

### **Daniel Reed Biosketch**

Daniel A. Reed is Vice President for Research and Economic Development, as well as University Chair in Computational Science and Bioinformatics and Professor of Computer Science, Electrical and Computer Engineering and Medicine, at the University of Iowa. In this role, he oversees the university's portfolio of over \$400M in externally funded research; the university's campus-wide research centers; its economic development mission, faculty startups and corporate licensing; its Pentacrest museums and mobile outreach to schools and communities; and several state agencies, including the State Hygienic Laboratory and the Office of the State Archaeologist.

Previously, he was Microsoft's Corporate Vice President for Technology Policy and Extreme Computing, where he helped shape Microsoft's long-term vision for technology innovations in cloud computing and the company's associated policy engagement with governments and institutions around the world. Before joining Microsoft, he was the founding director of the Renaissance Computing Institute (RENCI) at the University of North Carolina at Chapel Hill, where he also served as Chancellor's Eminent Professor and Vice Chancellor for Information Technology. Prior to that, he was the Edward William and Jane Marr Gutgsell Professor and Head of the Department of Computer Science at the University of Illinois at Urbana-Champaign (UIUC) and Director of the National Center for Supercomputing Applications (NCSA). He was also one of the principal investigators and chief architect for the NSF TeraGrid, an \$80M+ national project to provide advanced computing infrastructure for scientific and engineering discovery.

Dr. Reed has served as a member of the U.S. President's Council of Advisors on Science and Technology (PCAST) and the the President's Information Technology Advisory Committee (PITAC). He is the past chair of the Board of Directors of the Computing Research Association (CRA) and currently serves on its government affairs committee. He has also served as a member of the ICANN Generic Names Supporting Organization Council. He currently chairs the Department of Energy's Advanced Scientific Computing Advisory Committee and serves as a member of the executive committee for the APLU's Council on Research and the Board of Advisors for the Center for Minorities and People with Disabilities in IT. Dr. Reed is a Fellow of the ACM, the IEEE and the AAAS. He received his B.S. from the University of Missouri-Rolla (*summa cum laude*) and his M.S. and Ph.D. from Purdue University, all in computer science.