



Medical Writing Workforce Data Study October 2020

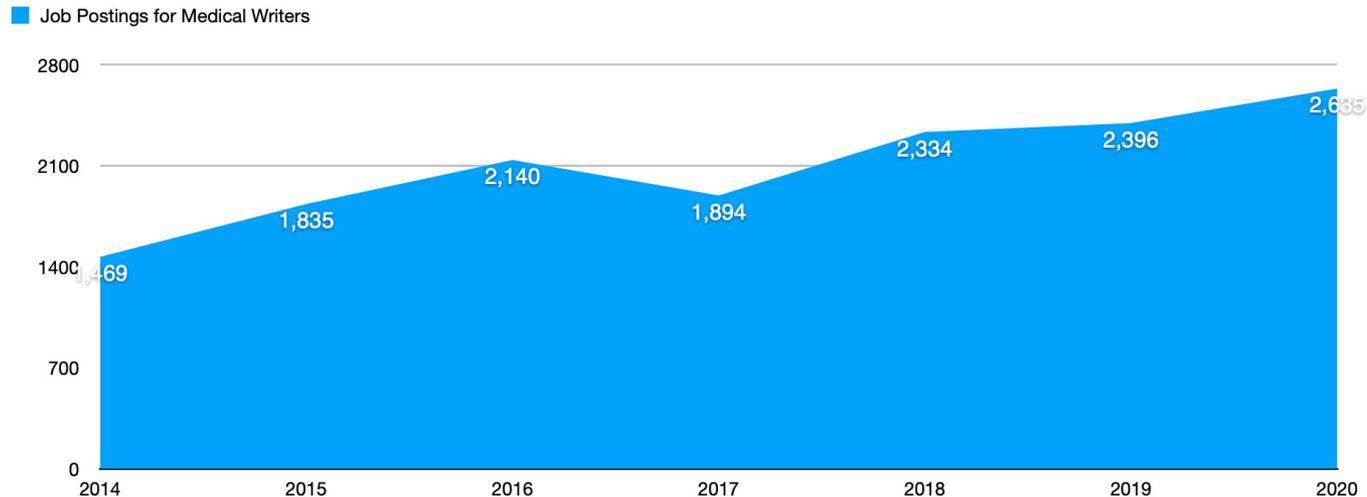
Department of Healthcare Research & Policy
UC San Diego Extension

Workforce Data & Job Insights:

Medical Writing & Communications

Increase in Jobs Demand

The number of job postings requesting Medical Writer or Medical Communications knowledge has been increasing in the last several years.

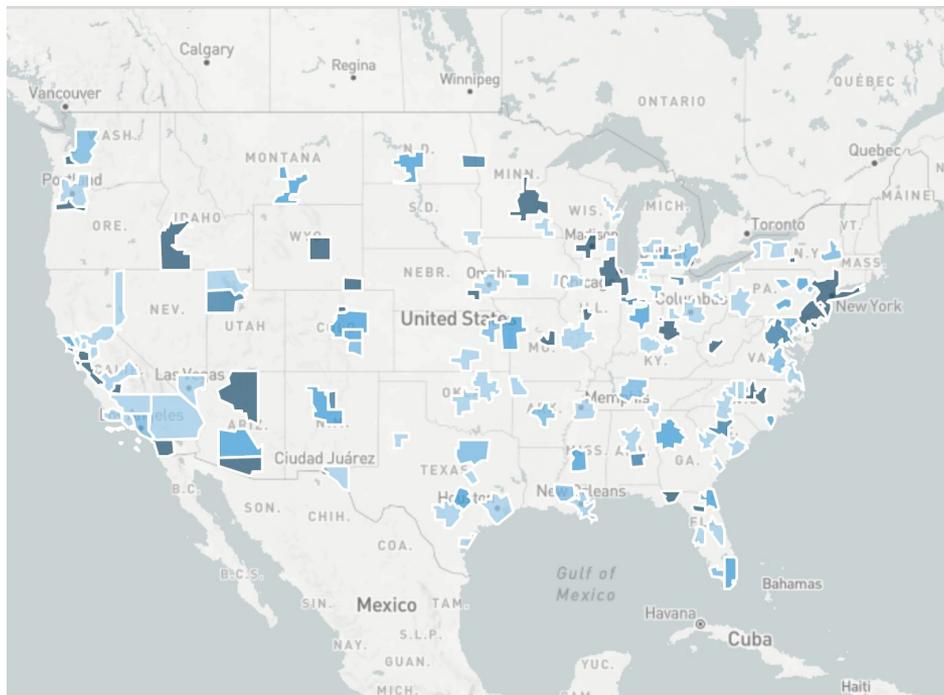


*2020 includes year-to-date data until October 6, 2020

* 2020 includes year-to-date data (January 1, 2020 to October 6, 2020)

Top Hiring Metropolitan Statistical Areas

(During the last 3 months)

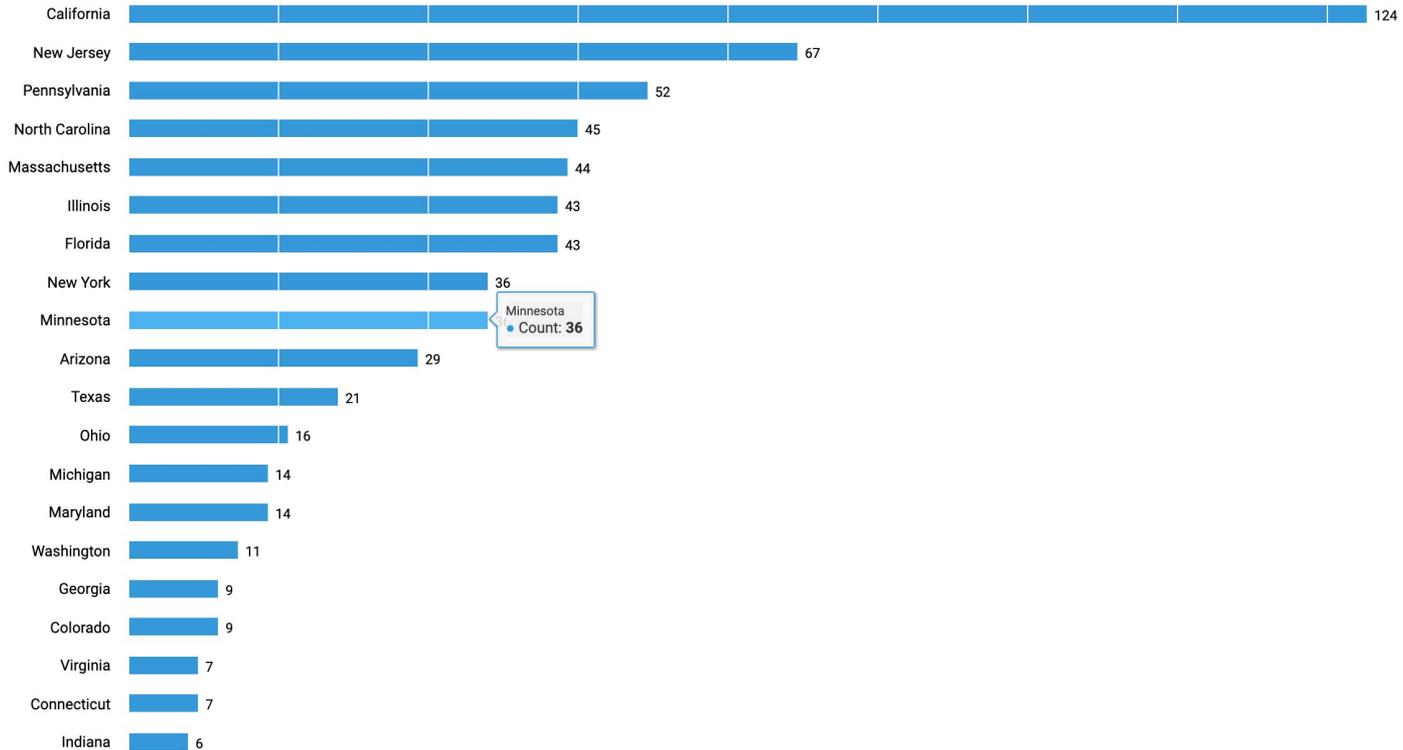


TOP 15 HIRING REGIONS

| Metro Area | Job Postings |
|--|--------------|
| New York-Newark-Jersey City, NY-NJ-PA (Metropolitan Statistical Area) | 399 |
| Boston-Cambridge-Nashua, MA-NH (Metropolitan NECTA) | 324 |
| Philadelphia-Camden-Wilmington, PA-NJ-DE-MD (Metropolitan Statistical Area) | 281 |
| San Francisco-Oakland-Hayward, CA (Metropolitan Statistical Area) | 214 |
| Chicago-Naperville-Elgin, IL-IN-WI (Metropolitan Statistical Area) | 176 |
| San Diego-Carlsbad, CA (Metropolitan Statistical Area) | 93 |
| Washington-Arlington-Alexandria, DC-VA-MD-WV (Metropolitan Statistical Area) | 93 |
| Los Angeles-Long Beach-Anaheim, CA (Metropolitan Statistical Area) | 90 |
| Trenton, NJ (Metropolitan Statistical Area) | 87 |
| Raleigh, NC (Metropolitan Statistical Area) | 84 |
| Durham-Chapel Hill, NC (Metropolitan Statistical Area) | 81 |
| Minneapolis-St. Paul-Bloomington, MN-WI (Metropolitan Statistical Area) | 80 |
| Atlanta-Sandy Springs-Roswell, GA (Metropolitan Statistical Area) | 64 |
| Dallas-Fort Worth-Arlington, TX (Metropolitan Statistical Area) | 57 |
| San Jose-Sunnyvale-Santa Clara, CA (Metropolitan Statistical Area) | 56 |

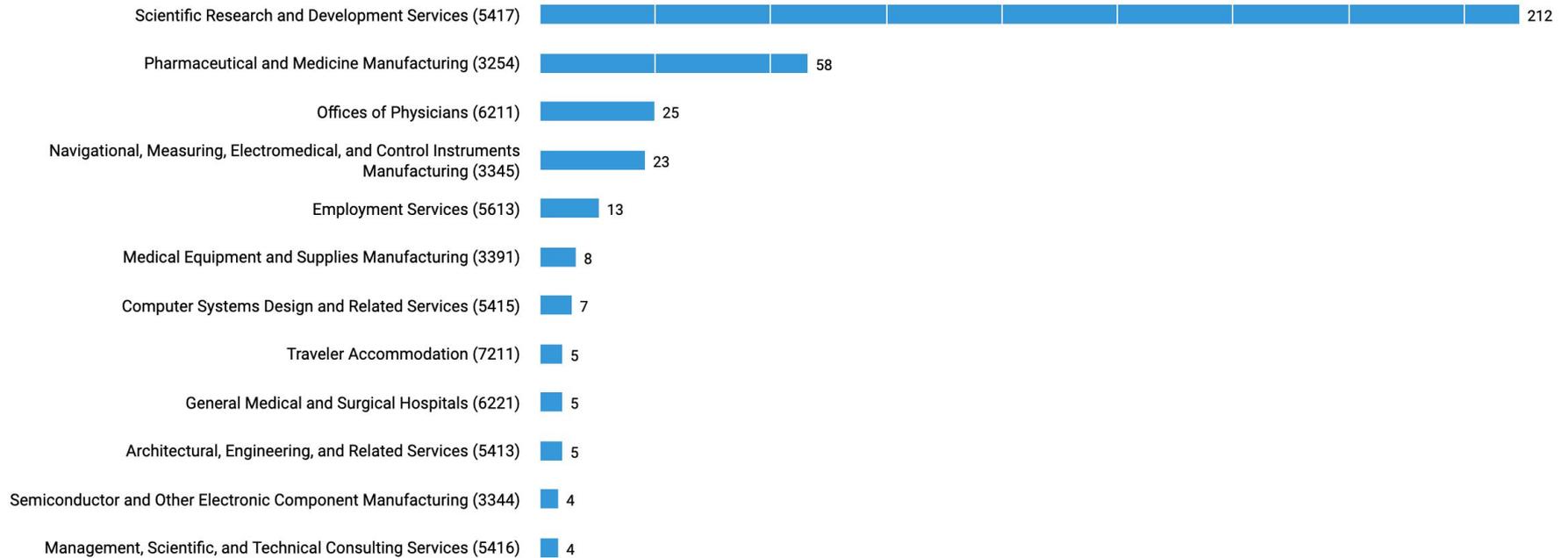
Top Hiring States

(During the last 3 months)



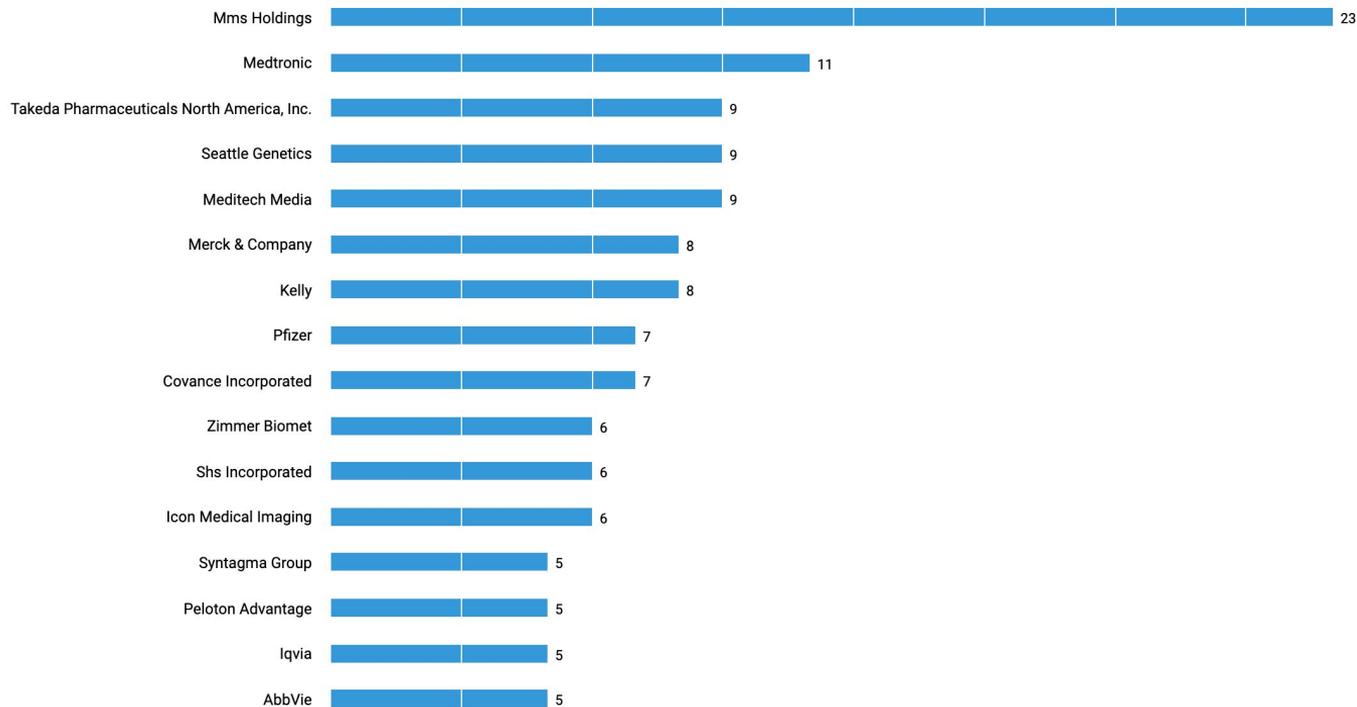
Top Industries

(During the last 3 months)



Top Employers Nationwide

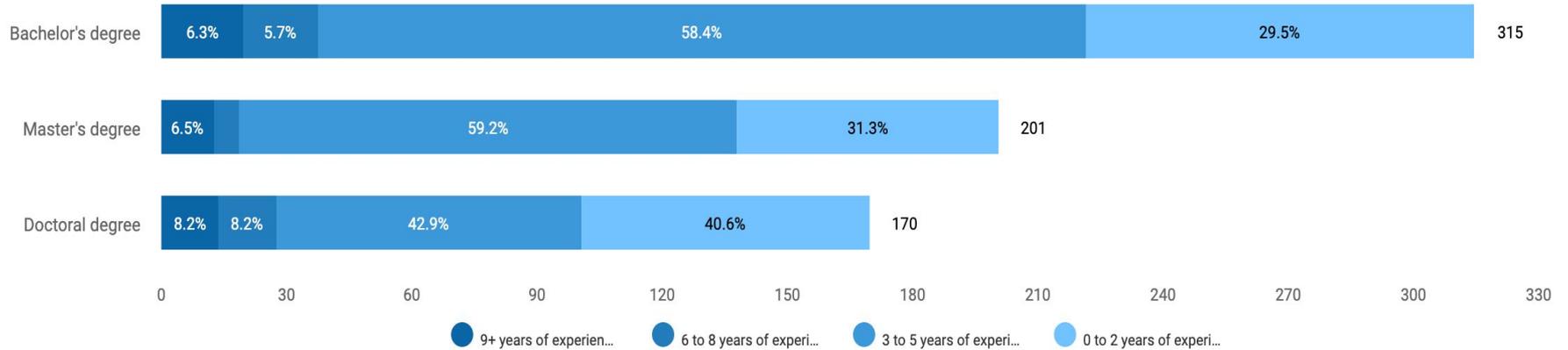
(During the last 3 months)



Experience by Education

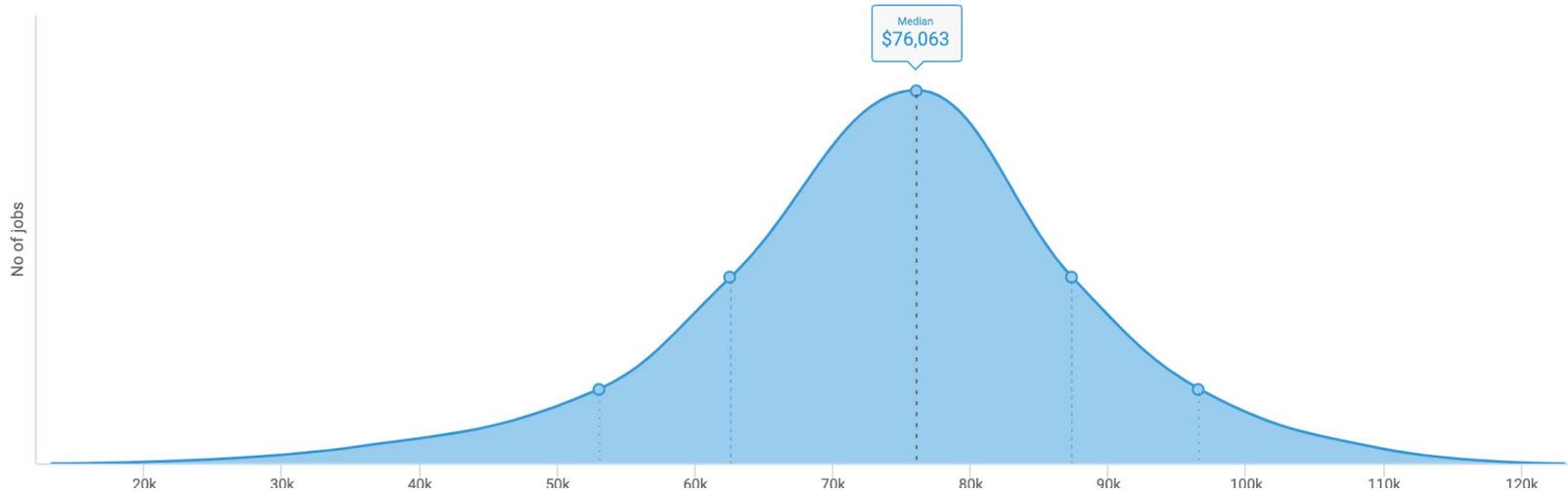
(During the last 3 months)

Preferred and minimum/required education levels listed in job postings.



Median Salary

(During the last 3 months)

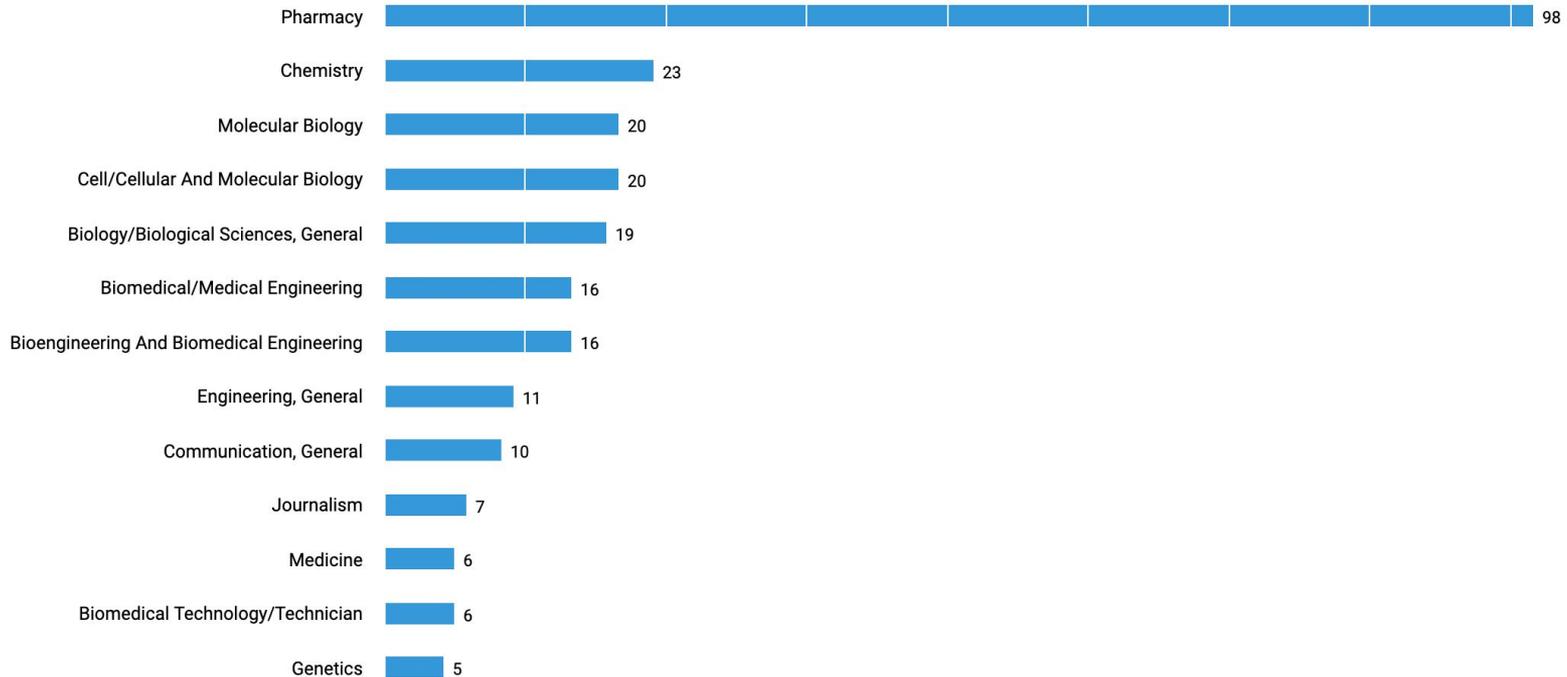


How is it calculated?

Market Salary is calculated using a machine learning model built off of millions of job postings every year, and accounting for adjustments based on locations, industry, skills, experience, education requirements, among other variables.

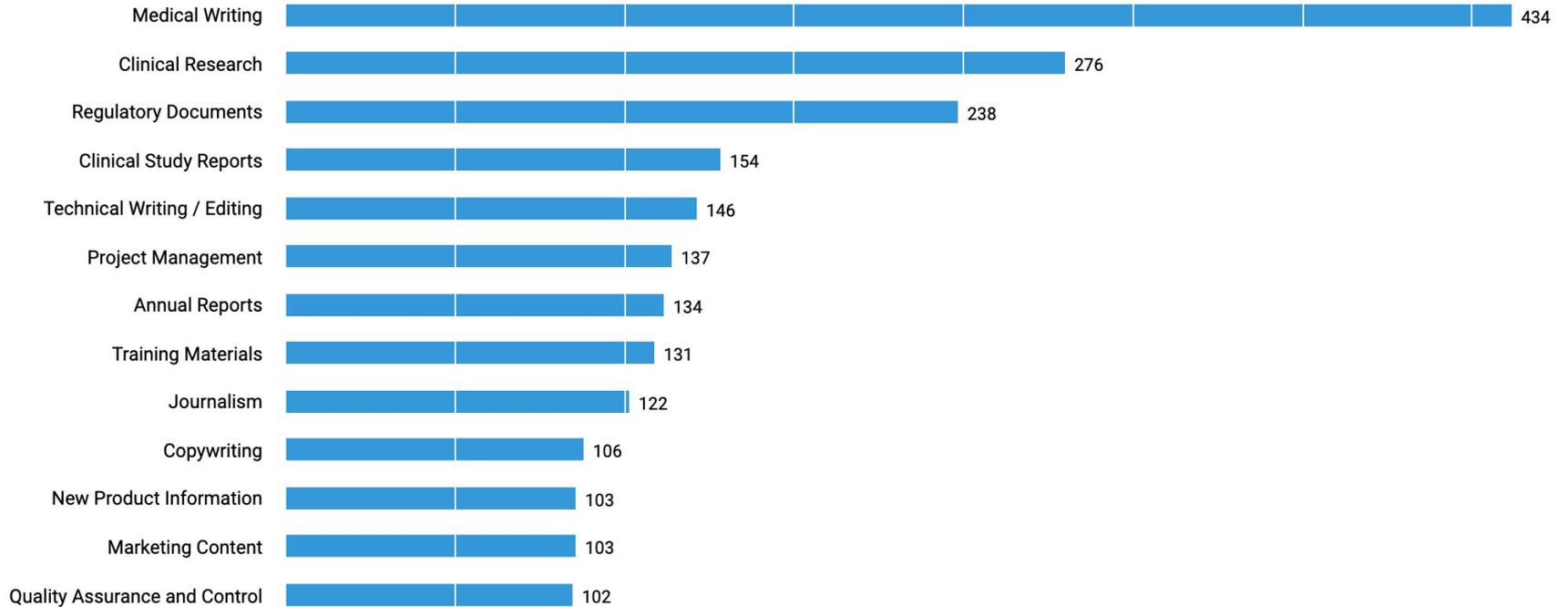
Programs of Study in Demand

(During the last 3 months)



Skill in Greatest Demand

(During the last 3 months)



UC San Diego Extension

Professional Certificate in Medical Writing Certificate Background

- Program is in the 7th year and is designed to provide graduates with the foundational knowledge and skills needed to work as a medical writer in the commercial sector, government agencies and/or academia.
- Certificate equips health, pharmacy, and life science professionals foundational skills to write specifically for scientific audiences.
- Gain skills to write for scientific audiences in peer-reviewed journals, regulatory documents, medical education materials and/or research grant proposals.

Certificate prepares students to secure well-paying positions as medical writers in four distinct Capstone specialty areas:

- Continuing Medical Education Materials (CME)
- Scientific Grants
- Regulatory Writing
- Journal Article and Publication Development

Postdocs, PhDs and PharmD's are particularly competitive for medical writing positions in the commercial sector and in a variety of academic settings.

Medical Writing Program Flow (23 Total Units)

Prerequisite (6.5-units) Courses can be waived for individuals whose work experience demonstrates foundational knowledge of these subjects

- FPM-40632 Medical Terminology: An Anatomy & Physiology Approach (1.5 Units)
- FPM-40233 CT: Practical Clinical Statistics for the Non-Statistician (2 Units)
- WCWP-40234 Grammar Lab (3 Units)

Required Courses (11-units)

- FPM-40654 Introduction to Medical Writing & Editing (1 Unit)
- FPM-40653 Spectrum of Medical Writing & Editing (3 Units)
- FPM-40652 Applied Medical Writing & Editing (3 Units)
- FPM-40608 Designing Figures, Tables, & Graphs (2 Units)
- FPM-40609 Ethics for Medical Writers (2 Units)

Students can choose to follow the traditional course schedule a track designed for working professionals,(18 months) or the Accelerated Course Schedule, the quickest possible track (12 months)

Medical Writing Program Electives and Capstone

Program Specific Elective Courses (8-units)

- FPM-40660 Citations and Reference Methods for Medical Writers (1 Unit)
- FPM-40658 Communicating RWE; Medical Writer Professional Development (2 Units)
- FPM-40659 Health Economics and Outcomes Research (HEOR) (3 Units)
- FPM-40188 CT: Medical Writing: Protocols, Reports, Summaries, and Submissions (2 Units)

Capstone Track Project (4-units)

- Continuing Medical Education Materials (CME)
- Scientific Grants
- Regulatory Writing
- Journal Article and Publication Development

Medical Writing Program Faculty

Our faculty are industry leaders in the Medical Writing field with extensive real-world experience.

Director:

- Tim K. Mackey, MAS, PhD - UCSD – Department of Anesthesiology & Division of Infectious Diseases and Global Public Health

Program Faculty:

- Lori Alexander, MTPW, ELS, MWC - American Medical Writers Association (AMWA)
- Tim Collinson BSc (Hons) CMPP - Fishawack Group of Companies
- Tom Drake, MA, CMPP Global Outcomes Group, Inc.
- Hope Lafferty, AM, ELS - Hope Lafferty Communications
- Florence Paillard, PhD - FocusBiocom
- Donna Simcoe, MS, MBA, CMPP - Simcoe Consultants, Inc.
- R. Michelle Sauer, PhD, ELS - RNAEditing, LLC, University of Texas Health Sciences Center
- Dikran Toroser, PhD, CMPP - Takeda Publications
- Caitlin Rothermel, MA, MPH MedLitera, Medical & Health Economics Writing
- Yeshi Mikyas, PhD - Pfizer



CONTINUING EDUCATION CURRICULUM

23 UNITS, 230 HOURS OF STUDY



TOP INDUSTRIES

- Scientific Research and Development Services
- Pharmaceutical and Medicine Manufacturing
- General Medical and Surgical Hospitals
- Medical Equipment and Supplies Manufacturing



SKILLS REQUESTED

- Medical Writing
- Clinical Study Reports
- Regulatory Documents
- Clinical Research



PROGRAM ALUMNI 2016 -2020

38 PROGRAM COMPLETIONS



STUDENT CHARACTERISTICS

- Terminal or graduate degrees in biomedical or life sciences, biology, pharmacy, nursing, medicine or public health. 35% PhD, 25% MD, 30% MS, 6% PharmD, 4% MPH



JOB PLACEMENT

- 75% of alumni entered into or advanced in their current Medical Writing role
- Median Salary: \$76,063 (last 3 months)
- Connection with professional associations AMWA, ISMPP, TIPPA, DIA

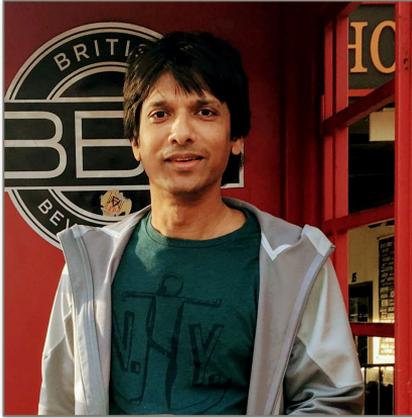
Professional Certificate Program in Medical Writing | Student Testimonials



Haifa Kassis, MD
President & Principal Medical
Writer, Crisp Writing, LLC
President, New England
Chapter of the American
Medical Writers Association

"I liked that the UCSD Medical Writing program is specifically designed for someone like me: a physician or scientist who wants to transition into medical writing and would like to specialize in writing for professional audiences. The courses were rigorous and far above my expectations. The program gave me the opportunity to gain hands-on experience in developing documents as it would be expected of a medical writer. After completing the program, I felt confident to start my freelance medical writing business, specializing in medical education materials and scientific publications. The program played a significant role in the success of my transition into the field of medical writing and provided me with invaluable knowledge, skills, and resources that I constantly use in my work."

Professional Certificate Program in Medical Writing | Student Testimonials



Tanvir Khan, PhD
Principal Medical Writer

“I recently completed the UCSD Medical Writing certification program, and feel I learned a lot from every class I took. Based on the skills I acquired, I was more confident in my job search than before. I recently relocated to South San Francisco, and I’m positive the knowledge and hands-on experience gained from the program will assist me in my new Medical Writing career. It was truly a great professional opportunity after my postdoctoral appointment to take these amazing classes. It was also beneficial the program is effective in allowing alumni to move immediately into Medical Writing roles.”

Thank You
For more information:

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extension.ucsd.edu