2018 RESEARCH ACHIEVEMENT AWARD

A pioneer in high-performance computing, this year's winner of the Research Achievement Award continues to build upon a 45-year record of groundbreaking work. He joined IBM shortly after graduating from Notre Dame and had such a distinguished tenure there that when he returned to the University in 1994, it was as an endowed professor. Throughout his career, he has helped set the direction of advanced computer architecture research through theoretical studies, sound and well-validated designs, and applications that have significantly impacted computing practice. Among numerous professional highlights, he designed the second-ever multi-threaded parallel processor, which flew aboard every space shuttle mission as a vital computing component. He has published more than 100 journal and conference articles in addition to two single-author textbooks. His work has been recognized with major honors, including both the Seymour Cray Computer Engineering Award, and the Computer Pioneer Award, from the Institute of Electrical and Electronics Engineers Computer Society. The co-founder and chief scientist of the computer architecture firm Emu Technology, he holds 42 patents.

The University of Notre Dame is proud to present the 2018 Research Achievement Award to

Peter M. Kogge

Ted H. McCourtney Professor of Computer Science and Engineering