What does the KIHd System do?

- Collects Real Time Observable Data
 - How many?
 - How Long?
 - How Accurate?
 - How Fluent?
- Enables Easy Data Entry and Analysis
- Allows Simultaneous Use
- Provides Immediate Feedback



What does the KIHd System Replace?

- Clipboards (Paper Processes)
- Non Standard Data Collection
- Manual Data Manipulation
- Manual Data Transposition
- Incomplete Data Analysis and Reporting
- Delayed (or no) Feedback

KIHd System Project Information

KIHd System Project Team

Michael M. Behrmann, EdD mbehrman@gmu.edu

Heidi J. Graff, PhD hqraff@qmu.edu

Shuangbao Wang, PhD swang3@gmu.edu

Yoosun Chung, PhD ychunq3@gmu.edu

Research Assistants

YouRi Shim yshim2@gmu.edu

Kavita Mittapalli kmittapa@gmu.edu

Peter Mburu pmburu@gmu.edu

KIHd System Project Web Site

http://kihdsystem.gmu.edu/ kihdProject

KIHd System

http://kihdsystem.gmu.edu



George Mason University The Kellar Institute for Human disAbilities 4400 University Drive MS 1F2 Fairfax, Virginia 22030

The Kellar Instructional Handheld Data (KIHd) System





Improving the lives and productivity of persons with disabilities

(703) 993-3670 (Voice/ TTY) (703) 993-3681 (Fax)

About the KIHd System

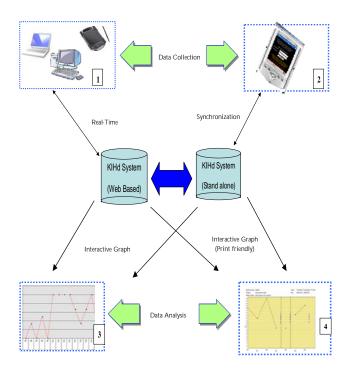
Based on four years of rigorous collaborative research with additional funding from the U.S. Department of Education, the Stepping Stones Grant, the Kellar Institute of Human DisAbilities (KIHd), housed at George Mason University, Fairfax, Virginia, developed the KIHd System. The KIHd System is a multi-platform, browserbased, real-time, mobile, collaborative, observable data collection and analysis tool. The KIHd System charts and produces graphs in real-time and can be used on various data types.



Collaborative Real Data Collection System

Data collection can be done with either (1) handheld (PDA), laptop, or PC with internet connection; or (2) handheld (PDA) to be synchronized at a later time.

Once data has been stored in the database, it can be used for further analysis by viewing either (3) interactive graph and/or (4) print-friendly graph.



How does the KIHd System Work?

The KIHd System is designed for multiusers in an educational setting. These include- data collectors/researchers, teachers/instructors, parents and/or caregivers to collect discrete performance data on students with disabilities.





