

Biometric Consortium 2003 Conference

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Dr. Kristi Nixon was one of the first employees at Lumidigm starting in February of 2002 and currently holds the position of Senior Scientist and Analyst. She has 8 years experience in developing pattern recognition algorithms and analysis tools at national labs and small companies in the U.S.

Prior to starting at Lumidigm, Dr. Nixon was with InLight Solutions, Inc. a development-stage company from which Lumidigm spun-out. At InLight, she played a role in refining Lumidigm's novel skin-based biometric technology known as LumiGuard™ beginning in 2001. Before InLight, Dr. Nixon worked at Sandia National Laboratories as a senior member of the technical staff on the development of algorithms for the detection of nuclear detonations for treaty monitoring. She was also a member of the technical staff and a post-doctoral and graduate assistant at Los Alamos National Laboratory. While at Los Alamos, Dr. Nixon was instrumental in the development of the Applied Monitoring and Transparency Lab, being the technical lead for the prototype Integrated Facility Monitoring System for chain of custody warhead dismantlement monitoring and Advanced Surveillance Technology to assess the state of safety and security in dynamic facilities and environments. She also was a key member of a team automating gas chromatograph fault diagnosis using pattern recognition techniques.

Dr. Nixon earned a Ph.D. and MS in Computer Science at Florida State University and a BS in Computer Science from Furman University. She is an author of numerous publications in the field of pattern recognition.