# Sargur N. Srihari

## a. Professional Preparation

| | | | |
|---|---|---|---|
| Bangalore University | Physics & Mathematics | BSc | 1967 |
| Indian Institute of Science | Electrical Communication Engineering | BE | 1970 |
| The Ohio State University | Computer and Information Science | MS | 1972 |
| The Ohio State University | Computer and Information Science | PhD | 1976 |

## b. Appointments

1997 - Present  SUNY Distinguished Professor, Computer Sci & Engineering, University at Buffalo
1991 - Present  Director, CEDAR, Center Excel Doc Anal & Recog  Amherst, NY
1991 - 1997     Pattern Recognition Professor,   Computer Science,  University at Buffalo
1987 - 1991     Professor, Computer Science, University at Buffalo
1987 - 1988     Acting Chairman, Computer Science, University at Buffalo
1982 - 1987     Associate Professor, Computer Science, University at Buffalo
1978 - 1982     Assistant Professor, Computer Science, University at Buffalo
1976 -1978      Assistant Professor, Computer Science, Wayne State  Univ.

## c. Publications

(i) *Most Closely Related Publications*

1. M. Puri,  S. N. Srihari and L. Hanson, "Probabilistic Modeling of Children's Handwriting," Proc. Document Recognition and Retrieval 2014, 902103-902103-13.
2. Y. Tang and S. N. Srihari, "Likelihood ratio estimation in forensic identification using similarity and rarity," *Pattern Recognition Journal*, 47(3): 945-958 (2014).
3. D. Kovalenko and S. N. Srihari, "On methods for incorporating evidences into posterior scoring of hypotheses," *Proc. Int. Conf. Pattern Recognition*, Tsukuba, Japan, 2012: 577-580.
4. S. N. Srihari and Y. Tang, "Computational Methods for the Analysis of Footwear Impression Evidence," *Computational Intelligence in Digital Forensics* 2014: 333-383.
5. C. Su and S. N. Srihari, "Evaluation of the Rarity of Fingerprints in Forensics," *Proc. Neural Information Processing Systems (NIPS),* 2010: 1207-1215.

(ii) *Other Significant Publications*

1. S. N. Srihari, "Probabilistic Graphical Models", *Encyclopedia of Social Network Analysis and Mining* 2014: 1388-1402
2. S. N. Srihari, "Computing the Scene of a Crime," *IEEE Spectrum*, 47(12): 38-43, Dec. 2010.
3. T.K. Ho, J. J. Hull and S. N. Srihari, "Decision Combination in multiple classifier systems," *IEEE Trans. Patter Anal. Mach. Intel.*, 22(1), 1994, 63-84.
4. S. N. Srihari, SH Cha, H. Arora and S. Lee, "Individuality of Handwriting," *Journal of Forensic Sciences*, 47(4), 856-872.

5.  S. N. Srihari, J. Collins, R. K. Srihari, H. Srinivasan, S. Shetty and J. Brutt-Giffler, "Automatic scoring of short handwritten essays in reading comprehension tests," *Artificial Intelligence*, 172 (2008): 300-324

**d.  Synergistic Activities**

1. Teach Course in Probabilistic Graphical Models (Spring 2015)
2. Teach course in Machine Learning   (Fall 2015): www.cedar.buffalo.edu/~srihari/CSE574).
3. Member, National Academy of Sciences Committee on *Identifying the Needs of the Forensic Science Community,* 2007-09.
4. Member, NIST/NIJ *Expert Working Group on Human Factors in Latent Print Analysis*, 2008-2011.
5. Member, NIST/NIJ *Expert Working Group on Human Factors in Handwriting Analysis*, 2015-2017.


**e.  Collaborators & Other Affiliations**

*(i)  Collaborators (3)*
Lisa Hanson, Minnesota Forensics Laboratory, St. Paul, MN
Katrin Franke, Gjovik University, Norway
Dmitry Kovalenko, Moscow State University, Russia

*(ii) Doctoral and Post-Doctoral Advisors (2)*
Lee J. White, Case Western Reserve University, B. Chandrasekaran, The Ohio State University

*(iii) Thesis and Postgraduate-Scholar Sponsor*

PhD students recently supervised (completed):

| Year | Name | Affiliation | Role |
|---|---|---|---|
| 2015: | Gang Chen | Just Graduated | |
| 2013: | Yu Liu | Epic Systems, WI | Research Scientist |
| 2012: | Yi Tang | Microsoft | Research Scientist |
| 2011: | Chang Su | E-Bay, Seattle, WA | Research Scientist |
| 2008: | Chen Huang | Industry, Arlington, VA | Research Scientist |
| 2007: | Harish Srinivasan | Amazon Inc. | Research Scientist |
| 2007: | Gregory Ball | University at Buffalo | Research Scientist |
| 2006: | Siyuan Chen | National Library of Med | Post-Doctoral Scholar |
| 2004: | Catalin Tomai | Microsoft | Research Scientist |
| 2003: | Bin Zhang | Mt. Sinai Medical School | Senior Faculty |

**f.  Number of Graduate students supervised**

PhD. Completed =39
MS student theses =15

**g.  Number of Post-doctoral scholars supervised**
15