



RESEARCH & ASSESSMENT
DESIGN: SCIENCE SOLUTION

Company Overview

Mission

The mission of RAD Science is to use evidence-based measurement solutions to provide individuals with actionable information to make appropriate decisions about education, workforce, and life-style choices.

Vision

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

Our Products

We develop assessment solutions measuring behavioral skills and workforce readiness traits. In addition, we design interventions and curriculum to support educators and industry leaders in developing these traits in 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 two former senior leaders who have worked in academia, research, 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 experience in the K12 – workforce markets, both domestic and international. We are joined by an outstanding global team of academicians, providing services that include research, psychometric, and scoring expertise. The RAD Science team and its affiliates use evidence-centered design, best scientific practices, engaging content and interfaces, and modeling appropriate durable skills in our work to enhance self-awareness and grow global citizens.



Contact Us

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Our Staff

Co-Founder: Richard D. Roberts, Ph.D. is an internationally acclaimed scientist-practitioner, who for three decades has been at the forefront of research and development of cognitive (e.g., ASVAB) and noncognitive (e.g., SELF+e, ACT Tessera) skill assessment systems.

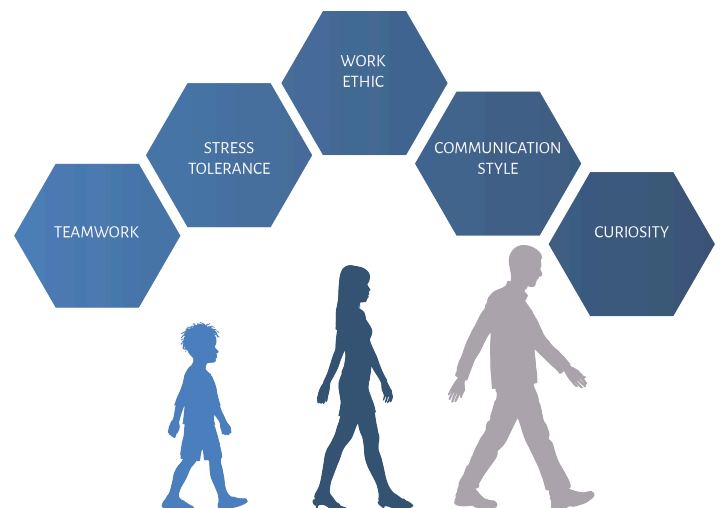
Dr. Roberts has published over a dozen books and more than 200 articles on these topics in diverse sub-disciplines (including, education, psychology, business, medicine, and engineering). A selection of these publications may be found on the web site here.

Previously serving senior leadership roles at the Educational Testing Service (ETS), ProExam, and ACT Inc., Dr. Roberts 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. Among Dr. Roberts' professional honors are two ETS Presidential Awards, two PROSE book awards, a University medal, a National Research Council Fellowship, and various early (and then later) career awards.

Co-Founder: Micah Myers is the Head of Operations: Applied Assessment and Intervention Development at RAD Science. In this position, she works in multiple roles including: business and product development, program management, and strategic partnerships. She gathers these disparate departments to work together leading to pioneering assessments and interventions for the multiple sectors that RAD Science serves. Before coming to RAD Science, Micah worked as the senior product manager for international and global workforce solutions at ACT, where she led internal and external vendor teams to develop and deliver assessments and curriculum in multiple languages, to K-12 and workforce organizations, around the globe. She has worked in non-profit and commercial sectors supporting epidemiological research, education, behavioral health, and workforce policy.

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 some may call social and emotional learning (SEL) skills. Both science and evidence-based practice suggest five particularly important durable 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.