This year the Columbia University community has a rich array of internationally known computer science researchers, several of whom are also Fellows of the John Simon Guggenheim Foundation among their ranks. The John Simon Guggenheim Memorial Foundation provides fellows with a grant on the basis of distinguished past achievement with exceptional promise for the future. Guggenheim Fellows are selected on the basis of a review of their work—ranging from six to twelve months—to work freely on their respective creative endeavors. This year, 184 artists, scholars and scientists were selected from over 3,200 applicants for awards totaling $7,500,000.

Zainab Bahraoui is Edith Ford Associate Professor of Art History and Archaeology. She is a specialist in the art and architecture of the ancient Near East. She has written extensively on Mesopotamian art and on the cultural heritage of Iraq. She is the author of, among other publications, many textbooks on algorithms and data structures, compilers, and the foundations of computer science. Her current research interests include programming languages, compilers, and algorithms for next generation machines including quantum computers.

Alfred V. Aho is a professor of computer science at the Fu Foundation School of Engineering and Applied Science, and has been the recipient of the 2003 Institute of Electrical and Electronics Engineers (IEEE) John von Neumann Medal. The award is presented annually for outstanding achievements in computer-related science and technology. Also, who is also chair of Computer Science at Columbia, is internationally recognized for his fundamental research in algorithms, programming languages and compilers, pattern matching tools, and theoretical computer science. He is a creator, with Peter Weinberger, of the widely used pattern-matching language AWK. He also wrote the string pattern-matching programs grep and fgrep that first appeared on UNIX, and is co-author of many textbooks on algorithms and data structures, compilers, and the foundations of computer science. His current research interests include programming languages, compilers, and algorithms for next generation machines including quantum computers.

Computer Science Professor Alfred V. Aho Advisory Committee for the National Science Foundation Computer and Information Science and Engineering Directorate.

Before joining Columbia, Aho was vice president of the Computing Sciences Research Center at Bell Labs, the lab that invented UNIX, C and C++. He is a member of the U.S. National Academy of Engineering, received honorary doctorates from the Universities of Helsinki and Waseda, and is a fellow of the ACM, IEEE, and AAAS.

Aho was chair of the Association for Computing Machinery (ACM) Special Interest Group on Algorithms and Computability Theory, and served as chair of the Steering Committee for the ACM Special Interest Group on Computer and Information Science and Engineering. He is a member of the Board of Directors of the ACM and the Association for Computing Machinery.

Steven Feld came to Columbia in 1992, having held visiting professorships at the universities of London, and appeared in 2001 from Cambridge, and was the catalyst for the development of several courses in film and modern books in Columbia’s Rare Book Room.

His books include Sound and Sentiment, Music Grooves, Sensing of Place, Bosavi-English: Tok Pisin Dictionary, Bright Balkans Morning, and Ethnography of Ritual. Feld’s CD recordings include, Voices of the Rainforests, and Sounds of Bosavi: Rainforest Music from Papua New Guinea.

David Scott Kastan is the Old Dominion Foundation Professor in the Humanities. He is a specialist on Shakespeare and early modern culture, and is among the foremost contemporary Renaissance scholars. His most recent book in an edition of The Arden Shakespeare, published in the fall of 2002. His Shakespeare and the Book, based on the Lord Northcliffe Memorial Prize, has been a best seller in the UK for the last few years and appeared in the US in 2002, and appeared in a London in 2001 from Cambridge, and was the catalyst for the development of several courses in film and modern books in Columbia’s Rare Book Room.

His books include Shakespeare After Theory and Shakespeare and the Shapes of Time. He is also a member of the board of the Arden Shakespeare, which is the worlds leading Shakespeare publisher.

By JOSEPH KENNEDY

Alfred Aho Receives John von Neumann Medal for Computer Science Achievements

Columbia Boasts Five John Simon Guggenheim Fellows Among 2003 Recipients

BY COLIN MORRIS

THE BODY AND VIOLENCE IN MEDIEVAL ENGLAND

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