

Applying Virtual Reality for Engaging Students with Cognitive Disabilities

Dr James P. Lawler
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University hour lecture

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Abstract

Computer systems are evolving to help young adults with cognitive disabilities in the improvement of information processing. In this presentation the presenter discusses preliminary findings highlighting the comfortable dimensions of virtual reality applications (apps) to help young adults with Autism Spectrum Disorders (ASD) at mid-spectrum and findings highlighting the feasibility of fruitful learning possibilities with virtual reality systems. The presentation can be informative to general and special education instructors and students interested in the potential of this technology as a method to learn more about uses of Information Technology or careers in that field.

Short Bio of the Speaker

Dr. James P. Lawler is Professor of Disability Studies and Information Systems in the Seidenberg School of Computer Science and Information Systems of Pace University in New York City. Dr. Lawler is engaging diverse undergraduate students in area of knowledge: community engagement courses and programs with non-profit organizations in the city. His focus is on helping people with disabilities with innovative personalized technologies through the courses and programs of outreach in downtown New York. His students from the school and from the other schools of the university are currently helping people with developmental and intellectual disabilities with pilot projects involving applications (apps) of virtual reality technologies. Dr. Lawler is a recipient of the national *Jefferson Award for Community Service* Bronze Medal for his programs at the university.