

BIOGRAPHICAL SKETCH

Dr. David A. Lifka

Vice President for Information Technologies and Chief Information Officer
Director – Cornell Center for Advanced Computing
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PROFESSIONAL PREPARATION

Illinois Benedictine College, Lisle, Illinois, Computer Science, B.S., 1988

North Central College, Naperville, Illinois, Computer Science, M.S., 1991

Illinois Institute of Technology, Chicago, Illinois, Computer Science, Ph.D., 1998

APPOINTMENTS

2016- Vice President for Information Technologies and Chief Information Officer, Cornell University, Ithaca NY

2014- 2016 Associate Chief Information Officer, Cornell University, Ithaca, NY

2013-2014 Chair, Coalition for Academic Scientific Computation, Washington, DC

2011-2012 Vice Chair, Coalition for Academic Scientific Computation, Washington, DC

2010- NSF XSEDE Architecture and Design Team Coordinator

2010- 2016 Director Research Computing, Weill Cornell Medical College, New York, NY

2007- Director, Cornell Center for Advanced Computing, Ithaca, NY

2005- Adjunct Associate Professor, Cornell Computing and Information Science, Ithaca, NY

2005-2007 Director of High Performance and Innovative Computing, Computing and Information Science, Cornell University, Ithaca, NY

2001-2005 Chief Technical Officer, Cornell Theory Center, Cornell University, Ithaca, NY

1999-2001 Associate Director, Computer Systems, Cornell Theory Center, Cornell University, Ithaca, NY

1995-1999 Senior Systems Programmer, Cornell Theory Center, Cornell University, Ithaca, NY

1993-1995 Senior Technical Support Analyst, Mathematics and Computer Science Division, Argonne National Laboratory, Argonne, IL

1992-1993 Associate Computer Scientist, Petabyte Access Storage Solutions Project, High Energy Physics Division, Argonne National Laboratory, Argonne, IL

1991-1992 Associate Computer Scientist, Computing and Telecommunications Division, Argonne National Laboratory, Argonne, IL

1988-1991 Assistant Computer Scientist, Computing and Telecommunications Division, Argonne National Laboratory, Argonne, IL

PUBLICATIONS

Arms WY, Aya S, Calimlim M, Cordes J, Deneva P, Dmitriev P, Gehrke J, Gibbons L, Jones CD, Kuznetsov V, Lifka D, Riedewald M, Riley D, Ryd A, Sharp GJ. Three case studies of large-scale data flows. Proc IEEE Workshop on Workflow and Data Flow for Scientific Applications (SciFlow). 2006.

Salsburg M, Lifka D. A management framework for petabyte-scale disk storage. Intl Conf of the Computer Measurement Grp. 2005.

SYNERGISTIC ACTIVITIES

- 2015 – NSF CC*DNI DIBBs: Data Analysis and Management Building Blocks for Multi-Campus Cyberinfrastructure through Cloud Federation
- 2013 – NSF/CASC-Sponsored Workshop: Sustainable Funding and Business Models for Academic Cyberinfrastructure Facilities II
- 2011 – Lead NSF funded, XSEDE Cloud Use Survey
<http://www.cac.cornell.edu/technologies/XSEDECloudSurveyReport.pdf>
- 2012 – Partner with TACC on Stampede System –Education & Training and Data Analysis
- 2010 – Partner NSF funded, Extreme Science and Engineering Discovery Environment (XSEDE) – Architecture, Education & Training and Campus Bridging