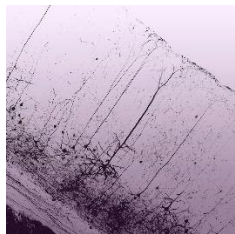




## Physiology and Neurobiology



Using information from the University of Maryland graduation survey, we have compiled information about Physiology and Neurobiology majors, such as where they work or go to graduate school post-graduation. Check out the topics below to learn more about planning for your career! For more information, follow the link to the University Career Center at CMNS (UCC@CMNS):

[go.umd.edu/uccatcmns](http://go.umd.edu/uccatcmns)

### Industries and Career Paths

**Physiology and Neurobiology** majors are employed by governmental, industrial and academic organizations and non-academic settings. This specialization will specifically prepare students for graduate study, medicine, dentistry, allied health fields, and basic or applied research.

### Organizations

The following list showcases employers of UMD Physiology and Neurobiology undergraduates:

- National Institutes of Health (NIH)
- Children's National Medical Center
- ScribeAmerica
- CAIP Labs
- George Washington University
- Publicis.Sapient
- MedImmune LLC
- Physical Synergy
- University of Maryland
- Anne Arundel Medical Center
- SoBran Bioscience
- American Medical Response
- Deloitte Consulting
- U.S. Food and Drug Administration
- Sigmovir Biosystems, Inc.
- J. Craig Venter Institute
- Randstad Technologies
- Howard Hughes Medical Institute

### Job Titles

The sample job titles below exemplify positions Physiology and Neurobiology majors are qualified for upon graduation. This is not an exhaustive list, but a starting point for exploration.

- Research Associate/Assistant
- Project Manager
- Medical Scribe
- Medical/Dental Assistant
- Physical Therapy Aide
- Research Fellow
- Lab Technician/Manager
- Technology Recruiter
- Clinical Assistant
- Business Technology Analyst
- Clinical Data Specialist
- Genomic Analyst
- Management Consulting Analyst
- Pathology Lab Technician



## Graduate Schools

The following is a list of schools where graduates are pursuing graduate degrees:

- Baylor University
- Boston University
- Cornell University
- Drexel University
- George Mason University
- George Washington University
- Georgetown University
- Harvard University
- Howard University
- Johns Hopkins University
- Rutgers University
- Stanford University
- University of Maryland
- University of Maryland, Baltimore
- University of Pennsylvania
- University of Virginia

## Skills Developed as a Physiology and Neurobiology Major

The University of Maryland will prepare each student with many different skills to take into the workplace. These skills will come from academic coursework as well as co-curricular experiential learning opportunities. For insight into what employers are looking for, review the skills inventory list ([go.umd.edu/skillslist](http://go.umd.edu/skillslist)) to examine ways to include technical and cross-disciplinary skills on a resume, in interviews and on LinkedIn. The following link highlights “must have” career readiness competencies, according to employers: ([go.umd.edu/fourcompetencies](http://go.umd.edu/fourcompetencies)).

This major will prepare you with the following technical and cross-disciplinary skills to:

1. define a research question and design an experiment to answer it in a meaningful and scientific way
2. gather and analyze data, to see relationships among different factors affecting the data, and to draw meaningful conclusions from these data
3. apply appropriate mathematical calculations and modeling to scientific problems
4. communicate via research proposals, journal papers, and oral presentations
5. collaborate efficiently and productively with other researchers
6. master computers and other technology, such as centrifuges, microscopes, spectrophotometers, and electrophysiological data collection equipment

## Physiology and Neurobiology Major Resources

The following resources will help you explore relevant career paths, as well as job postings:

- American Institute of Biological Sciences: [aibs.org](http://aibs.org)
- Society for Neuroscience: [snf.org](http://snf.org)
- Vault – Employer/Industry insights, rankings and reviews: [vault.com](http://vault.com)
- Biology and Other Life Sciences Jobs:  
<https://access.vault.com/recordurl?nid=9781438191782gpv&wid=256769&vid=1>