

## About ACTNext

Led by computational psychometrics researcher Alina von Davier, ACTNext™ is the research, development, and business innovation division at ACT. The ACTNext research team, comprised of leaders working on innovative solutions that advance individuals throughout their lifetimes, is passionate about making a difference.

## Overview

ACTNext integrates interdisciplinary research in computational psychometrics, machine learning, and multimodal analytics to deliver innovative learning and assessment systems to help people and organizations worldwide achieve education and workplace success.

**Computational Psychometrics:** A core competency of ACTNext is its expertise and work in a blend of theory-driven psychometrics, artificial intelligence algorithms, and machine learning methods used to measure latent abilities.

**Innovative Assessments:** A research-based approach towards developing new types of assessments using simulation and game-based interactions.

**Multimodal Analytics:** An ability to integrate data from a variety of sources including traditional discrete responses and highly unstructured, continuous sensor-based data.

**Adaptive Learning Experiences:** A focus on developing learning interfaces that provide adaptive, evidence-based feedback to learners.

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