

Biometric Consortium 2003 Conference

Stephanie A. C. Schuckers, Ph.D.

Research Associate Professor
Clarkson University &
West Virginia University

Box 5720
Potsdam, NY 13699

Phone: (315) 268-6536
Fax: (315) 268-7600
sschucke@clarkson.edu

Dr. Stephanie Schuckers is a research associate professor in the Department of Electrical and Computer Engineering at Clarkson University and a research assistant professor at West Virginia University. In addition, she is a faculty member in the Center for Identification Technology Research (CITeR). Her primary research interest is the application of modern digital signal processing to bio-related signals. While a significant component of her research is related to biomedical applications, like heart attacks, sudden infant death syndrome, and home health, a strong component is her work in biometric systems.

One area of her research which has gained attention, including invited presentations, funding, patents, and potential commercialization, is incorporating liveness information for prevention of spoofing techniques to gain unauthorized access. She also has interests in integration of biometric information, biometric tracking, and multibiometrics. Methods involve classic signal processing, statistical techniques, pattern recognition, algorithm development and evaluation, data mining, and image processing. Data is collected from human subjects and cadavers.

Dr. Schuckers received the B.S. in electrical engineering from the University of Iowa in 1992. As a Whitaker Foundation Graduate Fellow, she received the M.S. and Ph.D. degree in electrical engineering from the University of Michigan in 1994 and 1997, respectively. She is married and has two small children.