Annual Reviews Journal Descriptions: Below are brief descriptions of our 2016 journals for your use in library promotional materials including subject guides, LibGuides, emails to faculty, federated search engines and catalog descriptions. These descriptions include article features, topics covered, intended audiences, year of first publication, and journal URLs.

Annual Review of Analytical Chemistry
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Aimed at readers with a general background in the natural sciences along with scientists interested in physical, chemical, and biological measurements. Draws from disciplines as diverse as biology, physics, and engineering.

Since 2008. URL: www.annualreviews.org/journal/anchem

Annual Review of Animal Biosciences
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include biotechnology, genetics, genomics, and breeding; veterinary medicine, especially veterinary pathobiology, infectious diseases, and vaccine development; and conservation and zoo biology, particularly genomics. Intended for scientists focused on domesticated and wild animal species, veterinarians, conservation biologists, and geneticists.

Since 2013. URL: www.annualreviews.org/journal/animal

Annual Review of Anthropology
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include archaeology, biological anthropology, linguistics and communicative practices, regional studies and international anthropology, and sociocultural anthropology.

Since 1972. URL: www.annualreviews.org/journal/anthro

Annual Review of Astronomy and Astrophysics
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include the sun, solar system and extrasolar planets, stars, galaxies, active galactic nuclei, cosmology, and instrumentation and techniques.
Annual Review of Biochemistry
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

The first Annual Reviews journal, it sets the standard for review articles in biological chemistry and molecular biology and serves as an indispensable resource for practicing biochemists and their students.

Since 1932. URL: www.annualreviews.org/journal/biochem

Annual Review of Biomedical Engineering
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include biomechanics, biomaterials, computational genomics and proteomics, tissue engineering, biomonitoring, health care engineering, drug delivery, bioelectrical engineering, biochemical engineering, and biomedical imaging topics.

Since 1999. URL: www.annualreviews.org/journal/bioeng

Annual Review of Biophysics
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include macromolecular structure, function and dynamics, theoretical and computational biophysics, molecular biophysics of the cell, physical systems biology, membrane biophysics, biotechnology, nanotechnology, and emerging techniques.

Since 1972. URL: www.annualreviews.org/journal/biophys

Annual Review of Cell and Developmental Biology
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include the structure, function, and organization of the cell; development and evolution of the cell in single and multicellular organisms; and models and tools of molecular biology.

Since 1985. URL: www.annualreviews.org/journal/cellbio
Annual Review of Chemical and Biomolecular Engineering
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Aimed at readers with a general background in the natural sciences, including scientists and engineers interested in physical, chemical, and biological phenomena toward advances in chemical process design and creation of new chemical products. Draws from disciplines as diverse as biology, chemistry, physics, and engineering.

Since 2010. URL: www.annualreviews.org/journal/chembioeng

Annual Review of Clinical Psychology
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics explore the research, theory, and the application of psychological principles to address recognized disorders, including schizophrenia as well as mood, anxiety, childhood, substance use, cognitive, and personality disorders; also addresses diagnosis, treatment, social policy, and cross-cultural and legal issues.

Since 2005. URL: www.annualreviews.org/journal/clinpsy

Annual Review of Condensed Matter Physics
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics explore related research areas in materials science and biology.

Since 2010. URL: www.annualreviews.org/journal/conmatphys

Annual Review of Earth and Planetary Sciences
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics range from the climate, environment, and geological hazards to the formation of planets and the evolution of life.

Since 1973. URL: www.annualreviews.org/journal/earth

Annual Review of Ecology, Evolution, and Systematics
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.
Articles range from phylogeny, speciation, and molecular evolution through behavior and evolutionary physiology to population dynamics, ecosystems processes, and applications in invasion biology, conservation, and environmental management.

Since 1970. URL: www.annualreviews.org/journal/ecolsys

Annual Review of Economics
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include macroeconomics and money; microeconomics, including economic psychology; international economics; public finance; health economics; education; economic growth and technological change; economic development; social economics, including culture, institutions, social interaction, and networks; game theory; political economy; and social choice.

Since 2009. URL: www.annualreviews.org/journal/economics

Annual Review of Entomology
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include biochemistry and physiology, morphology and development, behavior and neuroscience, ecology, agricultural entomology and pest management, biological control, forest entomology, medical and veterinary entomology, pathology, vectors of plant disease, genetics, genomics, systematics, evolution, and biogeography.

Since 1956. URL: www.annualreviews.org/journal/ento

Annual Review of Environment and Resources
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Covers the advances and emerging issues in environmental science and includes an extensive bibliography. Topics include ecology and conservation science, engineering, water and energy resources, atmosphere, oceans, climate change, agriculture and living resources, and human dimensions of resource use and global change.

Since 1976. URL: www.annualreviews.org/journal/energy

Annual Review of Financial Economics
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.
Topics include theoretical, empirical, and experimental developments in financial economics; capital markets, corporate finance, financial institutions, market microstructure, and behavioral and experimental finance.

Since 2009. URL: www.annualreviews.org/journal/financial

Annual Review of Fluid Mechanics
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include non-Newtonian fluids and rheology, incompressible and compressible fluids, plasma flow, stability of flow, multi-phase flows, mixing and transport of heat and species, control of fluid flow, combustion, turbulence, shock waves and explosions.

Since 1969. URL: www.annualreviews.org/journal/fluid

Annual Review of Food Science and Technology
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include: food microbiology, food-borne pathogens, and fermentation; food engineering, chemistry, biochemistry, rheology, and sensory properties; novel ingredients and nutrigenomics; emerging technologies in food processing and preservation; biotechnology applications and nanomaterials in food systems.

Since 2010. URL: www.annualreviews.org/journal/food

Annual Review of Genetics
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include biochemical, behavioral, cell, and developmental genetics; evolutionary and population genetics; chromosome structure and transmission; gene function and expression; mutation and repair; genomics; immunogenetics; and other topics related to the genetics of viruses, bacteria, fungi, plants, and animals, including humans.

Since 1967. URL: www.annualreviews.org/journal/genet

Annual Review of Genomics and Human Genetics
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Explores genomics as it applies to human genetics and the human genome. Topics include genomic technology, genome structure and function, genetic
modification, human variation and population genetics, human evolution, and all aspects of human genetic disease, including individualized medicine.

Since 2000. URL: www.annualreviews.org/journal/genom

Annual Review of Immunology
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Focuses on basic immune mechanisms and molecular basis of immune diseases in humans. Topics include innate and adaptive immunity; immune cell development and differentiation; immune control of pathogens (viruses, bacteria, parasites) and cancer; and human immunodeficiency and autoimmune diseases.

Since 1983. URL: www.annualreviews.org/journal/immunol

Annual Review of Law and Social Science
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Draws on the complex connections between law, culture, social structure, and society by focusing on social scientific studies of law and law-like systems of rules, institutions, processes, and behaviors.

Since 2005. URL: www.annualreviews.org/journal/lawsocsci

Annual Review of Linguistics
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include phonetics, phonology, morphology, syntax, semantics, pragmatics, and their interfaces. Reviews synthesize advances in linguistic theory, sociolinguistics, psycholinguistics, neurolinguistics, language change, biology and evolution of language, typology, as well as applications of linguistics in many domains.

Since 2014. URL: www.annualreviews.org/journal/linguistics

Annual Review of Marine Science
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Draws from diverse topics within the major disciplines of coastal and blue water oceanography (biological, chemical, geological, and physical) as well as subjects in ecology, conservation, and technological developments within the marine environment.
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Annual Review of Materials Research
Topics include original methodologies, materials phenomena, and material systems.

Annual Review of Medicine
Topics include AIDS/HIV, cardiology, clinical pharmacology, dermatology, endocrinology/metabolism, gastroenterology, genetics, immunology, infectious disease, neurology, oncology/hematology, pediatrics, psychiatry, pulmonology, reproductive medicine, and surgery.

Annual Review of Microbiology
Topics include bacteria, archaea, viruses, and unicellular eukaryotes. Draws from a broad group of disciplines, ranging from ecology and evolution to biochemistry, genomics, and structural biology. Aimed at students and scientists with a general background in biology or microbiology.

Annual Review of Neuroscience
Topics include molecular and cellular neuroscience, neurogenetics, development, plasticity and repair, systems neuroscience, cognitive neuroscience, behavior, neurobiology of disease, and ethics.

Since 2009. URL: www.annualreviews.org/journal/marine

Since 1971. URL: www.annualreviews.org/journal/matsci

Since 1950. URL: www.annualreviews.org/journal/med

Since 1947. URL: www.annualreviews.org/journal/micro

Since 1978. URL: www.annualreviews.org/journal/neuro
**Annual Review of Nuclear and Particle Science**
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include recent theoretical developments, experimental results and their interpretation, nuclear structure, heavy ion interactions, oscillations observed in solar and atmospheric neutrinos, the physics of heavy quarks, the impact of particle and nuclear physics on astroparticle physics, and accelerator design and instrumentation.

Since 1952. URL: [www.annualreviews.org/journal/nucl](http://www.annualreviews.org/journal/nucl)

**Annual Review of Nutrition**
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include energy metabolism, carbohydrates, lipids, proteins and amino acids, vitamins, minerals, nutrient transport and function, metabolic regulation, nutritional genomics, molecular and cell biology, clinical nutrition, comparative nutrition, nutritional anthropology, nutritional toxicology, nutritional microbiology, epidemiology, and public health nutrition.

Since 1981. URL: [www.annualreviews.org/journal/nutr](http://www.annualreviews.org/journal/nutr)

**Annual Review of Organizational Psychology and Organizational Behavior**
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include industrial and organizational psychology, human resource management, and organizational behavior.

Since 2014. URL: [www.annualreviews.org/journal/orgpsych](http://www.annualreviews.org/journal/orgpsych)

**Annual Review of Pathology: Mechanisms of Disease**
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Enhances our understanding of the initiation and progression of human diseases. Topics include current and evolving concepts of disease pathogenesis, molecular genetic and morphologic alterations associated with diseases, and clinical significance.

Since 2006. URL: [www.annualreviews.org/journal/pathmechdis](http://www.annualreviews.org/journal/pathmechdis)
Annual Review of Pharmacology and Toxicology
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include receptors, transporters, enzymes, and chemical agents; drug development science; and the immune system, central and autonomic nervous systems, gastrointestinal system, cardiovascular system, endocrine system, and pulmonary system.

Since 1961. URL: www.annualreviews.org/journal/pharmtox

Annual Review of Physical Chemistry
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include biophysical chemistry, chemical kinetics, colloids, electrochemistry, geochemistry and cosmochemistry, chemistry of atmosphere and climate, laser chemistry and ultrafast processes, the liquid state, magnetic resonance, physical organic chemistry, polymers, and macromolecules.

Since 1950. URL: www.annualreviews.org/journal/physchem

Annual Review of Physiology
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include cardiovascular physiology; cell physiology; ecological, evolutionary, and comparative physiology; endocrinology; gastrointestinal physiology; neurophysiology; renal and electrolyte physiology; and respiratory physiology.

Since 1939. URL: www.annualreviews.org/journal/physiol

Annual Review of Phytopathology
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include plant disease diagnosis, pathogens, host-pathogen interactions, epidemiology and ecology, breeding for resistance, and plant disease management. Includes special section on the development of concepts.

Since 1963. URL: www.annualreviews.org/journal/phyto

Annual Review of Plant Biology
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.
Topics include plant biochemistry and biosynthesis; genetics, genomics; and molecular biology; cell differentiation; tissue; organ and whole-plant events; acclimation and adaptation, and methods and model organisms.

Since 1950. URL: www.annualreviews.org/journal/arplant

Annual Review of Political Science
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include political theory and philosophy, international relations, political economy, political behavior, American and comparative politics, public administration and policy, and methodology.

Since 1998. URL: www.annualreviews.org/journal/polisci

Annual Review of Psychology
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include the biological bases of behavior, sensation and perception, cognitive processes, animal learning and behavior, human development, psychopathology, clinical and counseling psychology, social psychology, personality, environmental psychology, and community psychology.

Since 1950. URL: www.annualreviews.org/journal/psych

Annual Review of Public Health
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include key developments in epidemiology and biostatistics, environmental and occupational health, issues related to social environment and behavior, health services, and public health practice.

Since 1980. URL: www.annualreviews.org/journal/publhealth

Annual Review of Resource Economics
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Focuses on agricultural economics, environmental economics, renewable resources, and exhaustible resources.

Since 2009. URL: www.annualreviews.org/journal/resource
Annual Review of Sociology
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include major theoretical and methodological developments and current research in the major subfields. Review articles cover social processes, institutions and culture, organizations, political and economic sociology, stratification, demography, urban sociology, social policy, and historical sociology.

Since 1975. URL: www.annualreviews.org/journal/soc

Annual Review of Statistics and Its Application
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include developments in statistics, including theoretical statistical underpinnings of new methodology and specific domains such as biostatistics and bioinformatics, economics, machine learning, psychology, sociology, and aspects of the physical sciences.

Since 2014. URL: www.annualreviews.org/journal/statistics

Annual Review of Virology
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Topics include viruses of animals, plants, bacteria, archaea, fungi, and protozoa. Reviews will inform basic virology, viral disease mechanisms, virus-host interactions, and cellular and immune responses to virus infection.

Since 2014. URL: www.annualreviews.org/journal/virology

Annual Review of Vision Science
Time-saving review articles summarize key research and emerging issues. Extensive bibliographies provide authoritative paths to relevant primary literature.

Reviews progress in the visual sciences, a cross-cutting set of disciplines which intersect psychology, neuroscience, computer science, cell biology and genetics, and clinical medicine. Covers a broad range of topics and techniques, including optics, retina, central visual processing, visual perception, eye movements, visual
development, vision models, computer vision, and the mechanisms of visual
disease, dysfunction, and sight restoration.

Since 2014. URL: www.annualreviews.org/journal/vision