C O N G R A T U L A T E S

2006 IEEE Harlan D. Mills Award Winner

John C. Knight
Professor in the Computer Science Department

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The Institute of Electrical and Electronics Engineers

For encouraging software researchers to focus on practical results as well as theory, and for critically analyzing their assumptions and evaluating their research claims
The Institute of Electrical and Electronics Engineers Harlan D. Mills Award honors researchers and practitioners who have demonstrated long-standing, sustained and meaningful contributions to the theory and practice of the information sciences, focusing on contributions to the practice of software engineering through the application of sound theory.

Professor Knight’s research focuses on issues related to software and architectures in high-value systems — computing systems of extreme importance whose success and continual evolution have a significant impact on society whether measured in terms of time, money or loss of life. Such systems include medical devices; avionics; weapons systems; critical infrastructures such as financial networks, transportation systems and power systems; and grid computing systems that increasingly play a strategically vital role in such diverse industries as finance, health care, pharmaceuticals and aerospace. He is the author or co-author of more than 60 papers.