

2014 SUMMER INSTITUTE

UNIVERSAL DESIGN AND ASSISTIVE TECHNOLOGY



Thursday, May 15th • 8:30 am - 12:30 pm • NEC 328A

Sylvia F. Diehl, PhD, CCC-SLP

Incorporating Augmentative and Alternative Communication in Multiple Contexts

This presentation is focused on the use of augmentative and alternative communication (AAC) in the classroom. It is intended to review evidence based practice and promising strategies that support both comprehension and expression in the school contexts. The use of AAC as a continuum of supports from basic visual supports to low tech aids to high tech devices will be discussed. Strategies that support communication and literacy development will be identified. Dynamic participation in meaningful classroom activities will be emphasized. Topics will be addressed through lecture, case study presentation, videos, and learning activities.

Dr. Diehl has supported children with autism spectrum disorders and their families for over twenty years. She is a faculty member of the University of South Florida Communication Sciences and Disorders Department where she teaches courses in augmentative and alternative communication, language disorders, and developmental disabilities. She serves as a consultant to many school districts and the Florida Inclusion Network. She has authored both webcourses and a master clinician workshop on autism spectrum disorders for the American Speech Language and Hearing Association. Her research and publication interests focus on consistent frameworks to support children with ASD in classroom settings. sdiehl@usf.edu

Thursday, May 15th • 1:30 – 4:30 pm • NEC 328A

Kathryn J. De Laurentis, PhD

Universal Design and Selection of Assistive Technologies for Learning

This presentation will outline universal design methods and human factor considerations necessary to develop technologies (tools and techniques) to increase, maintain, or improve functional, cognitive, or sensory capabilities of individuals with disabilities. Access, communication, mobility, and behavior related to function are some topics discussed in terms of their influence on design, choices of technology, classroom dynamics and educational tools. An overview of a variety of learning technologies aimed at improving the academic performance of children with disabilities will also be provided.

Dr. De Laurentis is a founder and the managing partner of Fourier Designs, a developer of innovative assistive technologies in central Florida since 2006. Dr. De Laurentis graduated from Rutgers, The State University of New Jersey with a PhD in Mechanical and Aerospace Engineering; and also has a behavioral and mental health practitioner background. Her experience over the last 15 years has been in the design, development, actuation, and fabrication of next-generation mechanisms, electro-mechanical devices and robotic systems for assistive, rehabilitation and space applications. She has patented and widely published her work. Dr. De Laurentis has received recognition from organizations such as Pinellas County Economic Development, the American Institute of Aeronautics and Astronautics, and the National Science Foundation.

Wednesday, June 11th • 9:00 am - 12:00 pm (Noon) • Westside D

Phyllis Jones, PhD

UDL in the Classroom: Considerations for Students with Disabilities

This workshop will introduce the fundamental concepts of Universal Design for Learning (UDL) in the classroom context. UDL will be contextualized in relation to the diverse learning needs of students, but emphasis will be given to students with disabilities. There will also be discussion of how understandings of ASD (Theory of Mind, Executive Functioning issues including Central Coherence Theory and Experiencing Self theory) impact decisions of teaching and learning. Workshop participants will leave the workshop knowledgeable about the principles of UDL, their application to teaching and learning, and an awareness of some of the current potentials and challenges of UDL.

Dr. Jones is an associate professor in the Department of Special Education at the University of South Florida. Phyllis taught and was a deputy head in schools in the UK for fifteen years before she entered teacher education. She is author of *Inclusion in the Early Years: Stories of good practice*, co-author of *Collaborate Smart* and lead editor of four books related to classroom assessment, leading for inclusion, teachers as researchers and integrating insider perspectives into inclusive teacher learning. Phyllis is published widely in international journals related to inclusion, teacher education for teachers of students with severe intellectual disabilities and/or ASD. She is editor of the *International Journal of Whole Schooling* and sits on the board of Disability & Society. pjones7@usf.edu

Location:

May 15th - NEC 328A

Courtyard area behind Tarek's Café

June 11th - Westside D

Conference Center at FMHI

More Information:

Tracy-Ann Gilbert-Smith

813-974-3341

Email: tgsmith@usf.edu

Project TSBA (Preparing Tiered System Behavior Analysts), a joint federally funded project of the Applied Behavior Analysis Master's Program and the Positive Behavior Certificate Program at the University of South Florida is offering a Summer Institute sessions on universal design and assistive technology for children with disabilities. All are welcome. Open to USF and non-USF affiliates (responsible for own parking). Light refreshments will be served.

