

## New Frontiers and Latest Developments in Assistive Technology

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### Abstract

The field of assistive technology (AT) has emerged and blossomed during the past 35 years. However, despite the importance and potential of AT, there is little evidence to suggest that all individuals who need AT have access to appropriate devices and services. In this session, Dr. Edyburn will demonstrate how the concept of assistive technology is being transformed as (a) a function of ubiquitous cloud computing and (b) the policy viewpoint that education as an economic resource. Selected products will be demonstrated to provide participants with the opportunity to explore what happens when assistive technology is transformed into performance support technologies.

### Biographical Note

Dave L. Edyburn, Ph.D., is Professor and Associate Dean for Research at the College of Education and Human Performance, University of Central Florida.

His research and teaching interests focus on the use of technology to enhance teaching, learning, and performance. He has authored over 175 articles and book chapters on the use of technology in special education. His work represents a variety of contributions to policy, theory, research, and practice.

Professionally, he has held national offices in the American Education Research Association, the Council for Exceptional Children, and the International Society of Technology in Education.

He is a frequent conference presenter and workshop leader.

His most recent books include:

*Advances in Special Education Technology: Accessible Instructional Design*

<https://www.amazon.com/Accessible-Instructional-Advances-Education-Technology/dp/1785602896>

*Advances in Special Education Technology: Efficacy of Assistive Technology Interventions*

<https://www.amazon.com/Efficacy-Assistive-Technology-Interventions-Education/dp/1784416428>

*Inclusive Technologies: Tools for Helping Diverse Learners Achieve Academic Success*

<https://www.vitalsource.com/products/inclusive-technologies-tools-for-helping-diverse-dave-edyburn-v9781621783060>