

Allison R. Hollingsworth Deming

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Experienced Psychologist Focused on Data Science

SUMMARY

Accomplished psychologist with extensive experience teaching Psychology, General Studies, and Human Development at the college level and currently pursuing a master's degree in data science with a focus on Excel, R, R Studio, Shiny, SQL, and Python. Shows the capacity to employ advanced programming and research skills to enhance the effectiveness and quality of data extraction. Regarded as an admired author of numerous presentations, publications, and papers and recognized for significant contributions as a member of various committees and associations. Adept at building, improving, and generating reports, dashboards, and data insight tools. Proven ability to construct and fit statistical and machine learning models. Consistently supports the environment of innovation, collaboration, and teamwork. With a passion for data integrity, visualization, programming, and statistics eager to assume a business data analyst position and contribute to the company's overall growth.

SKILLS

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|-------------------------|---------------------------|--------------------------|
| • Data science | • R Programming | • Adaptability |
| • Analytical skills | • Mathematical skills | • Teamwork |
| • Statistics | • Social sciences | • Psychopharmacology |
| • Data Analytics | • Multivariate statistics | • Problem-solving skills |
| • Quantitative research | • Data visualization | • Learning & Memory |
| • Machine learning | • Qualitative research | • Public speaking |

EXPERIENCE

Tri-County Technical College
Pendleton, SC

12/16 – 05/21

Full-time Permanent Faculty/ Instructor – Comprehensive studies/ Psychology Adjunct Instructor

Taught psychology and performed other tasks as an active member of the college community including conducting research, performing diverse scholarly activities, and advising students on the appropriate courses. Kept accurate and detailed records of students' academic standing and assisted in the recruitment and retention of students and staff. Utilized deep knowledge of key psychological concepts, current and relevant methodologies, tools, and techniques to excel in classroom instruction as well as to create and revise departmental and program curricula. Prepared and delivered competency-based lessons to deliver a meaningful learning experience and encourage students' progress. Assessed students' coursework by providing prompt qualitative and quantitative feedback. Assisted with administrative duties to ensure the program's compliance with all accrediting guidelines.

- Demonstrated strong interpersonal, mentoring, and active listening skills in regular interaction with students
- Equipped students with a fundamental grasp of the research, principles, and theories of psychology
- Provided academic leadership and contributed to the development and delivery of modules and programs at various levels by applying subject matter expertise along with innovative teaching techniques
- Collaborated and supported colleagues regarding research interests, co-curricular activities, and statistical data analysis
- Promoted students' cognitive and affective growth
- Proven ability to collect large data sets and perform thorough statistical data analysis
- Built and nurtured strong and mutually beneficial relationships with professional bodies and associated initiatives to support the college's core values
- Assumed the role of Co-Coordinator for Psychology 201 Course with the Social Sciences Department
- Served as a member of the Campus Safety and Video Surveillance Committee

Adjunct Professor-Psychology and General Education
National American University, Online

06/12 – 05/18

Delivered course content using a variety of teaching styles including discussion, lectures, individual and group exercises, audiovisual material, and experiential techniques. Provided interesting and engaging assignments that show the real-world applications of concepts covered. Contributed to school retention initiatives by maintaining productive contact with regular as well as absent students. Involved in planning, quality review and improvement processes, as well as external program accreditations. Collected and analyzed data for program and university assessment.

- Exhibited organizational skills and timeliness in responding to student inquiries
- Displayed excellent written and oral communication skills with the ability to present complex psychological concepts in a clear and understandable manner
- Actively participated in diverse academic, professional, and community activities to enhance the institution's reputation

Assistant Professor of Psychology and General Education
EDMC, Online

03/09 – 08/16

Provided tutoring and academic counseling to students while keeping accurate class-related records and assessing student coursework. Consistently fostered a positive learning environment, stimulated discussions, and ensured student engagement.

Maintained an active research agenda and disseminated research results. Participated in departmental meetings and provided academic support to professors and other faculty members.

- Made significant service contributions to the department and the institution
- Proven ability to multitask and thrive in a fast-paced, highly competitive environment with tight timeframes
- Assisted colleagues in research design and analysis showing a keen eye for detail and strong teamwork abilities

ADDITIONAL EXPERIENCE

Adjunct Professor of General Education, Argosy University Twin Cities (Fall 2010 – 2015)
Faculty Tutor for Statistics, Argosy University (Fall 2010)
Adjunct Professor of General Studies, South University Online (Summer 2010-2013)
Southeastern Psychological Association Department Coordinator for Conference Travel (2009)
Academic Advisor for Social Science Majors (Fall 2008-Summer 2010)
Assistant Professor of Psychology, Ferrum College: Ferrum, VA (Fall 2008-Summer 2010)
Graduate Research Assistant: TTU Health Sciences Center (Summer 2007-Present)
Distance Education Instructor: Texas Tech University (Fall 2006-Present)
Teaching Assistant/Lab Instructor: Texas Tech University (Spring 2007)
Research Assistant/Dr. Bill Maki: Texas Tech University (Fall 2006)
McNair Scholar Graduate Advisor: Texas Tech University (Fall 2005-Spring 2006)
Graduate Instructor: Texas Tech University (Fall 2003-Fall 2006)
Research Assistant: Texas Tech University Working Memory and Aging Lab (2002)
Research Assistant: Brigham Young University Brian, Imaging, and Behavior Lab (2001-2002)
Teaching Assistant: Brigham Young University School of Family Life (2001)
Intern: Delta County Memorial Hospital Department of Radiology (Summer 2000)
Teaching Assistant: Brigham Young University School of Family Life Internship Office (1999-2001)

CERTIFICATIONS AND LICENCES

Data Science Foundations: Fundamentals
Data Wrangling in R
From Excel to SQL
Learning Python
Learning R
Programming Foundations: Algorithms
Programming Foundations: Data Structures
Programming Foundations: Databases
Python for Data Science Essential Training Part 1
Python vs R for Data Science
R Essential Training: Wrangling and Visualizing Data
SQL Essential Training
Programming Foundations: Fundamentals
R Programming in Data Science: Setup and Start
Biostatistics: Fundamentals of Biostatistics, as well as animal surgery techniques

EDUCATION

M.S. in Data Science Syracuse University School of Information Studies, Syracuse, NY	expected in 2024
ABD from Ph.D. in Cognitive Experimental Psychology (Minor: Statistics) Texas Tech University, Lubbock, TX	2010
M.A. in Psychology Texas Tech University, Lubbock, TX	2006
B.S. in Psychology and Marriage, Family, Human Development Brigham Young University, Provo, UT	2002