

# Psychologist



## Career Description

Psychologists study the human mind and human behavior. Research psychologists investigate the physical, cognitive, emotional, or social aspects of human behavior. Psychologists in health service provider fields provide mental health care in hospitals, clinics, schools, or private settings. Psychologists employed in applied settings, such as business, industry, government, or nonprofits, provide training, conduct research, design systems, and act as advocates for psychology.

Like other social scientists, psychologists formulate hypotheses and collect data to test their validity. Research methods vary with the topic under study. Psychologists sometimes gather information through controlled laboratory experiments or by administering personality, performance, aptitude, or intelligence tests. Other methods include observation, interviews, questionnaires, clinical studies, and surveys.

Psychologists apply their knowledge to a wide range of endeavors, including health and human services, management, education, law, and sports. In addition to working in a variety of settings, psychologists usually specialize in one of a number of different areas.

Clinical psychologists—who constitute the largest specialty—work most often in counseling centers, independent or group practices, hospitals, or clinics. They help mentally and emotionally disturbed clients adjust to life and may assist medical and surgical patients in dealing with illnesses or injuries. Some clinical psychologists work in physical rehabilitation settings, treating patients with spinal cord injuries, chronic pain or illness, stroke, arthritis, and neurological conditions. Others help people deal with times of personal crisis, such as divorce or the death of a loved one.

Clinical psychologists often interview patients and give diagnostic tests. They may provide individual, family, or group psychotherapy and may design and implement behavior modification programs. Some clinical psychologists collaborate with physicians and other specialists to develop and implement treatment and intervention programs for patients. Other clinical psychologists work in universities and medical schools, where they train graduate students in the delivery of mental health and behavioral medicine services. Some administer community mental health programs.

Areas of specialization within clinical psychology include:

- *Health psychologists*, who promote good health through health maintenance counseling programs designed to help people achieve goals, such as stopping smoking or losing weight
- *Neuropsychologists*, who study the relation between the brain and behavior. They often work in stroke and head injury programs
- *Geropsychologists*, who deal with the special problems faced by the elderly.

Often, clinical psychologists will consult with other medical personnel regarding the best treatment for patients, especially treatment that includes medication. Clinical psychologists generally are not permitted to prescribe medication to treat patients; only psychiatrists and other medical doctors may prescribe certain medications. Louisiana and New Mexico, however, currently allow clinical psychologists to prescribe medication, with some limitations, and similar proposals have been made in other states.

In addition to clinical psychologists, other types of psychologists include:

- Counseling psychologists
- School psychologists
- Industrial-organizational psychologists
- Developmental psychologists
- Social psychologists
- Experimental or research psychologists



## Employment Characteristics

A psychologist's working conditions are determined by type of practice and place of employment. Clinical psychologists in private practice have their own offices and set their own hours. They often offer evening and weekend hours to accommodate their clients. Those employed in hospitals, nursing homes, and other health care facilities may work shifts that include evenings and weekends, while those who work in schools and clinics generally work regular hours.

Increasingly, many psychologists are working as part of a team, consulting with other psychologists and professionals. Many experience pressures because of deadlines, tight schedules, and overtime. Their routine may be interrupted frequently. Travel may be required in order to attend conferences or conduct research.



## Salary

Median annual earnings of wage and salary clinical, counseling, and school psychologists in May 2004 were \$54,950. The middle 50 percent earned between \$41,850 and \$71,880. The lowest 10 percent earned less than \$32,280, and the highest 10 percent earned more than \$92,250. Median annual earnings in the industries employing the largest numbers of clinical, counseling, and school psychologists in May 2004 were:

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| • Offices of other health practitioners | \$64,460 |
| • Elementary and secondary schools      | \$58,360 |
| • Outpatient care centers               | \$46,850 |
| • Individual and family services        | \$42,640 |

For more information, see [www.ama-assn.org/go/hpsalary](http://www.ama-assn.org/go/hpsalary).



## Employment Outlook

Employment of psychologists is expected to grow faster than average for all occupations through 2014, because of increased demand for psychological services in schools, hospitals, social service agencies, mental health centers, substance abuse treatment clinics, consulting firms, and private companies.

Clinical and counseling psychologists will be needed to help people deal with depression and other mental disorders, marriage and family problems, job stress, and addiction. The rise in health care costs associated with unhealthy lifestyles, such as smoking, alcoholism, and obesity, has made prevention and treatment more critical. An increase in the number of employee assistance programs, which help workers deal with personal problems, also should spur job growth in clinical and counseling specialties.

Demand should be particularly strong for persons holding doctorates from leading universities in applied specialties, such as counseling, health, and school psychology. Psychologists with

extensive training in quantitative research methods and computer science may have a competitive edge over applicants without this experience.

Master's degree holders in fields other than industrial-organizational psychology will face keen competition for jobs, because of the limited number of positions that require only a master's degree. Master's degree holders may find jobs as psychological assistants or counselors, providing mental health services under the direct supervision of a licensed psychologist. Still others may find jobs involving research and data collection and analysis in universities, government, or private companies.

Opportunities directly related to psychology will be limited for bachelor's degree holders. Some may find jobs as assistants in rehabilitation centers or in other jobs involving data collection and analysis. Those who meet state certification requirements may become high school psychology teachers.



### Educational Programs

**Award, Length.** A doctoral degree, either a PhD or a Doctor of Psychology (PsyD) degree, generally requires 5 to 7 years of graduate study.

**Prerequisites.** Competition for admission to graduate psychology programs is keen. Some universities require applicants to have an undergraduate major in psychology. Others prefer only coursework in basic psychology with courses in the biological, physical, and social sciences and in statistics and mathematics.

Aspiring psychologists who are interested in direct patient care must be emotionally stable, mature, and able to deal effectively with people. Sensitivity, compassion, good communication skills, and the ability to lead and inspire others are particularly important qualities for persons wishing to do clinical work and counseling. Research psychologists should be able to do detailed work both independently and as part of a team. Patience and perseverance are vital qualities, because achieving results in the psychological treatment of patients or in research may take a long time.

**Curriculum.** The PhD degree culminates in a dissertation based on original research. Courses in quantitative research methods, which include the use of computer-based analysis, are an integral part of graduate study and are necessary to complete the dissertation. The PsyD may be based on practical work and examinations rather than a dissertation. In clinical or counseling psychology, the requirements for the doctoral degree include at least a 1-year internship.



### Licensure, Certification, Registration

Psychologists in independent practice or those who offer any type of patient care—including clinical, counseling, and school psychologists—must meet certification or licensing requirements in all states and the District of Columbia. Licensing laws vary by state and type of position and require licensed or certified psychologists to limit their practice to areas in which they have developed professional competence through training and experience. Clinical and counseling psychologists usually require a doctorate in psychology, the completion of an approved internship, and 1 to 2 years of professional experience. In addition, all states require that applicants pass an examination. Most state licensing boards administer a standardized test, and many supplement that with additional oral or essay questions. Some states require continuing education for licensure renewal.

The American Board of Professional Psychology (ABPP) recognizes professional achievement by awarding specialty certification, primarily in clinical psychology, clinical neuropsychology, and counseling, forensic, industrial-organizational, and school psychology. Requirements for ABPP certification include a doctorate in psychology, postdoctoral training in one's specialty, 5 years of experience, professional endorsements, and a passing grade on an examination.



### Inquiries

#### Education, Careers, Resources

American Psychological Association, Research Office and Education Directorate  
750 1st Street NE  
Washington, DC 20002-4242  
[www.apa.org/students](http://www.apa.org/students)

#### Licensure, Certification

Association of State and Provincial Psychology Boards  
PO Box 241245  
Montgomery, AL 36124-1245  
[www.asppb.org](http://www.asppb.org)

American Board of Professional Psychology  
300 Drayton Street, 3rd Floor  
Savannah, GA 31401  
[www.abpp.org](http://www.abpp.org)