Partnerships in Autism & Technology
California State Senate Hearing

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Collaborative relationships position us to make substantial differences now and contribute to research that can extend effects state and nationwide.
University Partnerships

Allow for cross pollination of good ideas and development of varied skills

Raise awareness about autism and technology efforts across campuses
Autism AppJam

Partners: Microsoft, IBM, Yahoo!, Blizzard, Google, Pimco Foundation, Intel, Tiwahe Technology, T-Mobile, CalIT2, and the Schools of ICS, Engineering, and Medicine at UCI

Two week competition for university students to design and build an app for autism
Half the teams are continuing their work

**TheraConnect:** Collaborating with the Center, K-12 public schools, and New Vista to field test the product

**CollegeHero:** Working to deploy with Disability Services on UCI campus

**I’m Lost:** Picked up by Yahoo! Mobile for continued development

Others releasing in iOS AppStore or Android Play Marketplace
Corporate Partnerships

Enable stronger development work than we might do alone as a university

Support companies in empirically validating their approaches, a proven model from pharmaceuticals
VidCoach

Partners: Tiwahe Technology, CareerLink, Walgreens, Trader Joes, Chilis, Lucilles, Hyatt, Atria, Boys & Girls Club of OC

Watch Model
  – Answer quizzes

Practice
  – Respond to prompts

Watch Self
  – Save recordings
  – Rate performance
Evaluating VidCoach

15 students in a transition program
• Pre and Post interviews with potential employers
• One month of app use in between
• Student missteps during job interviews significantly reduced
• Student confidence with practice increased
K-12 Partnerships

Enable designs from our research labs to be tested within schools

Collaboratively support creation of technology focused evidence based curricula
vSked: Interactive Visual Schedules
Partner: North Orange County Special Education Local Plan Area and public schools in N. OC.

faster, easier interactions

progressive skill scaffolding

embedded natural record-keeping
vSked Evaluation in Classrooms

Significant reductions in:

• Time to transition between activities
  (158 sec vs. 61 sec)

• Prompting
  (12.43 vs. 7.20)

Improvements in teacher communication and student socialization and communication
Technology in the Workplace

Partners: Irvine, Capistrano, Whittier, Saddleback, Garden Grove, Newport Mesa, Huntington Beach school districts, Tiwahe Technology, Department of Rehabilitation, and Regional Center of Orange County

Training to support use of technology in transition activities

Multi-part intervention:
- Action plans around use of iOS devices
- Distribution of devices from a variety of sources
- Workshops around device use and work transition
Next Steps for TiW Program

Working to expand statewide through other transition initiatives

• Continue with in person training

• Develop and evaluate webinars and e-learning approaches

• Book to be published in 2014 (Brooks Publishing)
Positive community change alongside research can be accomplished through long-term, meaningful, collaborative partnerships.