

Linking Majors to Careers

NEUROSCIENCE

Neuroscience

Neuroscience is a rapidly expanding discipline in psychology and biology. Neuroscientists are involved in the study of brain and nervous system functions. Students who enter into neuroscience will help to discover basis of normal brain function in order to understand neurological and neuron-psychiatric disease. Neuroscientists today are using advanced technology and techniques ranging from molecular genetics to brain imaging. Areas of study and research include sensory processing, memory, sleep disorders, epilepsy, and Alzheimer's.

- As neuroscience is a relatively new discipline, it is not limited to traditional areas of biology and psychology. However, most neuroscientists are involved in research, medicine and/or teaching. Wherever they work, they are involved in research and development, data collection, testing, and more.
- There are opportunities both in the public and private sectors.

SKILLS: The person who majors in **Neuroscience** at Regis University has the opportunity to learn a variety of **skills** such as:

- collecting and analyzing data
- conducting research
- preparing/writing reports
- making critical observations
- problem solving
- making oral presentations
- evaluating data
- gathering information
- learning research methodology
- keeping records

SOME TIPS ON GETTING A JOB IN THIS FIELD:

1. Do an internship in the area of your interest.
2. Do undergraduate research with one of your professors. Students' work been published in Physiology and Behavioral Chemical Senses and have presented their research at the National Society for Neuroscience meeting.
3. Become a lab or teaching assistant.
4. Take advantage of the resources available at the local medical school or a school with a graduate program in neuroscience.
5. Join the Neuroscience Club to gain new information about the field and areas of study.
6. Do informational interviewing to get a better idea of jobs in your area. Career Services will be happy to help you get started.

RELATED JOBS: Graduates with a bachelor's degree can get beginning jobs as lab assistants and entry level analysis or testing. Advanced degrees are necessary to become involved in research, medicine, and teaching in colleges and universities. Listed below are some career fields neuroscientists may enter:

neurologist*	optometrist*	ophthalmologist*
psychologist*	occupational therapist*	speech therapist*
rehabilitation therapist	teacher*	genetic counselor*
sports neurologist*	physical therapist*	tester
physician*	surgeon*	physician assistant*
writer, technical/scientific	researcher	psychiatrist*
neurophysiologist*	behavioral pharmacologist*	medical equipment
salesperson	medical technologist	clinical psychologist*
laboratory technician	laboratory manager	veterinarian*
neurobiologist*	behavioral medicine therapist*	sensory physiologist*
drug counselor	nurse*	neuroanatomist*

*Usually requires a degree beyond the bachelor's level or additional training.

WEB SITES RELATED TO NEUROSCIENCE:

Careers in Psychology	http://www.psywww.com/careers
Science Careers	recruit.sciencemag.org/
Pharmaceutical Jobs from Hirehealth	www.hirehealth.com/ci/servlet/com.ci.home.Home
Careers in Biotechnology	www.bio.org/speeches/pubs/er/
Psychology Careers	http://www.apa.org/students/brochure/
Information on Federal Service- Jobs & Internships with the Federal Government	http://www.ourpublicservice.org/info-url3739/info-url_list.htm?cat_id=43
Careers in Social Work	https://www.socialworkers.org/students/default.asp
Careers in School Psychology	http://www.indiana.edu/%7Ediv16/G&O.htm

INFORMATION WEBSITES:

Society for Neuroscience	www.sfn.org
Journal of Undergraduate Neuroscience Education	www.funjournal.org

CAREER RESOURCES IN:

- CAREER SERVICES LIBRARY (CS)
 - DAYTON MEMORIAL LIBRARY (DM)
 - ON THE INTERNET
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Career and Occupational Information

Occupational Outlook Handbook (CS, DM, and <http://www.bls.gov/oco>)

ONET <http://online.onetcenter.org>

Adams Jobs Almanac (CS, DM)

Dictionary of Occupational Titles (CS, DM)

Great Careers for... series (CS)

Careers for ... series (CS)

Careers in ... series (DM)

Encyclopedia of Career and Vocational Guidance (DM)

Liberal Arts Career News (CS)

Professional Organizations

National Directory of Non-Profit Organizations (DM)

Denver Meets (DM)

Encyclopedia of Associations (link on DM online catalog)

Internet Public Library listing at: <http://www.ipl.org/div/aon>

Employer Directories

Reference USA (link on DM online catalog)

Denver Business Journal Top 25 Book of Lists (CS, DM)

Colorado Business Directory (DM and available via link on DM online catalog)

Directory of Colorado Manufacturers (DM)

Rocky Mountain High Tech. Directory (DM)

Almanac of American Employers (DM)

Job Banks for US cities (CS, DM)

Standard & Poor's Register of Corp. Directory (link on DM online catalog)

Thomas Register of American Manufacturers
<http://www.thomasregister.com>

Directory of Colorado Non-Profits (DM and <http://www.coloradonoprofits.org>)

Employment Outlook

Occupational Outlook Quarterly (CS, DM)

Job Rated Almanac (DM)

CAM report (CS)

Employment Outlook for Colorado (DM)

Internships

Internships are placements with employers that give Regis College students with a GPA of 2.5 or better the opportunity to combine coursework with real-life experience while earning academic credit. Internships enhance academic knowledge, personal development and professional preparation. In addition, a successful internship can give students an edge when hiring decisions are made because employers seek applicants with practical experience in their field. Students interested in an internship need to register with the **Academic Internship Program** for help with determining a site placement, learning objectives and academic criteria.

Graduate School Information

Real Guide to Grad School (CS, DM)

Peterson's Graduate and Professional Programs (CS, DM and <http://www.petersons.com>)

Gorman Report (CS)

Graduate School Admissions Advisor (CS)

Getting what you came for (CS)

Educational Rankings Annual (DM)

College Blue Book (DM)

Directory of Post-Secondary Institutions (DM)

Salary Information

Colorado Occupational Wages
(<http://www.coworkforce.com/lmi/wages/wages.asp>)

Compensation & Working Conditions (DM)

NACE Salary Survey (CS)

Salary.com - <http://Salary.com>

Alumni Career Network

One of the best resources for career information is people who work in the field you are considering. Contact information for Regis Alumni who have agreed to talk with students investigating career fields is available on the Alumni Career Network, a program located under "Alumni" at <http://www.ecampusrecruiter.com/regis>

World Wide Web Sites

Regis Career Services: <http://www.regis.edu/careerservices>

Dayton Memorial Library article and research database:
<http://www.regis.edu/libdatabase.asp?sctn=lib&p1=empty>

JobWeb (NACE): <http://www.jobweb.org>

Career Magazine: <http://www.careermag.com>

America's Job Bank: <http://www.ajb.dni.us>