternative Mode Education  
Audiovisual Resources  
Bilingual or Bicultural Education  
Classroom Instruction  
Comparative Education / Cooperative Learning  
Computer-Aided Instruction  
Cooperative Education  
Counseling or Guidance Education  
Discipline Problems  
Distance Learning  
Dropout Prevention  
Education and Work  
Educational Evaluation or Assessment  
Educational Improvement  
Educational or Public Television  
Educational Reform  
Educational Research  
Educational Restructuring  
Educational Testing or Measurement  
Educational Values  
History or Philosophy of Education  
Home Education  
Instructional Materials and Practices  
Instructional Technology / Educational Technology  
Instructional Television  
Learning Motivation  
Literacy  
Multicultural Education  
Organizational Theory and Behavior (education)  
Parent Involvement  
Play  
Problem-Based Learning  
Student Enrichment  
Teacher Attitude  
Elementary or Secondary Education  
Elementary Education  
High School Education  
Junior High School Education  
Middle School Education  
Precollegiate Education--Art  
Precollegiate Education--Bilingual  
Precollegiate Education--Economics  
Precollegiate Education--English  
Precollegiate Education--Health  
Precollegiate Education--Humanities  
Precollegiate Education--Minority  
Precollegiate Education--Science or Mathematics  
Precollegiate Education--Social Sciences  
Precollegiate Education--Special Education  
Precollegiate Education--Vocational  
Higher Education  
Adult and Continuing Education

- College Students
- Graduate Education
- Higher Education, Private
- Higher Education, Public
- Junior and Community Colleges
- Professional Development / Adult Development
- Undergraduate Education
- Minority Education
- Special Education
  - Compensatory Education
  - Deaf Education
  - Emotionally Disturbed Education
  - Gifted or Talented Education
  - Handicapped Education
  - Learning Disabled Education
  - Remedial Education
- Women's Education

## **ENERGY**

- Automotive Propulsion Systems
  - Alternative Fuels
  - Electric Power Systems
  - External Combustion Engines
  - Flywheel Propulsion
  - Hybrid Propulsion Systems
  - Internal Combustion Engines
  - Vehicle Design
- Direct Energy Conversion
  - Electrohydrodynamic Generators
  - Energy Conservation
  - Fuel Cells
  - Magnetohydrodynamic Generators
  - Thermionic Converters
  - Thermoelectric Generators
- Energy Biological or Biomedical Sciences
  - Analytical Techniques
  - Biological Materials
  - Behavioral Biology
  - Radiation Effects
  - Radionuclide Effects
  - Radon
  - Thermal Effects
- Energy Chemical Sciences
  - Actinide Chemistry
  - Coal Chemistry
  - Combustion Chemistry
  - Explosives
  - Heavy Element Chemistry
  - High Temperature Chemistry
  - Materials Chemistry
  - Photochemistry
  - Pyrolysis Chemistry

- Radiation Chemistry
- Radiochemistry
- Separations Chemistry
- Energy Education
  - Energy Faculty Support
  - Energy Graduate Support
  - Energy Metabolism
  - Energy Postdoctoral Support
  - Energy Pre-College Support
  - Energy Transfer
- Energy Engineering
  - Pollution Control
  - Safety Engineering
  - Solar Energy Engineering
  - Vacuum Engineering
  - Waste Processing Plants
  - Wind Energy Engineering
- Energy Environmental Sciences
  - Chemical Transport
  - Chemicals Monitoring
  - Energy Environmental Studies--Developing Countries
  - Environmental Site Use Studies
  - Nuclear Materials Monitoring
  - Radiometry
- Energy Geosciences
  - Ecotoxicity
  - Organic Geochemistry
- Energy Materials Sciences
  - Glasses
  - Layered or Superlattice Materials
  - Materials Preparation or Fabrication
  - Materials, Structure and Phase
  - Metals or Alloys
  - Photovoltaic Materials
  - Physical Properties (materials)
  - Radiation Effects on Materials
  - Radioactive Materials
  - Surfaces and Interfaces
  - Transition Metals
- Energy Mathematical Sciences
  - Magnetic Fusion Computation
  - Parallel Computer Architecture
- Energy Physical Sciences
  - Condensed Matter Physics
  - Cosmology
  - Electrohydrodynamic Physics
  - Electrohydrodynamics
  - Fluid Physics
  - Magnetohydrodynamic Physics
  - Molecular Physics
  - Superfluidity Physics

## Energy Utilization

- Batteries
- Commercial Energy Use
- Energy Efficiency
- Energy Public Utilities
- Energy Storage Systems
- Energy Testing or Analysis
- Industrial Processes Energy Use
- Industrial Energy Heat Recovery
- Industrial Energy Use
- Industrial Waste Management
- Municipal Energy Management
- Municipal Energy Use
- Municipal Energy Waste Management
- Power Plants
- Residential Energy Use
- Transportation Energy Use

## Fossil Energy

- Carbon Dioxide
- Coal
  - Coal Carbonization
  - Coal Combustion
  - Coal Desulfurization
  - Coal Gasification
  - Coal Hydrogenation
  - Coal Liquefaction
  - Coal Processing
  - Coal Pyrolysis
  - Coal Processing, Solvent Extraction
- Energy Exploration or Reserves
- Energy Legislation or Regulation
- Energy Marketing
- Energy Products or By-products
- Environmental Effects (fossil energy)
- Fossil Fuel Drilling and Mining
- Fossil Fuel Handling or Transport
- Fossil Fuel Production and Refining
- Fossil Fuel Properties
- Fossil Fuel Surface Methods
- Fossil Fuel Waste Management
- Health or Safety Issues (fossil energy)
- Oil Shale's or Tar Sands
  - Oil Shale or Tar Sand Combustion
- Petroleum
  - Petroleum Combustion
- Storage, Fossil Fuel Storage
- Synfuels

## Hydrogen and Synthetic Fuels

- Alcohol Fuels
- Auxiliary Reactors
- Biomass Fuels
- Dosimetry

- Ethane
- Hydrocarbon Fuels
  - Hydrocarbon Fuel Preparation
- Hydrogen Fuels
  - Hydrogen Fuel Biosynthesis
  - Hydrogen Fuel Electrolysis
  - Hydrogen Fuel Thermochemical Processes
  - Hydrogen Fuel Transport
  - Hydrogen Fuel Water or Gas Processes
- Methane
- Methanol
- Natural Gas
  - Natural Gas Combustion
- Nuclear Science and Technology
  - Environmental Effects (nuclear fuels)
  - Environmental Effects (nuclear reactor)
  - Experimental Nuclear Reactors
  - Fusion Technology
    - Inertial Fusion
  - Isotope Power Supplies
  - Liquid Metal Reactor
  - Medical Physics
  - Medical Physics, Radiation Standards
  - Nuclear Explosion Detection
  - Nuclear Fuels Uranium Reserves
  - Nuclear Fuels, Depleted Uranium
  - Nuclear Fuel Enrichment
  - Nuclear Fuel Feed Processing
  - Nuclear Fuel Reprocessing
  - Nuclear Fuel Safeguards
  - Nuclear Fuels Storage
  - Nuclear Fuels, Thorium Reserves
  - Nuclear Fuels Transport
  - Nuclear Fuel Waste Disposal
  - Nuclear Fuel Waste Management
  - Nuclear Fuel Waste Processing
  - Nuclear Fusion, Kinetics
  - Nuclear Breeding Reactors
  - Nuclear Power, Construction
  - Nuclear Fuel Cycle
  - Non-Breeding Reactors
  - Nuclear Reactors
  - Nuclear Reactor Control Systems
  - Nuclear Fuel Handling
  - Nuclear Materials Management
  - Nuclear Power Plants
  - Nuclear Reactor, Plutonium Production
  - Nuclear Reactor, Propulsion
  - Nuclear Reactor Safety
  - Nuclear Reactor Theory
  - Nuclear Weapons Design
  - Nuclear Weapons Safety

- Nuclear Weapons Testing
- Physical Isotope Separation
- Plasma Fusion
- Process Heat Reactors
- Radiation Calibration
- Radiation Effects On Instrumentation
- Radiation Instrumentation
- Radiation Shielding Physics
- Radiation Sources
- Radiation Technology
- Radioisotopes
- Radiophorus Energy
- Reactor Fuel Elements
- Renewable Energy
  - Environmental Effects (hydropower)
  - Geothermal Energy
  - Geothermal Engineering
  - Hydropower
  - Hydro Energy, Meteorology
  - Ocean Energy Systems
  - Renewable Energy Conversion Systems
  - Renewable Energy Power Plants
  - Renewable Energy Resources
  - Site Geology, Renewable Energy
  - Solar Energy
    - Photovoltaic Power Systems (solar)
    - Solar Biomass Conversion
    - Solar Collectors
    - Solar Heat Storage
    - Solar Photochemical Conversion
    - Solar Photovoltaic Conversion
    - Solar Thermoelectric Conversion
    - Thermal Power Systems (solar)
  - Tidal and Wave Energy
  - Wind Energy
  - Wind Climatology
  - Wind Turbines

## **ENGINEERING**

- Aeronautical or Astronautical Engineering
  - Aerodynamics
    - Aeroelasticity
    - Turbulence
    - Wind Tunnel
  - Aeromechanics
  - Aeronautical or Astronautical Materials
  - Airframe Structures and Materials
  - Computational Fluid Dynamics
  - Earth Satellite Applications
  - Flight Control Systems
  - Flight Testing
  - Microsatellites

- Orbital Mechanics
- Rotary Wing Aircraft
- Ceramic Engineering
- Chemical Engineering
  - Absorption
  - Interfacial Phenomena
  - Mass Transfer
  - Process Development Engineering
  - Process Simulation and Control
  - Reaction Engineering
  - Separation Process
  - Surfactants
  - Transport Phenomena
  - Unit Operations Engineering
- Civil Engineering
  - Airport Runway
  - Architectural Engineering
  - Bridge Management Systems
  - Bridges
  - Cement and Concrete Chemistry
  - Coastal and Ocean Engineering
    - Ocean Resources Extraction
    - Offshore Platforms and Structures
    - Undersea Workstations or Vehicles
  - Concrete Structure
  - Construction Engineering
  - Construction Management
  - Dams and Earth Structures
  - Earthquake Engineering
  - Engineering Geology
  - Environmental Engineering
    - Filtration
    - Nuclear or Radioactive Waste Disposal
    - Sanitary Engineering
      - Sanitary Engineering, Environmental Impacts
    - Solid Waste Disposal
  - Finite Element Analysis
    - Waste Water Treatment
    - Water Treatment
  - Geotechnical Engineering
  - Hazardous Waste Disposal or Clean-Up
  - Highway Construction Work Zone
  - Human Tolerance to Impact
  - Hydraulic Engineering
  - Landslides
  - Masonry Engineering
  - Materials Engineering
    - Materials, Engineering Properties
    - Materials Recovery
    - Materials Testing
  - Metallurgical Engineering
  - Naval Architecture

- Nuclear Materials Transport
- Pavement Management System
- Pavements
- Public Policy Systems Analysis
- Rail Transportation
- Rock Mechanics
- Soil Mechanics and Foundations
- Soil-Structure Interaction
- Structural Engineering
  - Steel Structures
  - Structural Analysis
  - Structural Design
  - Structural Dynamics
  - Structure Reliability
- Surveying and Mapping
- Transportation Engineering
  - Highway Engineering
  - Traffic Engineering
  - Transportation Engineering Design
  - Transportation Engineering Economics
  - Transportation Engineering (Environmental Impacts)
  - Transportation Engineering (Intermodal Studies)
  - Transportation Engineering Planning or Policy
  - Transportation Survey
- Tunnels
- Vehicle Impact
- Water Resources Engineering
  - Water Resources, Management or Planning
  - Water Supply
- Waterways and Harbors
- Welding
- Electrical Engineering or Electronics
  - Acoustic Waves
  - Antennae
  - Antennae and Wave Guides
  - Applied Electronics
  - Applied Ultrasonics
  - Circuits and Systems
    - Capacitors
    - Circuits Theory or Architecture
    - Electric Switches
    - Integrated Circuits
    - Monolithic Circuits
    - Printed Circuits
    - Resistors
    - Very Large Scale Integration (VLSI)
  - Communications Systems
    - Optical Communications
    - Satellite Communication
    - Wireless Communication Systems
  - Diagnostic Monitoring Systems
  - Digital Signal Processing

Electric Power Conversion  
Electric Power Generation  
Electric Power Transmission  
Electrolytic Cells  
Electromagnetic Propagation  
Electromagnetics  
Electromigration  
Electron Paramagnetic Resonance  
Electron Spin Resonance  
Electron Transfer  
Electronic Control Systems  
Electronic Neural Network  
Electrostatic Discharge (ESD)  
Ferrites  
Ferroelectricity  
Fiber Optics  
Image Processing  
Inducers  
Information or Communication Systems  
Lidar  
Light Emitting Diodes (LED)  
Lighting System Design  
Lithography  
Microelectronics  
Microwave Theory  
Millimeter Waves  
Navigation and Guidance Systems  
Novel Device Concepts  
Photoelectric Cells  
Photovoltaics  
Plasma Electronics  
Pulsed Power  
Quantum Electronics  
Quantum Structures  
Radar  
Radar Systems  
Radiation Hardening  
Range and Tracking Systems  
Robotics  
Sensing Devices and Transducers  
Signal Processing  
Solid State Electronics  
Sonar Systems  
Surveillance Systems  
Systems Engineering  
    Systems Theory  
Telemetry  
Thermionic Sciences  
Transport Simulations  
Ultramicroelectrodes  
Ultrasonic Technology

## Industrial Engineering

- Engineering Administration or Management
- Engineering Innovation Processes
- Engineering Management Information Systems
- Engineering Personnel Management
- Engineering Project Management
- Engineering Statistics
- Ergonomics
- Human Factors Engineering
- Industrial Relations
- Industrial Systems Engineering
- Manufacturing Processes (Industrial Engineering)
- Microfabrication
- Packaging or Packaging Technologies
- Production Engineering
- Quality Control Engineering
- Reliability Engineering
- Value Engineering

## Mechanical Engineering

- Automation
- Automotive Engineering
- Combustion
- Computational Mechanics
- Computed Tomography
- Continuum Mechanics
- Control Systems (Mechanical Engineering)
- Electromechanical System
- Electronics Cooling
- Emission Control
- Energy Release or Transport
- Engineering Design
- Engines
  - Gas Turbines
- Environmental Design (mechanical)
- Flow Control
- Flow Cytometry
- Fluid Mechanics
  - Fluid Dynamics
- Fuel Synthesis Characterization
- Gas Chromatography
- Heat Transfer
- Heating or Ventilation or Air Conditioning
- Industrial Design
- Machine Design
- Magnetohydrodynamics
- Manufacturing (Mechanical Engineering)
- Manufacturing Engineering
- Marine Engineering
- Mass Transfer Absorption
- Materials Joining
- Mechanical Systems
- Mechanics

- Medical Device Engineering
- Microelectromechanical Systems (MEMS)
- Microfluidics
- Micromachining
- Nuclear Engineering
- Nuclear Technology
- Propulsion
  - Propulsive Flows
- Rheology
- Solar Heating
- Solid Mechanics
  - Elasticity
  - Plasticity
- Structural Mechanics
  - Contact Stress Analysis
  - Failure Analysis
  - Failure Mechanics
  - Fracture Analysis or Mechanics
- Systems or Equipment Maintenance
- Thermodynamics Engineering
- Thermosciences Engineering
- Tribology
  - Friction or Wear Lubrication
- Turbomachinery
- Vehicle Dynamics
- Mining Engineering
  - Materials Processing Engineering
- Petroleum Engineering
- Photogrammetry / Aerial Photography

## **HEALTH AND MEDICINE**

- Anatomical Systems or Sites
  - Bone
  - Bone Marrow
  - Brain
  - Cardiovascular System
  - Central Nervous System
  - Cerebellum
  - Cerebral Cortex
  - Connective Tissue
  - Digestive System
  - Embryonic Structures
  - Endocrine System
  - Esophagus
  - Fetus
  - Heart
  - Immune System
  - Liver Functions
  - Lymphatic System
  - Mechanism of Action (Medical)
  - Musculoskeletal System / Skeletal System
  - Nervous System

- Pancreas
- Placenta
- Respiratory System
- Sensory System
  - Olfaction or Smell
  - Tactile Senses
  - Taste or Gustatory System
  - Visual Perception or Processing
- Urogenital System
- Vascular Biology
- Biomedical Engineering
  - Bioelectric Phenomena
  - Clinical Engineering
  - Electroencephalography / EEG
  - Magnetoencephalography
  - Medical Cybernetics
  - Medical or Diagnostic Imaging
    - Endoscopy
    - Magnetic Resonance Imaging / MRI
    - Neuroimaging
    - Radiography
      - Angiography
    - Ultrasonography
  - Physiological Controls and Systems
- Medical Disciplines or Fields
  - Adolescent Health
  - Behavioral Medicine
  - Behavioral Pharmacology
  - Biochemical Engineering
  - Bioengineering / Tissue Engineering
  - Bioinformatics
  - Biomechanics / Kinematics
  - Biomedical Research (multidisciplinary)
  - Biosystematics
  - Biotechnology
    - Bioreactors
  - Blood Flow
  - Blood-Brain Barrier
  - Body Composition
  - Brain Development
  - Brain Injury
  - Cancer Biology
  - Cardiovascular Biology
  - Cardiovascular Physiology
  - Chemical Carcinogenesis
  - Clinical Chemistry
  - Clinical Research or Studies
  - Drug Metabolism
  - Drug Toxicity
  - Electrophysiology
    - Evoked Potential
  - Enzymology

- Gerontology
- Hemodynamics
- Immunogenetics
- Immunohistochemistry
  - Immunofluorescence
- Immunology
  - Immunoassay
    - Enzyme Linked Immunosorbent Assay
    - Radioimmunoassay
  - Immunobiology
  - Immunochemistry
  - Immunopathology
  - Immunoprecipitation
  - Immunoregulation
  - Neuroimmunology
- Kinesiology
- Medical Informatics
- Medicinal Chemistry
- Membrane Electrochemistry
- Neurophysiology
- Nuclear Medicine
- Nutrition or Dietetics
- Parenteral Drugs
- Pharmacoeconomics
- Pharmacy
- Photobiology
- Psychoneuroimmunology
- Psychopathology
- Reproductive Endocrinology
- Reproductive Physiology
- Speech Pathology
- Transplantation Immunology
- Pharmacology
- Biopharmaceutics
- Diseases or Disorders
  - Accidents
  - Adverse Effects
  - Affective Disorders/ Bipolar & Mood Disorders
  - AIDS / Acquired Immunodeficiency Syndrome
    - AIDS (mental health)
    - AIDS (perinatal or pediatric)
    - AIDS (sexually transmitted)
    - AIDS (substance abuse)
  - Alzheimer's Disease
  - Amyotrophic Lateral Sclerosis
  - Attention Deficit Hyperactivity Disorder (ADHD)
  - Autoimmunity
  - Bacterial Infections
    - Leprosy
    - Lyme Borreliosis or Lyme Disease
    - Tuberculosis
    - Lupus

- Behavioral Problems or Disorders
- Blood Diseases
  - Anemia
  - Hemophilia
- Bone Diseases
  - Caries
  - Musculoskeletal Diseases
    - Muscle Disorders
  - Osteogenesis Imperfecta
  - Osteoporosis
- Breast Health
- Burns
- Cancer or Carcinogenesis / Neoplasm
  - Colorectal Cancer
  - Breast Cancer
  - Leukemia
  - Lung Cancer
  - Ovarian Cancer
  - Prostate Cancer
- Cardiovascular Diseases
  - Heart Diseases / Cardiac Diseases
    - Congenital Heart Disease
- Cerebrovascular Disorders
- Chronic Fatigue
- Chronic Illness
- Chronic Pain
- Communicable Diseases
- Congestive Heart Failure
- Convulsive Disorders
- Craniofacial Disorders
- Cystic Fibrosis
- Death or Dying (physical aspects)
- Death or Mortality
- Dementia
- Depression
- Developmental Disabilities
- Diabetes
- Diabetic Retinopathy
- Digestive Diseases and Disorders
  - Inflammatory Bowel Disease
  - Liver Disorders
    - Hepatitis
- Disease Symptoms
- Dyslexia
- Dystonia
- Ear Disorders
  - Otitis
  - Hearing Disorders
    - Deafness
- Endocrinologic Diseases
- Endometriosis

Eye Diseases  
    Retinitis Pigmentosa  
Failure To Thrive  
Female Genital Disorders  
Foodborne Diseases  
Fungal Diseases  
Genetic Diseases / Inherited Diseases  
Headaches  
HIV / Human Immunodeficiency Virus  
Huntington's Disease  
Hyperactivity  
Hyperplasia  
Hypersensitivity  
Hypertension / High Blood Pressure  
Immune System Disorders  
Incontinence  
Infectious Diseases or Agents  
    Malaria  
Inflammation  
Injury  
Injury Immunophysiology  
Ischemia  
Kidney Disease  
Lymphoma  
Mental Disorders  
    Affective Disorders  
    Anxiety Disorders  
        Posttraumatic Stress Disorder  
    Autism  
    Dissociative Disorders  
    Eating Disorders  
        Anorexia or Bulimia  
    Mental Retardation  
Metabolic Diseases  
Metastasis  
Miscarriage / Spontaneous Abortion  
Muscular Dystrophy  
Myasthenia Gravis / Narcolepsy  
Neonatal Disorders  
    Birth or Congenital Defects  
    Fetal Alcohol Syndrome  
Neurological Disorders  
    Ataxia  
    Brain Disorders  
        Brain Tumors  
        Cerebral Palsy  
        Epilepsy  
    Demyelinating Diseases  
        Multiple Sclerosis  
    Down Syndrome  
    Meningitis  
    Neurodegenerative Diseases

Neuromuscular Disorders  
Sensory Disorders  
Spinal Cord Diseases  
Nutrition Disorders  
Obesity  
Opportunistic Infections  
Oral Diseases  
Orphan Rare Diseases  
Pain  
Paralysis  
Parkinson's Disease  
Perinatal Disorders  
Periodontal Diseases  
Pregnancy Disorders  
Premenstrual Syndrome (PMS)  
Psychosis  
Psychosomatic Disorders  
Pulmonary Diseases / Lung Diseases  
Reproductive Disorders  
Infertility  
Respiratory Diseases  
Apnea  
Asthma  
Hypoxia  
Reye's Syndrome  
Rheumatic Diseases  
Arthritis  
Osteoarthritis  
Rhinitis  
Schizophrenia  
Scleroderma  
Sexually Transmitted Diseases  
Sickle Cell Anemia  
Skeletal Disease  
Skin Diseases  
Sleep Disorders / Insomnia  
Speech and Language Disorders  
Spinal Cord Injury  
Stillbirth  
Stress  
Stroke  
Sudden Infant Death Syndrome / SIDS  
Tourette's Syndrome  
Trauma  
Trauma, Cell Biology  
Traumatic Brain or Head Injury  
Tumor Immunology  
Tumors  
Urogenital Diseases  
Uterine Disorders  
Vascular Diseases or Injury  
Arteriosclerosis or Atherosclerosis

- Embolisms
- Thrombosis
- Venereal Diseases
- Viral Infections
  - Epstein-Barr Virus
  - Herpes
  - Influenza
- Vision Disorders
  - Blindness
- Education or Instruction (Health or Safety or Medical)
  - Biomedical Research Training
  - Learning Disorders
- Environment (Health or Safety or Medical)
  - Asbestos
  - Environmental Health
  - Environmental Medicine
  - Global Warming
  - Environmental Health Standards
  - Radiation Effects (medical)
  - Neurotoxicology
  - Occupational Health and Safety
  - Occupational Hygiene
  - Poison Control
  - Social Medicine
- Health Care
  - Alternative Medicine
  - Ambulatory Care
  - Breast Feeding
  - Caregiving
  - Child or Maternal Health
  - Combat Medical Care
  - Community Health
  - Critical Care
  - Emergency Health Services
  - Family Health Services / Family Planning
  - Folk Medicine
  - Health Care Administration
  - Health Care Cost Containment
  - Health Care Financing
  - Health Facilities Studies
  - Health Insurance
  - Health Maintenance Organizations / HMO
  - Human Resources (medical)
  - Health of Underserved Populations
  - Health or Nutrition Programs-- Developing Countries
  - Health Physics
  - Health Records
  - Health Services Delivery
  - Holistic Medicine
  - Home Health Care Services
  - Hospices
  - International Health

- Managed Care
- Men's Health
- Mental Health Services
- Minority Health
- Minority Health Services
- Nursing Homes
- Patient Care and Education
- Patient Care Management
- Prenatal Care
- Program Evaluation (health sciences)
- Public Health
- Reproductive Health Services
- Rural Health
- Safety
  - Fire Safety
- School Health
- Urban Health
- Vital Statistics
- Women's Health
- Mental Health / Emotional Health
  - Child or Adolescent Mental Health
  - Geriatric Mental Health
  - Minority Mental Health
  - Women's Mental Health
- Human Subjects Policy
  - Health Care Planning or Policy
  - Medical Decision Making
  - Medical Ethics
- Medical Technology
  - Automated Clinical Analysis
  - Bioinstrumentation
  - Cardiomyopathy
  - Computer Technology (medical)
  - Handicapped Assistive Technology
  - Handicapped Device Development
  - Medical Instrumentation
  - Physiological Monitoring Technology
  - Prophylactics (medical)
- Medical Intervention Agents
  - Antibiotics
  - Anticonvulsants
  - Antimicrobial Agents
  - Antineoplastic Agents
  - Antioxidants
  - Antisera
  - Antivirals
  - Biofeedback
  - Biological Response Modifiers
  - Chemopreventive Agents
  - Chemotherapeutic Agents
  - Dosage Forms
  - Drug Delivery Systems

- Hemostatic Agents
- Immune Enhancers
- Implants
- Medical Devices
- Pharmaceuticals
- Pharmacokinetics / Drug Kinetics / Toxicokinetics
- Prostheses or Implants
  - Artificial Heart
  - Artificial Joints
  - Artificial Kidney
  - Artificial Limbs
  - Artificial Organs
  - Breast Implants
  - Cochlear Implants or Hearing Aids
  - Neural Prostheses
  - Pancreatic Prostheses
  - Visual Prostheses
  - Vocal Prostheses
- Vaccine
- Medical Intervention Methods
  - AIDS Therapy
  - Alcoholism Prevention
  - Alcoholism Treatment
  - Behavioral Therapy
  - Biotherapy
  - Cell Transplantation
  - Chemoprevention
  - Chemotherapy
  - Dental Health and Hygiene
  - Detoxification
  - Dialysis
  - Disease Prevention
    - Cancer Prevention
    - HIV Prevention
  - Drug Abuse Prevention
  - Drug Abuse Treatment
  - Exercise
  - Family Therapy
  - Fluoride
  - Gene Therapy
  - Handicapped Early Intervention
  - Health Promotion
  - Hyperthermia
  - Immunization
  - Immunosuppression
  - Immunotherapy
  - Injury Prevention
  - Laser Surgery
  - Medical Counseling
  - Medical Diagnosis
  - Neural Stimulation
  - Palliative Care / Pain Management

- Pharmacotherapy / Drug Therapy
- Physical Fitness
- Preventive Dentistry
- Preventive Medicine
- Psychotherapy
- Radiotherapy
- Respiratory Therapy
- Sterilization
- Substance Abuse Prevention
- Substance Abuse Treatment
- Tissue Grafting
- Medical Materials or Products
  - Biomaterials
  - Blood or Blood Products or Transfusions
  - Breast Milk
  - Contraceptives
  - Natural Products
- Medical Methodologies or Procedures
  - Abortion Induced
  - Agent or Drug Screening
    - Urinalysis
  - Amniocentesis
  - Angioplasty
  - Bioassay
  - Bioavailability
  - Bone Marrow Transplantation
  - Cell Culture
  - Clinical Trial
  - Cryopreservation
  - Data Management or Analysis (Medical)
  - Disease Model
  - Drug Design / Drug Modeling
  - Etiology
  - Gene Cloning
  - Genetic Manipulation
  - Health Behavior
  - Mathematical Modeling (Medical)
  - Methods of Drug Delivery
  - Micromanipulation
  - Molecular Cloning
  - Molecular Probes
  - Nucleic Acid Sequencing
  - Outcomes Research (Medical)
  - Perfusion or Reperfusion
  - Preservation of Organs or Tissue
- Molecular Cellular Entities
  - Antibodies
    - Monoclonal Antibodies
  - Antigens

Bacteria

Escherichia Coli

Biochemical Markers

Biological Markers

Cell Components

Extracellular Matrix

Cell Cycle / Cytokinetics

Cholesterol

Collagen

DNA / Deoxyribonucleic Acid

Complementary DNA

Endorphins

Enzymes

Gene Mapping / Chromosome Mapping

Gene Products

Genes

Growth Factor Receptors

Growth Factors

Interleukins

Growth Hormone

Hormones

Insulin

Hybridomas

Inhibitors

Lipoproteins

Lymphocytes

Membranes

Neurons / Nerve Cells

Neurotransmitters

Neuropeptides

Nucleic Acids

Narcotics

Peptides

Prostaglandins

Proteins and Macromolecules

Receptors

Recombinant DNA

Retrovirus

Stem Cells

Steroids

Natural Processes Health Safety Medical

Angiogenesis

Apoptosis / Cell Death

Bioenergetics

Biosynthesis

Cell Proliferation

Disease Resistance / Natural Immunity

Drug Resistance

Gene Expression

Gene Regulation

Metabolism

Amino Acid Metabolism

- Lipid Metabolism
- Metabolic Engineering
- Mineral Metabolism
- Nucleotide Metabolism
- Oxidative Stress
- Protein Metabolism
- Mitosis / Cell Division
- Natural History of a Disease
- Oncogenes
- Pathogenesis
  - Microbial Pathogenesis
- Pathophysiology / Physiopathology
- Wound Healing
- Patient or Volunteer Classification
  - Children (Patients)
  - Elderly Patients
  - Handicapped or Disabled (Health or Safety or Medical)
  - Hospitalized Patient
  - Outpatient
- Physiological or Development Process
  - Adolescent Pregnancy / Teen Pregnancy
  - Balance (physical)
  - Hearing
  - Lactation
  - Menopause
  - Menstruation
  - Perinatal Health
  - Physical Growth or Retardation
  - Physical Senses, Other
  - Pregnancy
  - Prenatal Care
  - Puberty
  - Sleep Studies
  - Teratology
- Biomedical Research Resources
  - Biological Resources
  - Biomedical Research Resources, Other
  - Cell Lines
  - Chemicals - Materials
  - Computing Resources
  - Organs
  - Registries
  - Tissue Culture
- Specialties of Medical and Allied Fields
  - Aerospace Medicine
  - Allergy
  - Allied Health Occupations
  - Anesthesiology
  - Audiology
  - Cellular Immunology
  - Chiropractic
  - Clinical Medicine

- Dentistry
  - Orthodontics
  - Periodontics
  - Oral or Maxillofacial Surgery
- Dermatology
- Electromyography
- Epidemiology
  - Molecular Epidemiology
- Family Medicine
- Geriatrics
- Internal Medicine
  - Cardiology
  - Cardiopulmonary Chest Medicine
  - Endocrinology
  - Gastroenterology
    - Hepatology
  - Hematology
  - Nephrology
  - Oncology
    - Molecular Oncology
    - Radiation Oncology
  - Rheumatology
- Kidney (Renal) Functions
- Medical Genetics
- Medical Microbiology
- Neuroanatomy
- Neuroendocrinology
- Neurology
- Neuropharmacology
- Neuropsychopharmacology
- Nursing
  - Midwifery
  - Nurse Practitioner
  - Oncology Nursing
  - Psychiatric Nursing
- Optometry
- Osteology or Osteopathy
- Otolaryngology
- Otology
- Parenteral Nutrition
- Pathology
  - Molecular Pathology
  - Neuropathology
- Pediatrics
  - Neonatology
  - Perinatology
- Physical Medicine and Rehabilitation
- Podiatry
- Psychiatry
  - Child Psychiatry
  - Neuropsychiatry
- Radiology

- Serology
- Sports Medicine
- Surgery
  - Neurosurgery
  - Obstetrics or Gynecology
  - Ophthalmology
  - Orthopedics
  - Plastic or Reconstructive Surgery / Cosmetic Surgery
  - Thoracic or Cardiovascular Surgery / Heart Surgery
  - Urology
- Tropical Medicine
- Structure or Function (Health or Safety or Medical)
  - Membrane Structure or Function
  - Nucleic Acid Structure or Function
  - Ultrastructure Health Safety Medical
- Technology Assessment or Transfer (medical)
  - Disease Control
  - Telemedicine
  - Therapy Evaluation

## **LAW**

- Administrative Law
- Agricultural Law
- Business or Corporate Law
  - Antitrust Law
  - Banking Law
  - Unfair Competition Law
- Civil Law
- Communication Law
- Comparative Law
- Constitutional Law
- Construction Law
- Consumer Law
- Contract
- Criminal Law
- Educational Law
- Environmental Law, Legislation or Regulation
- Estate Law
- Estate Planning
- Family Law
- Forensic Testimony
- Handicapped Legal Services
- Housing Law
- Immigration Law
- Insolvency or Bankruptcy
- International and Comparative Law
- Judicial or Law Administration
- Juvenile Law
- Labor Law
- Law Enforcement
- Law and Society
- Legal Procedure

Legal Profession  
Legal Reform  
Legal Service  
Maritime Law  
Military Law  
Mining Law  
Natural Resources Law  
Non-Criminal Law  
Patents, Copyrights, Trademarks  
Property  
Public Finance Law  
Public Health Law  
Public Safety Law  
Public Utilities Law  
Torts  
Trade Regulation Law  
Trial Law

## **NATURAL AND PHYSICAL SCIENCES, MATHEMATICS AND TECHNOLOGY**

Atmospheric Sciences  
Aeronomy  
Altimetry  
Atmosphere: Composition and Disturbance  
Atmospheric Analysis  
Atmospheric Chemistry  
Atmospheric Physics  
Atmospheric Remote Sensing  
Atmospheric Structure and Dynamics  
Classification of Climate  
Climate Change  
Climatology  
Clouds  
Cloud Physics  
Ionospheric Phenomena  
Ionospheric Physics  
Meteorology  
Near Earth Space Particles or Fields  
Planetary Atmospheres  
Precipitation  
Solar Phenomena  
Spectral Estimation  
Weather  
Weather Modification  
Weather Prediction or Forecasting

Biological Sciences  
Anatomy  
Andrology  
Animal Genome  
Animal Taxonomy  
Antimicrobial Resistance  
Bioclimatology  
Biodegradation

- Biodiversity / Biological Diversity
- Biofilms
- Biogeochemistry
- Biogeography
- Biohydrology
- Bioinstrumentation
- Biological Adaptation / Ecophysiology
- Biological Modeling
- Biological Polymers
- Bioluminescence
- Biometry
- Biomimetics
- Bioprocessing
- Biosensors
- Biosphere
- Biostatistics
- Biotic System
- Blood Coagulation
- Botany
  - Paleobotany
  - Phytochemistry
  - Plant Diseases or Pathology
  - Plant Nutrition
  - Plant Physiology or Morphology
  - Plant Sciences
    - Plant Breeding
    - Plant Genetics
  - Plant Virology
- Carbon Dioxide Fixation
- Cell Biology
  - Macrophage
  - Cell Differentiation
  - Cell Interactions
- Circadian Rhythms
- Computational Biology / Mathematical Biology
- Conservation Biology
  - Biological Reserve Design
  - Endangered Species
- Cytokines
- Cytology
- Cytopathology
- Cytoskeleton
- Developmental Biology
  - Animal Development
  - Human Development
    - Child Development
    - Early Childhood Development
  - Neurogenesis
- Ecology
  - Atmospheric Ecology
  - Landscape Ecology
  - Exotic Species

- Marine Ecology
- Microbial Ecology
- Plant Ecology
  - Dendroecology
- Terrestrial Ecology
- Statistical Ecology
- Synecology
- Electrophoresis
- Electroreception
- Embryology
  - Embryogenesis
- Enzyme Catalysis
- Eugenics
- Evolutionary Biology
- Exobiology / Astrobiology
- Fermentation
- Genetics
  - Cancer Genetics
  - Cytogenetics
  - Cell Cloning
  - Developmental Genetics
  - Gene Mapping
  - Genetic Markers
  - Genetic Engineering
    - Gene Targeting
    - Gene Transfer
  - Transgenics
    - Transgenic Animals
    - Transgenic Plants
  - Genetic Models
  - Genetic Toxicology
- Genomics
  - Animal Genome
  - Human Genome
  - Plant Genome
- Molecular Genetics / Biochemical Genetics
- Mutagenesis
- Mutation
- Nucleic Acid Hybridization
- Organism Cloning
- Pharmacogenetics
- Phenotype
- Phylogenetics
- Transcription
- Transfection

- Glycobiology
- High Temperature or Pressure Biology
- Histology / Microscopic Anatomy
- Human Ethology
- Immunodiagnostics
- Ion Channels
- Laboratory Animal Science

Life Sciences  
Limnology / Freshwater Ecology / River or Lake Studies  
Marine Biology  
    Freshwater Biology  
    Molecular Marine Biology  
Marine Conservation  
Membrane Transport  
Metabolic Biology  
Microbiology  
    Bacteriology  
    Industrial Microbiology  
    Microbial Degradation  
    Microbial Processes  
    Molecular Microbiology  
    Mycology  
    Nitrogen Fixation  
    Phycology  
    Viral Studies (Virology)  
        Molecular Virology  
Micronutrients  
Molecular Biology  
    DNA Repair  
    DNA Replication  
    DNA Sequencing  
    Electroblotting  
    Protein Engineering  
    Protein Synthesis  
Molecular Recognition  
Morphogenesis  
Morphology  
Muscle Structure or Function  
Neuroscience  
    Computational Neuroscience  
    Neurobiology  
        Developmental Neurobiology  
    Neuroethology  
        Synaptic Transmission  
Odorant Discrimination  
Paleobiology  
Parasitology  
Pathobiology  
Photosynthesis  
Physical Biology  
Physiology  
    Bodily Secretions  
    Cellular Physiology  
    Exercise Physiology  
    Human Physiology  
    Immunophysiology  
    Invertebrate Physiology  
    Nutritional Physiology  
    Sensory Physiology

- Vertebrate Physiology
- Plant Taxonomy
- Plasmids
- Polymerase Chain Reaction
- Protein Structure
- Proteomics
- Radiobiology
- Regulatory Biology
- Reproduction
- Reproductive Biology
- RNA / Ribonucleic Acid
  - Messenger RNA
- Scavenging and Co-Precipitation
- Signal Transduction
- Sociobiology
- Stress Response (Neuroanatomy)
- Structural Biology
- Symbiosis
- Systematic Biology
- Systematics
  - Molecular Systematics
- Thermoregulation
- Tropical Biology
- Vestibular Transduction
- Verology / Viral Studies
- Vision / Sight
- Vitamins or Metabolic Role
- Zoological Parks
- Zoology
  - Invertebrate Zoology
    - Entomology
    - Nematology
  - Marine Zoology
  - Vertebrate Zoology
    - Herpetology
    - Ichthyology
    - Mammalogy
      - Equine Studies
      - Primateology
    - Ornithology
- Chemical Sciences / Chemistry
  - Adsorption
  - Aliphatic Compounds
  - Amino Acids
  - Analytical Chemistry / Chemical Analysis
  - Applied Chemistry
  - Aromatic Compounds
  - Atomic and Molecular Structure
  - Biochemistry
    - Biochemistry, Carbohydrates
    - Biochemistry, Lipids
    - Biochemistry, Nucleic Acids

Biochemistry, Proteins  
Protein Folding  
Histochemistry  
Phosphorylation  
Biomarkers  
Biophysical Chemistry  
Carbohydrates  
Carbon Dioxide Reduction  
Catecholamines  
Dopamine  
Chemical Dynamics  
Chemical Effects  
Chemical Kinetics  
Chemical Reactions  
Chemicals and Chemical Properties  
Chemical Synthesis  
Chemical Vapor Deposition  
Chromatography  
Liquid Chromatography  
Colloid Chemistry  
Computational Chemistry  
Cosmetics  
Electrochemical Analysis  
Electrochemistry  
Heterocyclic Chemistry  
Industrial Chemistry  
Inorganic Chemistry  
Bioinorganic Chemistry  
Ligands  
Mass Spectrometry  
Molecular Chemistry  
Molecular Dynamics  
Neurochemistry  
Nuclear Chemistry  
Organic Chemistry  
Organometallic Chemistry  
Organometallic Chemistry, Main Group  
Petroleum Chemistry  
Physical Chemistry  
Physical-Organic Chemistry  
Polymer Chemistry  
Quantum Chemistry  
Reaction Kinetics  
Resonance Spectroscopy  
Solid State Chemistry  
Stereochemistry  
Stoichiometry  
Structural Chemistry  
Surface Chemistry  
Thermal Analysis  
Ultrafast Chemistry  
Xenobiotics

## Computer and Information Sciences

Analog Computers or Computing  
Artificial Intelligence or Cybernetics  
Machine Learning  
Asynchronous Transfer Mode (ATM)  
CD-ROM  
Compilers  
Computer-Aided Design (CAD)  
Computer Algorithms  
Computer Animation  
Computer Applications  
Computer Architecture  
Computer Display Technology  
Computer Engineering  
Computer File Organization  
Computer Graphics  
Computer Hardware  
Computer Interface  
Computer Modeling  
Computer Operating Systems  
Computer or Technical Support  
Computer Programming  
Computer Security  
Computer Simulation or Modeling  
Computer Software  
Computer Storage and Retrieval  
Computer Systems Administration  
Computer Systems Analysis  
Computer Theory  
Computer Vision  
Computer-Aided Manufacturing (CAM)  
Control Applications (Computer Sciences)  
Control Theory (Computer Sciences)  
Cryptography  
Data Analysis  
Data Compression  
Data Fusion  
Data Mining  
Data Processing  
Data Systems  
Database Currency Control  
Database Management  
Dependable Systems  
Digital Computers or Computing  
Distributed System  
Electronic Publishing  
Expert Systems  
Formal Semantics  
Fuzzy logic  
Gateways  
Genetic Algorithms  
High Performance Computing

- Human-Computer Interaction
- Informatics
- Information Management
- Information or Data Centers
- Information Retrieval
- Information Science or Systems
- Information Theory
- Integer Programming
- Intelligent Agents or Systems
- Internet or World Wide Web (WWW)
  - Web Design
- Knowledge Acquisition
- Knowledge Representation
- Library Science
  - Archival Program
  - Bibliographic Projects
  - Cataloging and Classification
  - Corporate Libraries
  - Digital Libraries
  - Government Libraries
  - Law Libraries
  - Library Acquisitions
  - Library Management
  - Library Reference Services
  - Library Technical Services
  - Library Technology
  - Medical Libraries
  - Public Libraries
  - Research Libraries
  - Special Libraries
- Library Automation
- Linear Programming
- Local Area Networks
- Machine Translation
- Microprocessors
- Natural Language Programming
- Networking
- Object-Oriented Computing
- Parallel Algorithms
- Parallel Processing
- Parallel Programming
- Pattern Recognition
- Program Verification
- Queueing
- Real-Time Computing
- Software Engineering
- SQL (Standard or Structured Query Language)
- Supercomputers
- Virtual Reality
- Wide Area Networks
- Word or Text Processing

## Earth Sciences

- Air - Sea Boundary Interactions
- Coastal Geology
- Earth Remote Sensing
- Earth Sciences Instrumentation
- Economic Geology
- Geochemistry
  - Carbon Cycle
- Geodesy
- Geodynamics
- Geology
- Geomagnetism
- Geomatics
- Geomorphology
- Geoscience
- Glacial Geology
- Glaciology
- Hydrodynamics
- Hydrogeology
- Hydrology
- Isotope Geochemistry
- Marine Geology
- Mineral Crystallography
- Mineral Resources
- Mineralogy
  - Clay Mineralogy
- Paleoecology
- Paleontology
  - Biostratigraphy
  - Palynology
- Petroleum Science
- Petrology
- Petrophysics
- Physical Geography
- Physical Geology
- Planetary Geology
- Polar Science
- Remote Sensing
- Sedimentary Geochemistry
- Sedimentology
- Seismology
- Spatial Data or Analysis
- Stratigraphy
- Structural Geology
- Tectonics
- Volcanology
- Weathering

## Environmental Sciences

- Acid Precipitation
- Air Pollution
- Air Quality
- Bioremediation

Boreal Ecosystems  
Ecosystems  
Environmental Biology  
Environmental Chemistry  
Environmental Conservation / Preservation  
Environmental Effects  
Environmental Ethics  
Environmental Geography  
Environmental Management  
Environmental Microbiology  
Environmental Monitoring  
Environmental Physics  
Environmental Restoration or Remediation  
Environmental Toxicology  
EPA Laboratory Support  
Floodplain  
Freshwater Conservation  
Global Change  
Greenhouse Gases  
Groundwater  
Hudson River Studies  
Human Ecology  
Industrial Waste  
Instream Flow  
Land Pollution  
Natural Resources  
Natural Resources Management  
    Coastal Zone Management  
Noise Pollution  
Nonpoint Source Pollution  
Recycling  
Riparian Ecosystem  
Salinity  
Toxic Substances--Environmental  
Toxicology  
Waste Management  
Waste Water  
Wastes, Hazardous  
Water Pollution  
Water Quality  
Water Resources Environmental Impacts  
Water Rights  
Watersheds  
Wetlands  
Forensic Science  
Marine and Ocean Sciences  
    Arctic Meteorology  
    Arctic Sciences  
    Bathymetry  
    Biocorrosion  
    Biofouling  
    Biophysical Interactions

Coastal Meteorology  
Coastal Processes  
Coupled Ocean Acoustics Models  
Energetics  
Estuarine Sciences  
Extra Tropical Storms  
Fronts and Eddies  
High Latitude Processes  
High Latitude Sediment Dynamics  
Hydroacoustics  
Ice-Acoustic Interactions  
Internal Waves  
Marine Aggregate Dynamics  
Marine Atmospheric Boundary Layers  
Marine Atmospheric Chemistry  
Marine Biodeterioration  
Marine Environment  
Marine Meteorology  
Marine Microstructure  
Marine Sciences Planning or Policy  
Marine Structure  
Marine Technology  
Maritime History  
Maritime Industry  
Mixed Layer Processes  
Mooring  
Nearshore Processes  
Ocean Acoustics  
Ocean Chemistry  
Ocean Modeling  
Oceanography  
    Biological Oceanography  
    Physical Oceanography  
Ocean Optics  
Oceanographic Facilities  
Particulate Optics  
Scuba  
Sea Water Properties  
Sediment  
Seismic Acoustics  
Shallow Water Bottom Interaction  
Shelf Basin Dynamics  
Strait Dynamics  
Submarine Geomorphology  
Surface Hydrodynamic Processes  
Surface Waves  
Surfzone Waves, Turbulence  
Tropical Cyclone Motion  
Visibility Imaging  
Wave or Wake Dynamics  
Waves or Currents  
Western Boundary Currents

## Materials Sciences

- Acoustic Damping Mechanisms
- Adhesives
- Amorphous Materials
- Anisotropic Materials
- Ceramic Materials
- Combustible Materials
- Composite Materials
  - Carbon Composites
  - Multilayer Composites
- Corrosion
- Corrosion Protection
- Crystal Growth
- Crystallography
- Elastomers or Coatings
  - High Temperature Coatings
  - Organic Coatings
- Energy Absorbing Materials
- Environmental Effects (materials)
- Fire Flammability Studies
  - Fire Retardant Materials
- Functional Materials
- Hazardous Materials
- Infrared Window Materials
- Interfaces
  - Solid - Liquid Interfaces
  - Solid - Solid Interfaces
- Large Unit Cell Materials
- Liquid Crystal
- Magnetic Materials
- Materials Fatigue or Fracture
- Materials Handling or Storage
- Materials Processing and Finishing
- Mechanical Properties (materials)
- Mechanisms of Flow and Fracture
- Metallurgy
  - Intermetallics
  - Iron
  - Lead
  - Metallography
  - Metallurgical Extractive Processes
  - Physical Metallurgy
  - Steel
  - Zinc
- Optical Materials
- Passivity and Inhibition
- Piezoelectric or Electrostrictive Mechanisms
- Plastics
- Polymer Science
  - Biopolymeric Materials
  - Inorganic Polymers
  - Polymeric Materials

- Structural Polymers
- Polymorphous Materials
- Semiconductors
- Small Structures
- Smart Materials
- Structural Materials
- Surface Science
- Thin Films
- Ultrafine Microstructure
- Mathematics
  - Algebra
  - Algorithms
  - Analysis and Functional Analysis
    - Global Analysis
    - Potential Theory
  - Applied Mathematics
  - Applied Statistics
  - Automata
  - Calculus
  - Chaos
  - Combinatorics
  - Computational Mathematics
  - Cryptology
  - Discrete Classification
  - Discrete Mathematics
  - Dynamical Systems
  - Error Control
  - Experimental Design
  - Finite Mathematics
  - Game Theory
  - Geometry
    - Differential Geometry
  - Harmonic Analysis
  - Logic
  - Mathematical Foundations
  - Mathematical Modeling / Numerical Models
  - Matrix Theory
  - Number Theory
  - Numerical Analysis
  - Operations Research
  - Optimization
  - Partial Differential Equations
  - Philosophy of Mathematics
  - Polynomials
  - Probability
  - Random Fields
  - Regression
  - Sampling Theory
  - Scattering
  - Set Theory
  - Signal Analysis

- Statistics
  - Limit Theorem
  - Stochastic Processes
  - Time Series Analysis
  - Topology
  - Trigonometry
  - Wave Equations
- Military Sciences and Technology
  - Ballistics
  - Battlefield Command or Control
  - Biological or Chemical Warfare
  - Combat Rations
  - Communications Warfare
  - Conventional Warfare
  - Countermeasures
  - Decision Support Technology
  - Defense Planning Policy
  - Defense Technology
  - Electronic Warfare
  - Emergency Preparedness (defense)
  - Human Performance (Military)
  - Information Warfare
  - International Security
  - Military Aircraft
  - Military Logistics
  - Military Personnel Equipment
  - Military Personnel Selection and Training
  - Military Seacraft
  - Military Tactics or Combat
  - Military Textiles
  - Military Training Technology
  - Military Vehicle Technology
  - Mines and Mine Detection
  - Missile Defense Technology
  - Munitions
  - National Security
  - Nuclear Strategy
  - Nuclear Warfare
  - Ordnance
  - Space Warfare
  - Strategic Defense Initiative (SDI)
  - Surface Warfare
  - Target Recognition Systems
  - Tracking or Detection Devices (Defense)
  - Undersea Warfare
    - Antisubmarine Technology
    - Attack-Class Submarine
    - Submarine Detection Technology
    - Underwater Explosive Warheads
  - Warfare or Battlefield Simulation
  - Warfare Technologies

- Weapons or Weapon Systems
  - Non-Lethal Weapons
  - Weapons of Mass Destruction

Mining

- Ocean Mining

Natural Sciences

- Natural History

Nuclear Science

- Nuclear Fission
- Nuclear Fusion
- Nuclear or Radioactive Wastes
- Nuclear Safety

Physical Sciences

- Acoustics

- Acoustic Reverberation

- Applied Physics

- Astronomy

- Astrophysics

- Cosmochemistry

- High Energy Astrophysics

- Celestial Mechanics

- Extrasolar Planets

- Infrared or Optical Astronomy

- Interstellar Studies

- Planetary Studies

- Radio or Radar Astronomy

- Solar Astronomy

- Solar Studies

- Stellar Systems

- Atomic Physics

- Atom Interferometry

- Bioelectromagnetics

- Biophysics

- Chemical Physics

- Computational Physics

- Condensed Matter

- Dielectric Materials

- Electro-Optics / Optoelectronics

- Elementary Particle Physics

- Experimental Physics

- Fluorescence

- Gas Dynamics

- Geophysics

- Gravitation

- High Energy Physics

- High Pressure Physics

- Interferometry

- Laser Physics

- Lasers and Masers

- Low Temperature Physics

- Magnetic Resonance

- Magnetics

- Magnetics Laboratory Facilities
- Magnetospheric Phenomena
- Mathematical Physics
- Microscopy
  - Atomic Force Microscopy
  - Confocal Microscopy
  - Electron Microscopy
- Neutron Scattering
- Nonlinear Dynamics
- Nuclear Magnetic Resonance
- Nuclear Physics
  - Relaxation Phenomenon
- Optics
  - Holography
  - Luminescence
  - Nonlinear Optics
- Particle Accelerators
- Particle Detectors
- Particle Physics
- Photonics
- Physical Sciences Instrumentation
- Physics
- Plasma Physics
  - Non-neural Plasma
- Precision or Measurement Science
- Quantum Mechanics
  - Quantum Chaos
  - Quantum Field Theory
  - Quantum Physics
- Radiation Heat Transfer
- Radiation Physics
- Radiosources, Infrared, X-ray, Gamma Ray
- Relativity
- Scatter or Rough Surfaces
- Solar Physics
- Solid State Physics
  - Electronic Structure
- Spectroscopy
  - Atomic Spectroscopy
  - Molecular Spectroscopy
- Standard Reference Data
- Statistical Mechanics
- String Theory
- Superconductivity
- Surface Physics
- Synchrotron Radiation
- Theoretical Physics
- Thermodynamics
- Turbulent Cascade Phenomena
- Vacuum Science
- Wave Motion

## General Science and Technology Topics

- Animal Research Policy
- Applied Sciences
- Biomedical Ethics
- Cooperative Science Programs
- Ethics in Science and Technology
- Evolution
- Grants Administration or Policy
- Scientific Instrumentation
- Laboratory Practice or Procedure
- Philosophy of Science
- Research Methodology
- Science and Society
- Science Communication
- Science or Engineering Studies--Developing Countries
- Science Planning or Policy
- Science--Humanistic Emphasis
- Survival Probability
- University-Industrial Partnerships

## Space Sciences

- Aerial Reconnaissance
- Aeronautics
- Aerospace Engineering
- Aerospace Environments
- Aerospace Navigation
- Aerospace Personnel Equipment
- Aerospace Safety
- Air Breathing Engines
- Airfoil
- Aluminum Compounds
- Amplitude Distribution Analysis
- Antiferroelectricity
- Antisubmarine Warfare
- Approach
- Approach Control
- Artificial Radiation Belts
- Artificial Satellites
- Astrodynamics
- Astronaut Maneuvering Equipment
- Astronautics Risk
- Astronomical Satellites
- Atmospheric Attenuation
- Atmospheric Models
- Atmospheric Radiation
- Auroras
- Auxiliary Power Sources
- Background Noise
- Background Radiation
- Barrier Layers
- Beams (Radiation)
- Beneficiation
- Biodynamics

Blackout Physiology  
Blackout Propagation  
Booster Rocket Engines  
Boundary Layer Control  
Boundary Layers  
Brakes For Arresting Motion  
Broadband  
Burning Rate  
Cabin Atmospheres  
Carbon Compounds  
Cardiography  
Celestial Geodesy  
Celestial Navigation / Astronavigation  
Celestial Reference Systems  
Change Detection  
Circuit Protection  
Coherent Radiation  
Collision Avoidance  
Cometary Magnetospheres  
Comets  
Command Guidance  
Cryogenics  
Data Acquisition  
Descent Propulsion Systems  
Descent Trajectories  
Directional Stability  
Distance Measuring Equipment  
Dynamic Characteristics  
Dynamic Stability  
Earth Atmosphere  
Earth Orbital Rendezvous  
Earth Orbits  
Ejection  
Elastic Waves  
Electric Generators  
Electromagnetic Coupling  
Electromagnetic Propulsion  
Energy Technology  
Extraterrestrial Environments  
Extraterrestrial Life or Intelligence  
Extraterrestrial Radiation  
Field Aligned Currents  
Field Theory (Physics)  
Flight Instruments  
Fluid Flow  
Flux Rate or Flux Density  
Gas Flow  
Ground Stations  
Ground Support Equipment  
Helicopters  
Interplanetary Spacecraft  
Interplanetary Trajectories

- Ionospheres
  - Ionospheric Conductivity
  - Ionospheric Propagation
- Irradiation
- Jet Aircraft
- Jet Engines
- Laminar Flow
- Landing
  - Landing Aids
  - Landing Simulation
- Laser Interferometry
- Launch Vehicles
- Life Support Systems
- Lunar Atmosphere
- Lunar Probes
- Lunar Sciences
  - Lunar Environment
  - Planetary Exploration
- Lunar Spacecraft
- Maneuverable Spacecraft
- Manned Spaceflight
- Mars Probes
- Matter-Antimatter Propulsion
- Microgravity or Reduced Gravity Experiments
- Moon-Earth Trajectories
- Motion Guidance
- Motion Stability
- Multistage Rocket Vehicles
- Navigation
- Noise
- Noise Prediction (Aircraft)
- Noise Reduction
- Nuclear Astrophysics
- Optical Equipment
- Orbital Position Estimation
- Orbits
- Oscillations
- Oxygen-Hydrocarbon Rocket Engines
- Passenger Aircraft
- Perturbation Theory
- Phase Transformations
- Planetary Environments
- Planetary Orbits
- Propellant Combustion
- Propellant Properties
- Propellents
- Propulsion System Performance
- Radar Approach Control
- Radar Attenuation
- Radar Detection
- Radar Navigation
- Radar Tracking

Radio Communication  
Rare Earth Elements  
Recoverable Spacecraft  
Remotely Piloted Vehicles  
Reusable Spacecraft  
Risk, Astronautics  
Rocket Propulsion or Fuels  
Rocket Vehicles  
Rotor Dynamics  
Satellite Attitude Control  
Satellite Control  
Satellite Doppler Positioning  
Satellite Guidance  
Satellite Tracking  
Satellite-to-Satellite Tracking  
SH Waves  
Solid Propellant Rocket Engines  
Space Mechanics  
Space Stations  
Stimulated Emission Devices  
Stratospheric Warming  
Supersonic Aircraft  
Telescopes  
Transport Aircraft  
Unmanned Spacecraft  
Technology  
    Acoustic Target Detection  
    Acoustic Tomography  
    Acoustics Technology  
    Aerospace Technology  
        Aerospace Electronics / Aircraft Avionics  
        Aerodynamic Technology  
        Aircraft Propulsion Technology  
        Airframe Design  
        Aviation Technology  
        Unmanned Aerial Vehicles  
    Appropriate Technology  
    Biological or Chemical Agent Detection or Protection Technology  
    Breath Facilitating Devices  
    Chemical Technology  
    Communications Technology  
    Electro-Optical Technology  
    Electronic Devices  
    Electronic Materials  
    Engineering Technology  
    Environmental Technology  
    Fuel Use Management Aids  
    Hull Surface Treatment  
    Information Technology  
    Jammers or Decoys  
    Metal Ion Sensors  
    Microwave Circuit Technology

- Miniaturization
- Missile Trajectories
- Ocean Surveillance
- Pyrotechnic Devices
- Ramjet or Scramjet Propulsion Systems
- Remote Sensing Technology
- Satellite Detection or Classification
- Ship or Aircraft Fuels or Fuel Technology
  - Mobility Fuels Technology
- Spacecraft Navigation Technology
- Submersible Vehicles
- Technology Assessment
- Technology Planning or Policy
- Technology Transfer
- Technology, Industrial
- Telecommunications
- Telecommunications Policy
- Telemetry Technology
- Nanotechnology
  - Nanoelectronics
  - Nanomechanics
  - Nanostructured Materials
- Textiles

## **SOCIAL SCIENCES**

- Anthropology
  - Aboriginal Studies
  - Cultural or Social Anthropology
  - Ethnic Studies
  - Ethnobotany
  - Ethnography
  - Ethnohistory
  - Ethnology
  - Islamic Studies
  - Jewish Studies
  - Material Culture
  - Medical Anthropology
  - Physical Anthropology
    - Anthropometry
  - Prehistory
  - Radiocarbon Dating
- Archaeology
  - Archaeological Conservation
  - Archaeometry
  - Cultural Resources
- Cultural or Population Studies
  - Adolescent Parenting
  - Adolescents
  - Adults
  - African Studies
  - African-American Studies
  - African-Americans

Alaskan Natives  
American Studies  
Asian or Pacific Islanders  
American Studies  
Asian-Americans  
Asian Studies  
Blacks  
Canadian Studies  
Chicanos  
Child Abuse or Neglect  
Child Care  
Child Support  
Child Welfare  
Children or Youth  
    At-Risk Children or Youth  
    Infants  
    Runaway Youth  
Community or Outreach Programs  
Community Studies  
Cross Cultural Studies  
Cultural Diversity  
Deaf Culture  
Domestic Violence  
European Studies  
Family  
Feminist Theory  
Gay or Lesbian Studies  
    Homosexual, Female  
    Homosexual, Male  
Gender Issues  
German-Americans  
Hawaiian Native  
Hispanics  
Homeless  
Illegal Aliens  
Immigrants  
Indigenous Peoples  
Inner City  
Latin American Studies  
Latinos or Latinas  
Marriage  
Middle Eastern Studies  
Minorities and Disadvantaged  
Native Americans  
Postcolonial Theory  
Refugees  
Rural Studies  
Russian Studies  
Tourism  
Urban Studies  
Veterans / Gulf War Veterans  
Volunteers

Women's Studies  
Behavioral or Social Studies  
Addictions  
Adoption  
Adult Day Care  
Aggression  
Alcohol or Alcoholism  
Caffeine  
Censorship  
Child Labor  
Child Psychology  
Cocaine  
Confinement  
Conflict Theory  
Consumer Behavior  
Day Care  
Death or Dying (mental or social aspects)  
Disaster Studies  
Discrimination  
Drugs or Drug Abuse  
Earthquake Mitigation  
Firearms or Guns  
Food Stamps  
Gambling  
Genocide  
Halfway Programs  
Handicapped Public Access Program  
Isolation  
Mediation  
Nicotine  
Nuclear Survivability  
Poverty and the Poor  
Program Evaluation (social sciences)  
Public Opinion  
Qualitative Methods (social sciences)  
Racial Issues  
Racism or Race Relation  
Rape or Sexual Abuse  
Ritual  
School Food Programs  
Sex Roles  
Sexual Harassment  
Smoking Behavior  
Social or Behavioral Science Planning or Policy  
Social Science--Humanistic Emphasis  
Social Services Delivery  
Substance Abuse  
Suicide  
Surveys and Survey Research  
Terrorism  
Violence  
Violent Behavior

- Work Motivation
- Youth Violence
- Communications
  - Broadcast Media
  - Content Analysis (communications)
  - Educational Telecommunications
  - Electronic Media
  - Interpersonal Communication
  - Interpreting Services
  - Mass Communication
  - Mass Media
  - Media Management
  - Multimedia or Interactive Communications Technology
  - Print Media
  - Public Television or Radio Stations Support
  - Publishing
  - Semiotics
- Counseling or Guidance
  - Abortion Counseling
  - AIDS Counseling
  - Behavior Modification
  - Counseling Ethics
  - Crisis Counseling
  - Family or Marriage Counseling
  - Vocational Counseling
- Criminology
  - Crime Causation
  - Crime Control
  - Criminal Behavior
  - Criminal Identification
  - Criminal Information System
  - Criminal Justice
    - Capital Punishment
  - Criminal Psychology
  - Criminal Statistics
  - Juvenile Delinquency
  - Nonviolent Crime
  - Penology / Correctional Institutions
  - Prison Health
  - Victimization or Compensation
  - Violent Crime
- Economics
  - Agricultural Economics
  - Applied Economics
  - Business Cycle or Crises
  - Econometrics
  - Economic Analysis
  - Economic Anthropology
  - Economic Competitiveness
  - Economics of Consumption
  - Economics of Indexing
  - Economics of Research and Development

- Economics of Telecommunications
- Economic Policy
- Economic Stabilization
- Economic Theory
- Economics Studies - Developing Countries
- Energy Economics
- Environmental Economics
- European Economic Integration
- Fiscal Theory
- Globalization
- Health Care Economics
- Industrial Cooperation
- Industrial Economics
- Industrial Organization
- Industrial Production
- International Economics
- Labor Economics
  - Employment or Unemployment Studies
  - Unemployment Labor Market
  - Women and Minorities Labor Market
- Macroeconomics
- Microeconomics
- Natural Resource Economics
- Political Economics or Economy
- Regional Economics
- Tariff Policy
- Trade
- Urban Economics
- Geography
  - Aerial Geography
  - Agricultural Geography
  - Cartography
  - Cultural Geography
  - Economic Geography
  - Geographic Information Systems / GIS
  - Geographic Quantitative Methods
  - Global Positioning Systems / GPS
  - Linguistic Geography
  - Medical Geography
  - Political Geography
  - Rural Geography
  - Social Geography
  - Urban Geography
- Home Economics
- Linguistics or Philology
  - Applied Linguistics
  - Computational Linguistics
  - Language Acquisition and Development
  - Lexicography
  - Phonology
  - Psycholinguistics
  - Semantics

- Sociolinguistics
- Syntax
- Planning or Policy Studies
  - Decision Sciences
  - Educational Planning or Policy
  - Emergency or Disaster Planning or Policy
  - Energy Planning or Policy
  - Engineering Planning or Policy
  - Environmental Planning or Policy
  - International Planning or Policy / Foreign Policy
  - Land Use Planning or Policy
  - Minority Policy
  - National Planning or Policy
  - Peace, Disarmament, or Amnesty
    - Arms Control
  - Public Land Use
  - Public Policy / Public Planning
  - Regional Planning or Policy
  - Risk Factor Analysis
  - Rural Planning or Policy
  - Urban Planning or Policy
  - Youth Policy
- Political Science
  - Capitalism
  - Citizenship
  - Civic Education
  - Civil or Human Rights
  - Civil Service
  - Comparative Government or Politics
  - Constitution
  - Democracy
  - Electoral System
  - Equal Opportunity
  - Formal Theory (Political Science)
  - Government Accountability
  - Government Regulations
  - Government Studies
  - Governmental Functions
  - Intergovernmental Relations
  - International Relations or Diplomacy
  - Local Government
  - Municipal Government
  - Nationalism
  - Political Behavior
  - Political History
  - Political Methodology
  - Political Participation
  - Political Parties
  - Political Philosophy
  - Political Right
  - Political Theory
  - Reproductive Rights

## Population Sciences

- Demography
- Diaspora
- Ecology and Population
- Behavioral Ecology
- Community Ecology
- Human Population and Genetics
- Human Reproduction or Fertility
- Immigration
- Metapopulation
- Migration
- Population Biology
- Population Control
- Population Forecasting
- Population Geography
- Population Studies--Developing Countries
- Population Transfers
- Population Viability Analysis

## Psychology

- Abnormal Psychology
- Adjustment Psychology
- Adolescent Psychology
- Adolescent Sexual Behavior
- Analytical Psychology
- Applied Psychology
- Behavioral or Experimental Psychology
- Burnout
- Clinical Psychology
- Cognitive Development or Processes
- Cognitive or Behavioral Models
- Cognitive Psychology
- Cognitive Science
- Comparative Psychology / Animal Psychology
- Compulsive Behavior
- Dependency
- Developmental Psychology
- Educational Psychology
- Emotions
- Engineering Psychology
- Environmental Psychology
- Evolutionary Psychology
- Experimental Psychology
- Genetic Psychology
- Gestalt Psychology
- Health Psychology
- Human Learning and Memory
- Humanistic Psychology
- Industrial Psychology
- Infant Psychology
- Neuropsychology
- Nonverbal Communication
- Parapsychology

- Phobias
- Physiological Psychology / Psychophysiology
- Psychoanalysis
- Psychobiology
- Psychodynamics
- Psychology of Abused Children
- Psychology of Abused Spouses
- Psychology of Aging
- Psychology of Exceptional Children
- Psychology of Reading
- Psychology of Women
- Psychometrics / Mental Measurement
- Psychopharmacology
- Psychophysics
- Sex Differences
- Sexual Behavior
- Social Psychology
- Sport Psychology
- Public Affairs
  - Civic Activities
  - Housing
  - Public Affairs Planning Policy
  - Transportation
    - Air Transportation
      - Air Safety
    - Public Transportation
    - Transportation Safety
- Recreation and Leisure Studies
- Rehabilitation or Therapy
  - Art or Music Therapy
  - Emotional or Social Therapy
  - Handicapped Rehabilitation
  - Occupational Therapy
  - Physical Therapy
  - Recreational Therapy
- Social Services / Human Services
  - Community Development or Revitalization
  - Community Services
  - Family Services
  - Handicapped Social or Recreation Services
  - Handicapped Vocational Service
  - Homeless Services
  - Migrant Services
  - Minority Social or Economic Services
  - Quality of Life Program
  - Refugee or Immigrant Services
  - Rural Services
  - Self-Help Projects
  - Senior Citizen Service Programs
  - Social Security
  - Social Service Planning or Policy
  - Social Welfare

- Social Welfare Planning or Policy
- Social Welfare Studies - Developing Countries
- Social Work
- Veterans Services
- Women Social or Economic Services
- Sociolegal Studies
  - Disputing and Conflict Resolution
  - Environmental Justice
  - Law and Social Change
  - Legal Systems
  - Social Control
- Sociology
  - Activists or Activism
  - Alienation
  - Applied Sociology
  - Assimilation
  - Automation and Industrial Workers
  - Belief or Knowledge Systems
  - Clinical Sociology
  - Collective Behavior / Group Behavior
  - Comparative Sociology
  - Industrial Sociology
  - Leadership Development
  - Medical Sociology
  - Organizational Theory and Behavior
  - Political Sociology
  - Sexuality and Sex Roles
  - Social Change
  - Social Development
  - Social Justice
  - Social Measurement and Indicators
  - Social Movements
  - Social Organization
  - Social Stratification or Mobility
  - Social Structures
  - Sociological Theory
  - Sociology of Language
  - Sociology of Science
  - Sociology of Sex and Gender
  - Sociology of the Family
  - Urban Sociology
  - Worker Attitudes
  - Youth Development or Leadership
- Sports or Athletics