



RESEARCH & ASSESSMENT
DESIGN: SCIENCE SOLUTION

Company Overview

Mission

Our mission is to use science-based measurement solutions to provide individuals with useful information to make good decisions about education, workforce, and wellbeing

Vision

We envision a society in which individuals have an enhanced awareness of their social, emotional, and academic learning, enabling them to be contributing global citizens and strengthen the global workforce.

Our Products

We develop assessment solutions that measure social and emotional learning skills and workforce readiness traits. In addition, we design interventions and curriculum to support educators and industry leaders in developing these traits in students or staff.



Who We Are

Research and Assessment Design: Science Solution (RAD Science) is a science-based assessment organization committed to serving learners, educators, and key stakeholders by providing useful, actionable information to enhance self-awareness and grow global citizens. Combining the talents of three former senior leaders who have worked in academia, schools, and major testing companies with a team of expert academic affiliates across the globe, RAD Science provides tools to measure social and emotional learning skills and workforce readiness awareness.

Our organizational offerings include:

1. An ever-expanding pool of social and emotional learning items and measures of important cross-cutting competencies e.g., critical thinking, emotional intelligence;
2. Comprehensive assessment batteries using multiple innovative methods feeding into the score for any measured construct. Rapid customization to individual sectors, including prototype assessments for high-school and college students, re-entry programs for departments of corrections, individuals entering the workforce, teachers, and the capacity to modify those for a chosen profession;
3. Score-reports for the individual and institution, but also for other key stake-holders (for example, in education, for parents, teachers, and administrators).
4. Intervention tools aligned with feedback, providing tips, strategies, and exercises, and pointing to role models from history, the entertainment world, arts and the sciences;
5. Research, particularly in the areas of social and emotional learning and workforce readiness;
6. Organization of topical convenings;
7. Standards development.

Our team has deep connections in the student, teacher, and teacher leader communities. We are joined by an outstanding global team of academicians, providing services that include research, psychometrics, and scoring expertise.

The RAD Science team and its affiliates utilize evidence-centered design, best scientific practices, engaging content and interfaces, and modeling appropriate C21 skills in our work to enhance self-awareness and grow global citizens.



Contact Us

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Our Staff

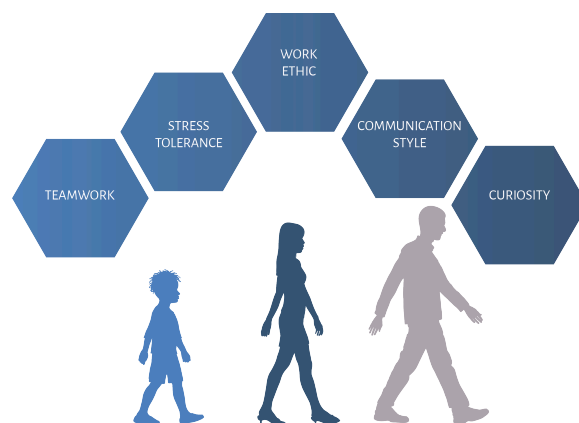
Co-Founder: Katherine Bassett A career educator, Katherine has advocated for students to receive the highest-quality of education regardless of their zip code or family circumstances. She has championed the strengthening of the teaching profession and the inclusion of educator voices in every aspect of education policy formation and implementation. Prior to joining RAD Science, she served as President and CEO of the National Network of State Teachers of the Year, Director of Policy and Partnerships for the Center for Educator Effectiveness at Pearson, and as Director of Educational Relations, Educational Testing Service (ETS). She brings a strong mix of practice, research, and assessment development/scoring to the RAD Science team.

Co-Founder: Amy Riker epitomizes the very best of RAD Science's mix of state-of-the-art research, policy, and practice, providing her expertise to lead business development opportunities aligned with the company's mission statement. Previously National Executive Director at the Educational Testing Service (ETS), Amy led work on a variety of adult education programs, culminating in the launch of HiSET, which she saw adopted in 27 states/territories across the USA. Amy also currently serves as the Chair of the Education Division of the Association of Test Publishers (ATP).

Co-Founder: Richard D. Roberts, Ph.D. is an internationally acclaimed scientist-practitioner, who for two decades has been at the forefront of research and development of cognitive (e.g., ASVAB) and noncognitive (e.g., ACT TessaTM) skill assessment systems. Dr. Roberts has published over a dozen books and more than 200 articles on these topics in diverse sub-disciplines (including, education, psychology, business, medicine, and engineering). Previously serving senior leadership roles at the Educational Testing Service (ETS), ProExam, and ACT Inc., he has worked closely with major organizations such as the Intelligence Advanced Research Projects Activity, Organisation for Economic Co-operation and Development, Army Research Institute, Australian Research Council, and the Bill and Melinda Gates Foundation.

The Big Five: Our framework for valid SEL skills assessment

While RAD Science possesses the expertise to develop assessments in virtually any domain, its initial formulation targets noncognitive or what we prefer to call social and emotional learning (SEL) skills. We are also developing cognitive assessments measuring adult basic education content for reentry citizens. Both science and evidence-based practice suggest five particularly important SEL skills that can be developed to ensure success in school, college, the workplace, and everyday life. These are:



RAD Science has developed unique measurement tools, score reports, and intervention supports to help individuals first learn about and then develop themselves through the lens of the Big Five. Solutions are customizable to virtually any population once normative data have been acquired. The team works with clients throughout to ensure the highest level of product efficacy and scientific integrity.