Our Research Story

At the core of this program is Learning Ovations’ on-site and year-round professional development program and research-based software for K-3rd grade teachers to individualize their literacy instruction. This software is called A2i (Assessment to instruction) and was developed by researchers at the University of Michigan, Florida State (Florida Center for Reading Research), Arizona State University, University of California, Irvine, and the Florida Center for Reading Research. A2i innovations were funded through grants by NICHD, several IES Development Grants, an IES SBIR, and recently by a joint grant from IES and HHS (HeadStart) for our application to early childhood.

From cumulative results studies (Connor 2013) comparing the US NAEP 2015 with 2,000 students, in classrooms that used Learning Ovations’ A2i system for three consecutive years, the following results were demonstrated: below basic reading fell from 33% to 6%; AND proficient and advanced reading increased from 34% to 75%.

- These practices have been recognized for the highest level of proof in the US Department of Education’s What Works Clearinghouse and are based on over 10 years of independent research
- Their solution has been validated over seven randomized control trials funded by NIH and the US Department of Education and has been reported in 23 peer review journal articles.
- These trials were conducted with school populations of 50%, up to 98% of students receiving free or reduced lunch and program outcomes remained constant, effectively eliminating the income achievement gap.

Learning Ovations, with funding from the US Department of Education, developed the technology to bring this research to practice and holds not only the patent but also exclusive copyright license. You can review our research or 23 peer-reviewed articles here:

- Content Area Literacy: Individualizing Student Instruction in Second-Grade Science
- Differentiated Instruction: Making Informed Teacher Decisions
- Individualizing Student Instruction Precisely: Effects of Child X Instruction, Interactions on First Graders’ Literacy Development
- ISI Science- Algorithm Guided Individualized Reading Instruction
- Preventing Retention- First Grade Classroom Instruction and Student Characteristics
- http://learningovations.com/rigorous-research/