

# Senior Research Analyst

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Dynamic Measurement Group is an educational company dedicated to supporting success for children and schools. DMG was founded by the authors of Dynamic Indicators of Basic Early Literacy Skills (DIBELS), an early reading assessment used in grades K–6, and is the official home of DIBELS. The mission of DMG is to improve outcomes for children and support school success by developing and conducting research on practical, innovative, and powerful assessment and curricular materials that can be used to prevent the occurrence of reading failure.

We are currently seeking an enthusiastic and hard-working individual to join us as a senior research analyst.

## Position Summary

Work closely with Ph.D.-level research scientists and other members of the research team to address research questions utilizing advanced statistical analysis procedures, including but not limited to correlational analysis, predictive modeling, ANOVA/MANCOVA, factor analysis, and item-level analysis.

## Position Responsibilities

- Work with other analysts (i.e., Research Analyst I) to clean and maintain data and database integrity.
- Merge, create, and clean large data sets
- Document data sets and programs.
- Present written summaries of data analyses and create technical reports.
- Code, prepare, and submit data for standard kinds of social science analysis using statistical program packages.
- Write programs to manipulate data with JMP, primarily, and other statistical packages as needed (R, Excel, SPSS, etc.). Run descriptive and advanced statistical analyses independently.
- Prepare analysis tasks for other members of the data analysis team (i.e., Research Analyst I and research assistants) and provide direct supervision as needed.
- Perform other duties as required or requested by upper level analysts or project staff.
- Identify relationships and trends in data, as well as any factors that could affect the results of research. Investigate and interpret data analysis results independently and in group settings, with Research Analyst I, and with research scientists.
- Report results of statistical analyses in technical reports, presentations, and orally in meetings to research staff utilizing graphs, charts, and tables.
- Collaborate with researchers and analysts from external agencies on various projects, including submitting technical adequacy documents to review boards, presenting data analysis results, and discussing statistical analysis techniques. Participate and represent DMG in meetings and conference calls with external agencies as needed.
- Collaborate with research scientists to support the research functions that bring high quality reports, peer-reviewed publications, presentations at professional meetings, and other milestones to fruition.
- Perform other duties as required or requested by the Director (or Associate Director) of Research and Development, the Director of Research Operations, and/or principal investigator(s).

## Qualifications

- Master's Degree in relevant field or equivalent (i.e., combination of BA/BS plus experience)
- Working knowledge of JMP programming and at least one other statistical package
- Graduate coursework or equivalent training in statistics, research design, and/or specific techniques (e.g., HLM, SEM, LGM)
- Experience with Excel functions and programming
- Strong written and oral communication skills
- Highly developed reasoning and problem-solving skills

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## *Qualifications, continued*

- Self-motivated, with ability to meet deadlines
- Ability to plan, organize, and work on multiple tasks simultaneously
- Ability to work under pressure and on shifting schedules
- Must pass background check

Preference will be given to candidates who have:

- Advanced degree in education or a related field
- Knowledge of research in the area of early language and literacy development
- Knowledge of and experience with DIBELS testing is desirable
- Experience working within a team research and/or educational environment

This is a full-time position. Salary will be commensurate with experience. This position will work during normal office hours (8am-5pm weekdays) at our location in downtown Eugene. This position reports to the Associate Director of Research and Development. DMG is an equal opportunity/affirmative action employer and encourages applications from minorities and persons with disabilities.

If you are interested in applying, please email a cover letter and current vita to [info@dibels.org](mailto:info@dibels.org).

**January 22, 2018**

<http://dibels.org/>