

# Center for Cognitive Science

University at Buffalo, State University of New York

**Wednesday, October 23, 2002**

280 Park Hall  
North Campus  
2:00 pm – 4:00 pm

**“Taking a Brunswikian approach to modeling judgment in complex systems: Implications for training support and design”**

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Department of Industrial Engineering, UB

Brunswik's theories of human judgment, and their later mathematical formulations, have been widely applied in areas such as social judgment theory and medical diagnosis. More recently, researchers have begun applying this descriptive model of decision-making to human and automated judgment agents in complex, dynamic systems. This talk will discuss the modeling approach, and provide example applications and modeling extensions, as well as some resultant design implications, in command and control, process control, and aviation environments.

**Refreshments will be available. Everyone is welcome to attend!**