

Jasmine Moore

Cookeville, TN

Professional writer with eight years of experience in analytical research, project management, and technical writing. Trained a group of 60 grant reviewers and generated informational grant packets for applicants.

Seeking to use certified skills in science writing, academic research, and data analytics.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

Work Experience

Science Writer

Freelance/Self Employed-Remote

July 2023 to Present

Writing articles and blog posts related to health topics and medical procedures.

Educational Test Scorer

Data Recognition Corporation (DRC)-Remote

January 2024 to June 2024

Scoring standardized testing responses of K-12 students. Completed projects with Data Recognition Corporation and Strategic Measurement and Evaluation (SME), Inc.

Academic Content Editor

Study.com-Remote

December 2023 to February 2024

Proofread and edited informational content for study materials.

Tutor

Tutor.com-Remote

November 2023 to February 2024

Tutor for biology and general science topics.

Research Assistant

Purdue University-West Lafayette, IN

August 2016 to February 2023

Used molecular biology and data science techniques to study protein-protein interactions between Crimean-Congo Hemorrhagic Fever Virus and human cells.

Duties:

- Cloned viral genomic segments into bacteria and yeast. Confirmed successful cloning by Sanger Sequencing.

- Completed yeast two-hybrid assays using human cDNA libraries. Confirmed identity of interacting proteins via sequencing.
- Performed exploratory data analyses of gene enrichment terms and cellular pathways using bioinformatics databases. Generated visualizations and created hypothesis-driven experiments.
- Presented results in oral and poster presentations. Reported research findings at yearly committee meetings.
- Wrote and updated experimental protocols. Provided in-house editing and proofreading services.
- Managed research and grant management projects simultaneously.

Teaching Assistant

Purdue University-West Lafayette, IN
August 2019 to December 2022

- Assisted Medicinal Chemistry and Molecular Pharmacology professors in using ExamSoft, an assessment program designed to simplify the testing process and track student performance.
- Created exams using ExamSoft.
- Supervised computer-based tests and provided technological support.

Teaching Assistant

Purdue University-West Lafayette, IN
January 2019 to May 2019

Taught two laboratory courses in organic chemistry for pharmacy students.

- Set up materials for experiments.
- Gave presentations on instructions and notes on experiments.
- Supervised students and answered questions.
- Graded student assignments and exams.

Undergraduate Teaching Assistant (UTA)

Purdue University North Central-Westville, IN
August 2013 to July 2016

Assisted professors in microbiology and chemistry laboratory courses.

Undergraduate Tutor

Purdue University North Central-Westville, IN
August 2013 to May 2016

Tutored undergraduate students in various biology and chemistry topics.

Undergraduate Researcher

Purdue University North Central-Westville, IN
January 2015 to December 2015

- Conducted computational chemistry and microbiology projects.
- Research was funded through the university.
- Grants are listed in the "Awards" section.

Education

Bachelor of Science in Biology

Purdue University North Central - Westville, IN

August 2012 to May 2016

Skills

- Scientific research (8 years)
- Medical writing
- Microsoft Office (10+ years)
- Microsoft Word (10+ years)
- AP style
- Proofreading
- Data analysis skills
- Python (7 years)
- Molecular biology (6 years)
- Microbiology (8 years)
- Leadership (4 years)
- Communication skills
- Team management (3 years)
- Tutoring (5 years)
- Organizational skills
- Editing (7 years)
- Presentation skills
- Writing skills
- Laboratory Experience (8 years)
- Grant Writing (6 years)
- Computer skills (10+ years)
- Analysis skills
- Data science
- Google Docs
- Laboratory experience (8 years)
- Project management (3 years)
- Medical terminology (5 years)
- Data visualization (10+ years)
- SQL (2 years)
- Analytics
- Statistics (5 years)
- Word processing

- Experimental design
- Technical writing
- Microsoft Excel (10+ years)
- Microsoft Powerpoint (10+ years)
- Adobe InDesign
- Proposal writing
- Machine learning (7 years)
- R (2 years)
- Immunology (7 years)
- Adobe Illustrator (5 years)
- Adobe Photoshop (4 years)
- GraphPad Prism (4 years)
- APA Style
- A/B testing (3 years)
- Instructional design (5 years)
- Tableau (2 years)
- Data collection
- Clinical trials (3 years)
- Website management (4 years)
- Power BI
- Regression Analysis
- Git
- JMP (4 years)
- Editing
- Data entry

Languages

- English - Fluent

Links

<https://www.linkedin.com/in/jasminemoore1>

Awards

PGSG Professional Grant

April 2021

Issued by the Purdue Graduate School Government.

- Received \$670.00

- Used funds to purchase the American Medical Writers Association Essential Skills Certificate Program.

ASV Student Travel Award

April 2020

- Issued by the American Society for Virology.
- Received for research abstract submission to the ASV 2020 conference.
- The meeting was canceled due to the COVID-19 pandemic.

Fall 2015 Undergraduate Research Grant

September 2015

Issued by Purdue University North Central.

- Conducted scientific research in a microbiology lab.
- Funded project "Expression of Plant Innate Immune Effectors in Response to Enterohemorrhagic Escherichia coli."

2015 Summer Research Grant

May 2015

Issued by Purdue University North Central.

- Completed microbiology project on Enterohemorrhagic Escherichia coli (EHEC).
- Cloned the EspB protein into EHEC with pUC19 plasmid.
- Completed affinity purification of EspB with pull-down assays.
- Viewed and analyzed purified EspB via Western blots.
- Presented project findings in a poster presentation entitled, "The Characterization of Novel Binding Interactions of E. coli O157:H7 to Plant Cells."

AAAS/Science Award Program for Excellence in Science

August 2018

- Issued by the American Association for the Advancement of Science.
- Received full AAAS member benefits at no cost for one year.

Honors Research Assistantship

January 2015

Completed a computational chemistry project as a university honors student.

- Used Amber ff99SB to determine whether hydrogen bonding or the dispersion interactions dominate, and if the order of the amino acids makes a difference in a dipeptide
- Presented findings at the 2015 Butler Undergraduate Research Conference, entitled "The Effect of the Order of Amino Acids in a Small Peptide"

PGSG Team Chair Scholarship

August 2018

Received scholarship for work as a Purdue Graduate Student Government Leader.

- Grant Review and Allocation Committee Chair
- Received an annual scholarship for three years of volunteer work.

Certifications and Licenses

Essential Skills Certificate Program

October 2021 to Present

- Issued by the American Medical Writers Association.
- Established and honed proficiency in fundamental areas of medical communication, as highlighted by AMWA.
- Received grant to purchase certificate package (2021).

DS4A Honors Certificate

March 2021 to Present

Issued by Correlation One

Credential ID 29905472

- Used real data sets to learn analysis and visualization techniques. Skills covered included Python libraries, SQL, Tableau, Power BI, and hypothesis testing.
- Completed a full data analytics project in a small team.
- The project included a written report, functioning dashboard, visual summary, and presentation.
- Demonstrated dedication to assignments and graduated with honors.

ORAQ Regulatory Affairs Training Program

May 2020 to Present

Completed a six-week program that covered premarket regulatory guidelines and focused on drugs, biologics, and medical devices. The program covers the following topics:

- Medical device development
- FDA meetings and the applicability of FDA drug/device regulations to clinical studies
- The format, review, and maintenance of IND content
- IDE preparation, submissions, and maintenance

Principles of Clinical Pharmacology

August 2020 to Present

Issued by the National Institutes of Health

- Completed an online lecture series on the core principles of pharmacology.
- Series included lessons on pharmacokinetics, drug metabolism and transport, assessment of drug effects, drug discovery and development, and PGx.

Plain Language Online Training Certification

December 2019 to Present

Issued by the National Institutes of Health

- Online training about communicating complex topics in clear terms, free of jargon.

Manipulating Data with SQL

Present

- Populated, prepped, and managed data in relational tables using SQL. Learned to troubleshoot errors.

<https://coursera.org/share/404c18a5bc0bdb10a51f3f7755d1e831>

Machine Learning for Kyphosis Disease Classification

Present

- Used logistic regression and a random forest algorithm to evaluate the model's performance in Scikit-learn.
- Predicted whether patients developed kyphosis based on given features and diagnostic measurements.

<https://coursera.org/share/404c18a5bc0bdb10a51f3f7755d1e831>

COVID-19 Data Analysis Using Python

Present

- Analyzed data regarding the spread of COVID-19 in developed countries.

<https://coursera.org/share/4a2128b2560eba63648f41aa068fabf1>

Understanding Basic SQL Syntax

Present

- Learned to identify and use correct syntax when writing SQL retrieval queries.
- Gained experience with SQL syntax in displaying specific columns, filtering for specific rows, and determining the sequence of those columns and rows in query output.

<https://coursera.org/share/524cfc5ad56db01238048debf6cb4be7>

Analyze Survey Data with Tableau

Present

- Transformed market research data into meaningful insights using information visualization techniques.

<https://coursera.org/share/fa70ae8a9cc33cd22f69d5854881a7fe>

Create a Sales Dashboard using Power BI

Present

- Built an eye-catching dashboard for sales research.
- Visualized sales data with interactive maps and charts.

<https://coursera.org/share/9db7b2270c90ff51eadb134d89d38315>

Creating Business Value with Data and Looker

Present

- Specialized courses from Google Cloud Training to explore the Looker analytics platform.

Earned certificates in the following courses:

- Exploring Data Transformation with Google Cloud
- Analyzing and Visualizing Data in Looker
- Developing Data Models with LookML

<https://coursera.org/share/90ff7db089c8c337a784accf7a32873e>

Assessments

Scientific research skills — Proficient

June 2024

Formulating research questions and interpreting data

Full results: [Proficient](#)

Filing & organization — Proficient

April 2024

Arranging and managing information or materials using a set of rules

Full results: [Proficient](#)

Communication skills — Proficient

April 2024

Communicating clearly and concisely, and understanding others

Full results: [Proficient](#)

Spreadsheets with Microsoft Excel — Proficient

March 2024

Knowledge of various Microsoft Excel features, functions, and formulas

Full results: [Proficient](#)

Work style: Reliability — Proficient

April 2024

Tendency to be reliable, dependable, and accountable at work

Full results: [Proficient](#)

Management & leadership skills: Impact & influence — Proficient

April 2024

Choosing the most effective strategy to inspire and influence others to meet business objectives

Full results: [Proficient](#)

Working with MS Word documents — Proficient

March 2024

Knowledge of various Microsoft Word features, functions, and techniques

Full results: [Proficient](#)

Proofreading — Proficient

December 2023

Finding and correcting errors in written texts

Full results: [Proficient](#)

SQL skills — Proficient

April 2024

Knowledge of SQL programming concepts

Full results: [Proficient](#)

Analyzing data — Proficient

December 2023

Interpreting and producing graphs, identifying trends, and drawing justifiable conclusions from data

Full results: [Proficient](#)

Medical lab procedures — Proficient

June 2024

Understanding medical laboratory practices, and correctly handling samples and instruments

Full results: [Proficient](#)

Medical terminology — Proficient

April 2024

Understanding and using medical terminology

Full results: [Proficient](#)

Indeed Assessments provides skills tests that are not indicative of a license or certification, or continued development in any professional field.

Groups

Chair of the Grant Review and Allocation Committee

August 2018 to July 2021

Led a group of graduate students to review grants from peers and approved selections in a merit-based process. The committee reviewed applications for the following grant types:

- Travel for research conferences
- Professional development opportunities
- Childcare costs
- Graduate research organizations
- Academic symposiums

Oversaw monthly meetings to allocate grant funds and submitted status reports to the Purdue graduate student senate.

- Allocated \$145,500 in grant funding.

Managed grant information on the committee website.

Generated and disseminated instructional documents for each grant application.

Additional Information

Volunteering:

- Graduate Review and Allocation Committee (GRAC) Chair (2018-2021)
- GRAC Member (2017-2022)
- Science in Schools Volunteer (2016-2021)