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Reflect upon your past experiences and future goals, and learn what makes you unique.Find the path that's right for you based on your strengths, interests, and personality.Explore over 1,000 careers and degrees. Learn who thrives in them and why.Be your best self at work. Learn what makes you unique and how well-suited you are to your past, current, and future career choices.Unsure about what to do after college? See the range of careers you can pursue with your interests, personality, and education.Looking to make a career change? Thinking about going back to school? CareerExplorer will point you in the right direction.Discover your true potential and all of the options you have after high school. Then see which path is right for you.Our questions and algorithms are unique to us and are built on decades of study in vocational testing.The world of work changes in real time and so do our analytics. Our algorithms continuously improve with millions of daily data points to give you real-time accuracy.We firmly believe that you own your data, not us. We never sell your personal data to third parties.What sets you apart in the workplace? Discover the behavioral traits that shape how you think and how you work with others.What an amazing tool to help you understand yourself and get an idea of potential jobs that you're suited for! AshleyI like how in-depth it was. Not just, "what are you interested in?" but how your personality and personal preferences play into a career fit. LeahWe have been using CareerExplorer with our college students for years. Students express how much they learn from this assessment, both about their interests and themselves. 5 stars! SuzanneReally cool. I can see my characteristics and all the jobs that I can obtain. I'm currently a student and I've always wondered what I would be good at. Now I can see options right in front of me. JCThis is a great tool! It is extremely accurate as well. I want to go to law school and get into politics to change the laws/policy in the U.S. regarding homelessness. I am finishing my Human Services Associate of Arts degree in January and plan on becoming a Homeless Advocate. Like I said, great test. Couldn't be any more accurate! Sabrena The first step to choosing a career is to make sure you are actually willing to commit to pursuing the career. You dont want to waste your time doing something you dont want to do. If youre new here, you should read about: What do neuroscientists do? Still unsure if becoming a neuroscientist is the right career path? Take the free CareerExplorer career test to find out if this career is right for you. Perhaps you are well-suited to become a neuroscientist or another similar career! Described by our users as being shockingly accurate, you might discover careers you havent thought of before. Becoming a neuroscientist involves a combination of education, research experience, and specialization. Here is a guide on how to pursue a career as a neuroscientist:Bachelor's Degree: Start by earning a bachelor's degree in a relevant field, such as neuroscience, biology, psychology, or a closely related discipline. Ensure that the coursework includes foundational subjects in biology, chemistry, physics, and mathematics. Seek opportunities for undergraduate research in neuroscience laboratories. This hands-on experience is valuable for developing research skills and gaining exposure to various neuroscientific techniques.Graduate Education (Master's or Ph.D.): Most neuroscientists hold advanced degrees (master's or Ph.D.) to conduct independent research. Choose a graduate program with a strong neuroscience focus and research opportunities. Ph.D. programs typically involve original research, while master's programs may offer more coursework.Specialization and Focus: Determine your specific area of interest within neuroscience. Specializations can include cognitive neuroscience, molecular neuroscience, computational neuroscience, neuroimaging, or neurobiology. Tailor your coursework and research to align with your chosen specialization.Doctoral Research: If pursuing a Ph.D., engage in original research under the guidance of a mentor or advisor. Contribute to publications, attend conferences, and present your research findings to the scientific community.Attend Conferences and Workshops: Attend neuroscience conferences, workshops, and seminars. Networking with professionals in the field provides valuable insights, potential collaborations, and opportunities for further research or employment.Obtain Postdoctoral Experience (Optional): Some neuroscientists choose to pursue postdoctoral positions to further specialize and gain additional research experience. Postdocs can enhance your research portfolio and increase competitiveness for academic or industry positions.Stay Updated: Stay informed about the latest advancements in neuroscience through reading scientific literature, attending conferences, and participating in online courses or workshops.Seek Employment: Pursue employment opportunities in academia, industry, or government research institutions. Academic positions often involve a combination of research, teaching, and mentorship.Publications and Research Contributions: Continue contributing to the field through publications, research projects, and potentially securing research grants. Actively participate in the scientific community.Obtain Tenure (For Academic Positions): If in academia, work towards obtaining tenure, which typically involves demonstrating excellence in research, teaching, and service.Helpful ResourcesNeuroscientists can benefit from a variety of resources to stay updated on research, connect with the scientific community, and access valuable information. Here are some helpful resources for neuroscientists:Society for Neuroscience (SfN): SfN is a leading professional organization for neuroscientists, offering resources, publications, and opportunities for networking. They organize an annual conference, providing a platform for knowledge exchange and collaboration.National Institute of Neurological Disorders and Stroke (NINDS): As part of the NIH, NINDS offers research funding, training opportunities, and resources for neuroscientists. Their website provides information on grants, events, and research initiatives.Neuroscience Information Framework (NIF): NIF is an online portal that aggregates and integrates neuroscience information and resources. It provides access to databases, tools, and research materials to support neuroscientists in their work.PubMed and PubMed Central: These platforms by the National Library of Medicine offer access to a vast collection of biomedical literature. Neuroscientists can use these databases to find and stay updated on research articles.Allen Institute for Brain Science: The Allen Institute conducts cutting-edge neuroscience research and provides open-access data, tools, and resources for the global scientific community. The Allen Brain Atlas is a valuable resource for understanding brain structure and gene expression.NeuroJobs Career Center: NeuroJobs, provided by the Society for Neuroscience, is a platform for job seekers and employers in the field of neuroscience. It lists academic, industry, and government job opportunities.Journals and Publications: Explore neuroscience journals such as "Nature Neuroscience," "Neuron," and "The Journal of Neuroscience" for the latest research articles. Many journals offer online access to their content.Brain Initiative (NIH BRAIN Initiative): The BRAIN Initiative aims to revolutionize our understanding of the brain. The website provides information on research funding, events, and resources related to brain research.International Brain Research Organization (IBRO): IBRO supports neuroscience research globally, offering grants, fellowships, and organizing events to facilitate international collaboration. Skip to main content This website does not fully support Internet Explorer. For a better experience, please consider using a modern browser such as Chrome, Firefox, or Edge. Neuroscientists are professional scientists who study the human brain and nervous system. They advance the field of knowledge in areas like dementia, stroke recovery, mental health, human behaviour and performance.As a neuroscientist you could be collaborating with a group of doctors to devise a series of drug tests for willing patients, using advanced imaging technology to observe and record physical changes in the spinal cord, editing a research paper that unpacks an innovation in the treatment of Alzheimer's disease, expanding a database to record drug test results, using computer modelling to replicate neural pathways, evaluating the side-effects of a new drug for depression, or participating in a public health focus group.To succeed in this occupation you will need to be an innovative and critical thinker with the ability to clearly document and explain your research and findings. Average yearly income $78,104 Skip to main content This website does not fully support Internet Explorer. For a better experience, please consider using a modern browser such as Chrome, Firefox, or Edge. Reimagine how we develop new treatments and drive technological advances that shape our worlds future. Study neuroscience to deepen your understanding of how the human brain and nervous system function.Examine the complexities of the brain and nervous system to explore how neural systems develop, process sensory information, control our movement, form memories, react to stress, respond to disease and store vital information about the world around us.Combine your minor in neuroscience with courses across anatomy, physiology, pharmacology, molecular biology and cellular biology to prepare yourself for further study in the field of medicine, or to continue into a research-based honours degree in science or biomedical science.You may choose to apply your neuroscience knowledge to help power artificial intelligence by studying courses across mathematics, statistics, computer science or physics.Studying neuroscience will equip you to enter the workforce in fields as diverse as business, biotechnology, health, science or the pharmaceutical industry. Neuroscience is the study of the nervous system, which is one of the last great frontiers of knowledge. Neuroscience research spans from molecules, cells and pathways, all the way up to complex human behaviour. Neuroscience integrates physics, chemistry and biology, with studies of anatomy, physiology and behaviour, including human emotional and cognitive functions.Neuroscience has two primary goals:to understand and explain the physical basis of behaviour and consciousnessto understand and treat diseases of the nervous system such as schizophrenia and Alzheimers diseaseNeurological and mental disorders are amongst the biggest contributors to the burden of disease in Australia. Improved treatments and cures are of critical importance.Career opportunities in neuroscienceYou could pursue a career as a neuroscientist, medical technician or science communicator.Neuroscientific research may focus on:understanding the human brain and how it regulates the body and behaviour, including giving rise to consciousnessfinding ways to prevent or cure neurological and psychiatric disordersNeuroscientists use tools such as:antibodies and gene probes to identify proteins responsible for brain functionfluorescent dyes to mark neurons and synapses with specific characteristicsmicroelectrode arrays to study the activity of living neurons in real-timebehavioural methods to study the processes underlying behaviour in humans and in animalscomputational models of neurons and their connections in the brainOur programs Share copy and redistribute the material in any medium or format for any purpose, even commercially. Adapt remix, transform, and build upon the material for any purpose, even commercially. The licensor cannot revoke these freedoms as long as you follow the license terms. Attribution You must give appropriate credit , provide a link to the license, and indicate if changes were made . You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use. ShareAlike If you remix, transform, or build upon the material, you must distribute your contributions under the same license as the original. No additional restrictions You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits. You do not have to comply with the license for elements of the material in the public domain or where your use is permitted by an applicable exception or limitation . No warranties are given. The license may not give you all of the permissions necessary for your intended use. 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