iCERP - The Ed Neuro Project

The Ed Neuro project combines the expertise of UCSD neuroscientists, cognitive scientists and experts in education transformation with teachers to develop real-time research projects aimed to close the achievement and opportunity gaps before they open.

Breaking Down Silos

Moving past traditional roles and conventions early education practitioners collaborate with researchers to generate topics and questions for investigation. Researchers gain access to classrooms and students while teachers get real-time information to improve pedagogy and learner outcomes.

INKY

Research out of context risks producing invalid or misleading results. Inky allows us to study brain activity in real time, as a student is learning, within the real context of the classroom learning environment. Inky is a non-obtrusive gadget that records and transmits brain activity gathered while children work on computer games and exercises.

Learning Labs

iCERP aims to transform classrooms into live learning laboratories to better understand students as they develop as learners both cognitively and emotionally. With real-time insight we may prescribe precise targeted interventions that boost student success immediately.

Whole Child Research

A key difference in iCERP's approach are the various disciplines working together to shape research around the whole child. In addition to neuro and cognitive science, iCERP brings together education reform, family and community engagement, child development and special education. Practitioners and researchers collaborate to define queries, gather data in and out of the classroom, and apply research findings right away.

Robert Crowell 2018