

Eric R. Fossum '79, H'14



Eric R. Fossum majored in physics and engineering at Trinity. He went on to earn an M.S. and a Ph.D. in engineering and applied science from Yale University. Fossum is a professor of engineering at the Thayer School of Engineering at Dartmouth College, director of Thayer's Ph.D. Innovation Program, and associate provost for entrepreneurship and technology transfer at Dartmouth. Fossum invented the camera-on-a-chip technology that is used in billions of smartphone cameras and other applications. He has co-founded and led several successful start-ups and is a member of the National Academy of Engineering. He has published more than 300 technical papers and holds 168 U.S. patents. In 2017, Fossum won the prestigious Queen Elizabeth Prize for Engineering, considered by many as engineering's Nobel Prize.

Fossum has served on Trinity's Board of Trustees, Board of Fellows, STEM Advisory Board, and Engineering Advisory Council. He was honored with Trinity's Alumni Achievement Award in 1997, an honorary doctor of science degree in 2014, and the Alumni Medal for Excellence in 2017.

Fossum and his wife, Susan Fossum, live in Wolfeboro, New Hampshire. He has three daughters and two stepchildren.

Ewa Syta



Dr. Ewa Syta obtained her Ph.D. in Computer Science from Yale University in 2015. Prior to joining Yale, she earned her B.S. and M.S. in Computer Science and Cryptology from Military University of Technology in Warsaw, Poland. Her research interests lie in computer security and distributed systems. The long-term objective of her research is to bring cutting-edge cryptographic techniques to real-world applications to shape tomorrow's digital world. She has been working on effective identity management methods, stronger anonymous communication technologies, practical privacy-preserving authentication protocols, unbiased distributed randomness protocols, ways to keep Internet authorities honest and accountable, and most recently, on blockchain technologies, and provable security for real-world protocols. Her current work is funded by the NSF Secure and Trustworthy Cyberspace (SaTC) Medium Collaborative Award: "Applied Cryptographic Protocols with Provably Secure Foundation".

Dr. Syta is as enthusiastic about teaching as she is about research. Her teaching interests include cryptography, computer security, privacy, ethical issues in computing, and programming. Dr. Syta's teaching philosophy reflects her belief that a structured learning environment that supports individual learning styles yields the best results. She strives to create an engaging, open and inclusive forum to facilitate student learning and personal and intellectual growth.