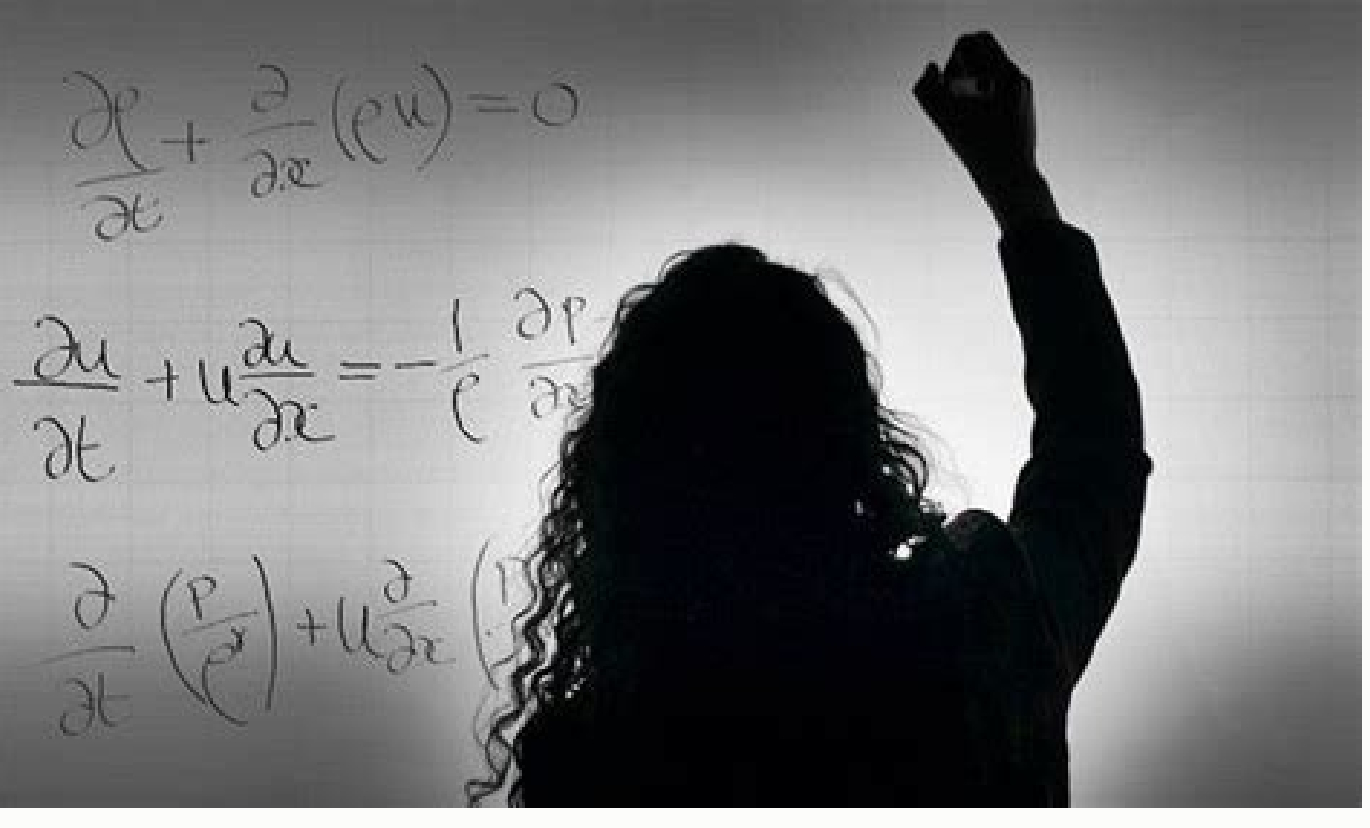
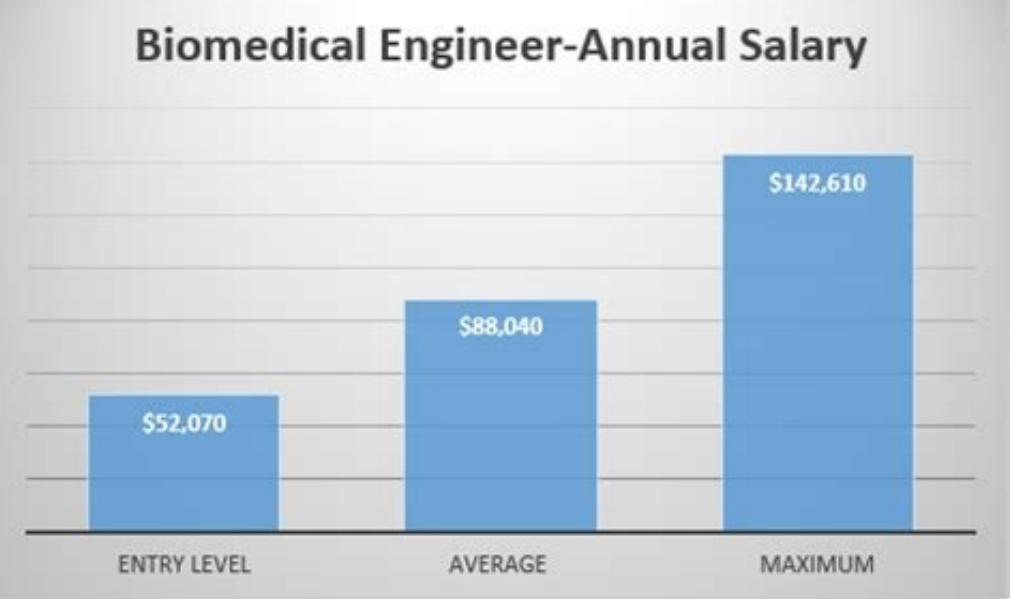
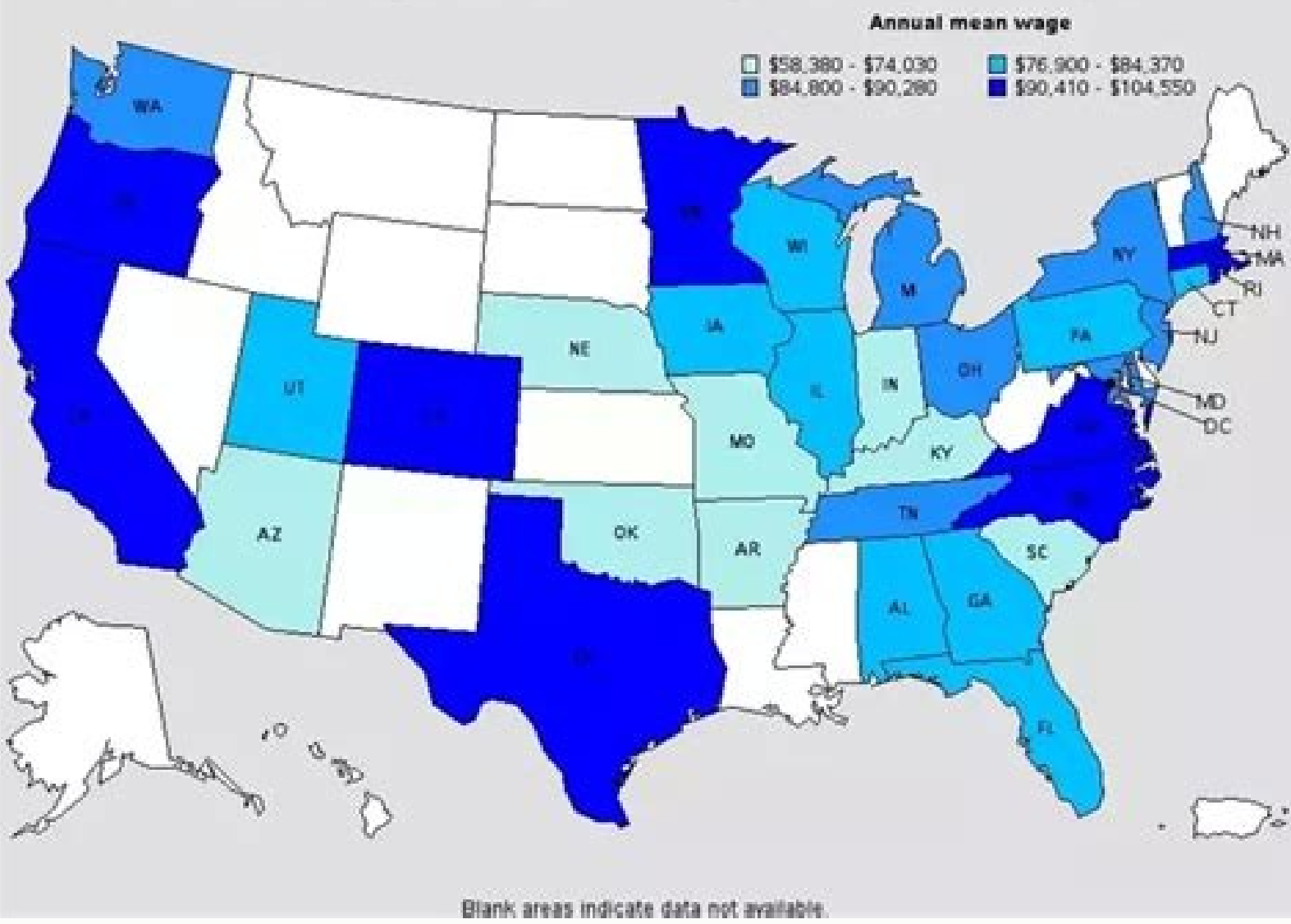


I'm not robot!



Annual mean wage of biomedical engineers, by state, May 2012



Police and highway patrol officers enforce driving and parking laws, pulling drivers over, and issuing fines and parking tickets when warranted. Patrol officers also work to keep the peace and prevent or stop violent crime, tracking down and apprehending perpetrators when necessary. Formal training for police and highway patrol officers is usually conducted at police academies. The average pay for police and highway patrol officers varies by geographical area and employment situation. As of 2011, police and highway patrol officers earned an average of \$27.05 an hour and \$56,260 a year. Half of all police and highway patrol officers made between \$19.77 and \$33.65 an hour and between \$41,110 and \$69,990 a year, according to the Bureau of Labor Statistics. Approximately 636,410 police and patrol officers were employed in the United States as of May 2011. The average salary for local police officers was \$56,160 a year as of 2011. Police officers employed by the federal government earned less, averaging \$51,690 a year. State police and highway patrol officers reported the highest earnings, with an average of \$60,650 a year. Police and highway patrol officers working in the Northeast and West earned higher average rates of pay than their counterparts in other regions of the country as of 2011. New Jersey ranked first in police officer pay, providing an average salary of \$81,970 a year. California ranked second with an average annual pay of \$78,790. The South was the lowest-paying region for this occupation, and the very lowest-paying state was Mississippi, where police officers averaged \$31,060 a year. The Bureau of Labor Statistics projects an employment growth rate of 7 percent for police and highway patrol officers between 2010 and 2020. This is a relatively slow rate of growth, and half the 14 percent average rate of growth expected for the American economy during the same period. Most job openings are expected to occur in local police departments because they pay relatively low wages and experience high rates of turnover. Competition for higher-paying state jobs is expected to be very strong. How common is it for an employer to pro-rate a salary increase if you joined in middle of the year? For context, annual raises are given out in July each year. I joined in January. Normally, I would be getting an 8% raise, but because I came in at about the half year mark, they giving me ~4%. My jaw about just dropped when big boss said this. I mean, inflation doesn't pro-rate. Thoughts on this? 1410 Comments Physiotherapy assistants, also called physical therapy assistants and physical therapist assistants, are trained to provide support to physical therapists. They work under the direction of a physical therapist to help patients recover from injuries, regain movement and manage pain. Physiotherapy assistants are usually required to have an associate's degree. Most work in physical therapy offices or hospitals. Their specific job duties might vary in accordance with state laws, but usually include teaching patients to walk with assistive devices, helping patients exercise, or performing treatments such as heat or cold therapy. The average annual wage for physiotherapy assistants in the U.S. was \$51,110 as of May 2010, according to the Bureau of Labor Statistics. Annual income ranged from \$32,030 or less for the lowest 10 percent of earners to \$71,200 or more for the highest 10 percent. The median salary was \$51,040 a year. The offices of other health practitioners employed the most physiotherapy assistants as of May 2011, according to the BLS. The average pay here was \$49,430 a year. General medical and surgical hospitals employed the next highest number of physiotherapy assistants and paid an average annual wage of \$48,800. Physiotherapy assistants who worked in management, scientific and technical consulting services had the highest annual wage at an average of \$75,680. Among the states, physiotherapy assistant salaries were highest in Texas, New Jersey, California, Connecticut and Florida, according to the BLS. The average annual wage in Texas was \$66,170 as of May 2011. Physiotherapy assistants in New Jersey averaged \$57,330 a year, those in California averaged \$57,270, those in Connecticut averaged \$57,260 and those in Florida averaged \$56,740. Physiotherapy assistants in South Dakota earned the least of all the states, at an average annual wage of \$33,440. The BLS expects the number of jobs for physiotherapy assistants to grow a whopping 46 percent from 2010 to 2020. That's more than triple the expected growth rate for all occupations. The growing elderly population is driving demand for physical therapy services. Aging baby boomers baby boomers are approaching the prime age for heart attacks and strokes, which will increase the need for physical rehabilitation. Biomedical Informatics is a growing field that optimizes the use of information in health care. Employment opportunities can be found in pharmacies, hospitals, insurance companies, technology startups, medical research labs, and more. The training required will depend upon an individual's education and experiential background. Post-baccalaureate certificates and master's degrees are most common. PhD's and professional doctoral degrees are for researchers and executives. SBMI offers graduate programs that meet your needs when launching your career in Informatics. PROGRAM FALL SPRING SUMMER Certificate July 1 November 1 March 1 Master's July 1 November 1 March 1 PhD Dec 1 July 1 N/A DHI March 1 Only one DHI cohort will be admitted annually. We also offer a Dual Degree Programs in Public Health Informatics and a Dual Degree Program MD/MS in Biomedical Informatics. One of the best things any prospective student can do is to research before choosing any major. The best option is one with a multidisciplinary focus. Health informatics is a multidisciplinary profession in one of the most stable fields in the United States. It is a great option for students looking for an in-demand career. Since the financial crisis of 2008, occupations with growing demand have been few and far between. One category of jobs that has seen significant growth in advertised positions is the field of healthcare informatics. As with most scientific fields, biomedical informatics researchers usually need a doctoral degree in order to conduct independent research. Biomedical informatics research professionals may find job opportunities working in private sector research or education. Those desiring to work in the healthcare industry supporting clinical care or developing technology generally need a master's or professional doctoral degree. Biomedical informatics professionals are in high demand due to their ability to analyze data, solve problems, and design solutions. Popular Careers Held By SBMI Alumni Erika Cavazos-Juarez, MS2016 MS Alumna Director of Quality Management Erika works at Laredo Medical Center, a private 326-bed acute care hospital in Laredo, TX. In her role as Director of Quality Management, she enforces compliance with government regulations and organizational policies. She also identifies and educates hospital leaders on current accreditation standards to promote compliance with regulatory requirements. Additionally, she provides oversight of the Primary Stroke Program and Chest Pain Center accreditations. Sahiti Myneni, PhD, MSE 2013 PhD Alumna Associate Professor Dr. Myneni joined her alma mater in early 2014 as an assistant professor and she was promoted to associate professor in September of 2019. In her role, she conducts research on development and evaluation of mobile and connected health technologies to improve patient engagement and optimize self-management of health. Additionally, she teaches and advises SBMI students. Nnaemeka Okafor, MD, MS 2011 MS Alumna Vice President, Chief Analytics and Informatics Officer Dr. Okafor works for Memorial Hermann Health System and is responsible for enterprise informatics and the expansion and utilization of virtual health and business intelligence, analytics, and data science for the health system. His role also requires that he develop informatics resources and serve as a trusted problem-solving liaison for clinicians, health system executives, Information Technology (IT) staff, and vendors. Zhiguo (Stanley) Yu, PhD 2017 PhD Alumna Data Scientist at Microsoft AI and Research Stanley works for Microsoft Cortana. He serves as the overall science lead in Cortana Data, Metrics and Measurement Platform team. He is also leading a data analysis team that focuses on language understanding model development and improvement. His research interests are to detect and understand the ambiguity behind human language. Percentage of Alumni Graduates Average Earnings 1st year - \$77,133 5th year - \$94,231 10th year - \$118,034 Median Student Loan Amount: \$24,739 Master's in Biomedical Informatics Average Earnings 1st year - \$99,420 5th year - \$151,064 Median Student Loan Amount: \$31,535 PhD in Biomedical Informatics How long did it take to secure your health informatics position? Minimum Salary - Maximum Salary Source: Indeed.com - Medical Informatics Salaries Average Job Earnings Comparison for Different UT Graduate Degree Types - PhD Graduate Degree Minimum Salary - Maximum Salary Source: Discover Data @UTSEER - Masters Degree and PhD Degree - Average Salary Minimum Salary Maximum Salary \$71,358 \$51,000 \$91,717 \$71,846 \$58,580 \$85,113 \$74,038 \$54,938 \$99,702 \$77,856 \$56,010 \$99,702 \$90,342 \$52,941 \$127,743 Sources: Payscale.com - Informatics Salary and Health Informatics Salary Please note: Salary information comes from 25,770 data points collected directly from employees, users, and past and present job advertisements on Indeed in the past 36 months. All salary figures are approximations based upon third party submissions to Payscale and Indeed. These figures are given to the Payscale and Indeed users for the purpose of generalized comparison only. Minimum wage may differ by jurisdiction and you should consult the employer for actual salary figures. Number of Persons Reported for Each Position - Average Salary Source: GlassDoor.com and Indeed.com Medical Informatics Salaries Updated: 01/2022 Degree Required Field of Study Median Salary (2016) Median Salary (2019) Masters Information Sciences, Biomedical Informatics \$60,734* \$62,004* Masters Biomedical Informatics \$72,175* \$87,658* Bachelors, Masters of Nursing Preferred Nursing, Biomedical Informatics \$124,616* \$128,317* Doctor of Medicine Biomedical Informatics \$276,748* \$293,939* Doctorate Biomedical Informatics \$80,103* \$83,447* Certification Project Management \$110,277 Source: *Biomedical Informatics: Salary and Career Facts and Salary for Certification: Project Management Professional (PMP) Updated: 01/2022 Informatics nurses are responsible for bridging the gap between clinicians and IT. As an informatics nurse, you will evaluate a health care facility to determine what clinical IT applications will help increase efficiency. You could be responsible for training the staff on new systems and ensuring everyone is up to date on the latest technology. Informatics nurses also facilitate communication between IT, vendors, and the staff regarding clinical IT applications. In order to become an informatics nurse, you will need at least a bachelor's degree in nursing, but some roles might require a master's degree. There is also a certification for informatics nurses from the American Nurses Credentialing Center that, while not required, may help you get a job in health care informatics. Health Informatics Specialist Health Informatics specialists have a similar role to that of an informatics nurse in a health care setting. You may be responsible for training staff and creating educational documents for systems and procedures, but you will also be responsible for troubleshooting and assisting staff when problems arise. As a health informatics specialist, you will also need to be up to date on the latest compliance and regulatory standards. Education requirements for a health informatics specialist can range depending on the position. Some require a bachelor's and experience with technology, while others may require a master's in biomedical informatics, health informatics, computer science or a related field. Clinical Informatics Specialist Clinical informatics specialists work with the systems used to digitize patient records. As a clinical informatics specialist, you will be responsible for creating processes and improving procedures as well as documenting them for the staff. You will also oversee the transition of any paper documents to digital systems, and oversee the process. Education requirements for a clinical informatics specialist can range depending on the position. Some require a bachelor's and experience with technology, while others may require a master's in biomedical informatics, health informatics, computer science or a related field. Clinical data analysts are responsible for closely evaluating data to help improve workflow and a health care facility's overall clinical information systems. As a clinical data analyst, a main task may include creating the database systems for a healthcare facility. Since health IT can require handling sensitive data, as a clinical data analyst, you will be responsible for striking a balance between efficiency and federal regulatory standards. To become a clinical data analyst, you will need a bachelor's degree in life science or social science, or a related discipline, with a master's degree preferred. You will also want to ensure you have a solid background in technology, especially with database and general IT knowledge. Experience working in the health care industry will help your chances of employment. Clinical Informatics Manager and Director Clinical informatics managers are responsible for overseeing the daily operations of the clinical information systems at a health care facility. As a clinical informatics manager, you will manage and train staff, monitor budgets, direct staff, and ensure all systems are in compliance with state, federal, and professional regulatory standards. In order to become a clinical informatics manager, you will first need to work in informatics at a lower level. Once you have gained relevant experience, you will be able to move up to clinical informatics manager. Source: Monster.com - Health Informatics Basic Skills Advanced Skills Needs Assessment/Requirement Gathering The practice of collecting the requirements of a system from users, customers and stakeholders. Technical Proficiencies (Computational Skills) Approaching problems using programmatic thinking techniques such as iteration, symbolic representation, and logical operations. Project Management is to schedule, organize projects, and/or the work of others, time management skills and prioritize certain tasks. Communication Reading, writing, speaking, and listening are necessary communication skills. Leadership Make strategic and tactical decisions in line with an organization's mission and goals; properly allocate resources to achieve the goals. Valuable leadership skills include the ability to delegate, inspire coworkers and communicate effectively. Management of Information Systems Implementation, maintenance and optimization of health information and other technical systems. Data Analysis and Visualization (Analytical & Problem Solving Skills) Includes skills such as ordering, comparing, contrasting, evaluating and selecting; as well as preparing visual presentations of data. Computer Programming (Quantitative Skills) Involve the ability to handle data and use numerical evidence systematically. Data Modeling, Security and Communication How data is connected to each other and how they are processed and stored inside a secured system. Machine Learning and Artificial Intelligence Subset of artificial intelligence in the field of computer science that often uses statistical techniques to give computers the ability to "learn" with data, without being explicitly programmed. Top Skills Cited in Job Listings Health Informatics Job Postings in the USA - Nationwide Healthcare Informatics jobs now constitute the eighth largest share of health care occupation postings. This career niche is likely to continue to grow, given the trends and demands shaping the our health care industry. Sources: ZipRecruiter.com - GovernmentJobs.com - Indeed.com - SimplyHired.com - Updated: 01/2022 Popular Companies to Work for in 2022 Source: Glassdoor.com Updated: 05/2022

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