



## **Analytic Measures Inc. Wins Competitive Grant from the US Education Department to Develop Groundbreaking Diagnostic Reading Assessment and Intervention Solution**

**Palo Alto, CA** (July 1, 2020) Our Analytic Measures Inc. (AMI) team is pleased to announce we have won a 2020 Phase I grant from the US Education Department's Institute of Education Sciences. With this grant, AMI will advance the development of Moby.Read Profiler, a diagnostic oral reading fluency (ORF) assessment. The Moby.Read Profiler will automatically identify and report a young student's reading strengths and difficulties from voice recordings of the student reading short passages aloud, and then indicate appropriate intervention tools. WestEd, a San Francisco-based education research and development organization, will collaborate with AMI as a partner to support content validation and pilot testing. This is the third competitive grant AMI has been awarded to innovate and improve automated performance assessments of early reading skills which provide K-5 teachers with immediate and valid measures of early passage reading skills.

Reading is a foundation for most other learning. Consequently, many hours of teacher, parent, and student time are invested in practicing reading skills and taking mandated reading assessments. Most of the 24 million U.S. students in Grades K-5 take a variety of reading assessments to determine strengths and challenges. In Grades K-3, the mandated tests are almost always human-administered ORF measures for benchmarking, as well as diagnostic and progress monitoring assessments. Many of these time-consuming ORF assessments are summative. Currently, Moby.Read applies AMI's advanced automated speech recognition (ASR) and natural language processing (NLP) technologies to report key ORF skills, including reading level, words correct per minute, comprehension, and expression. This automated administration facilitates fast and reliable benchmark testing, while giving teachers more time for classroom reading instruction.

However, diagnostic testing continues to be a challenge. Between the fall and spring benchmark assessments, many struggling students take one or more specialized diagnostic batteries to guide reading remediation, adding expense and delaying intervention. With the fully automated Moby.Read Profiler, AMI aims to reduce, if not completely eliminate, this burden and help teachers focus on addressing those difficulties their students actually encounter when reading grade-level prose.

### **About Analytic Measures Inc.**

Analytic Measures Incorporated (AMI) is an employee-owned business built on the principle that applying strong data science and technology in educational settings will accelerate learning. We design and build tools to improve all facets of literacy and communication—uniquely human skills that learners of all ages need to succeed in school and the world of work. We apply our deep expertise in artificial intelligence, machine learning, psycholinguistics, and test design and psychometrics to develop new educational products and automated performance assessment services. At AMI, we collaborate with educators across the US and around the globe to optimize advanced speech, text, and performance evaluation technologies for today's diverse learners. Our team is based in Palo Alto, California. Learn more about [AMI](#) and try [Moby.Read](#).

