NCSA Faculty List as of October 22, 2015

Core Faculty

Forename	Surname	Thematic Area	Academic Unit	Academic Title	Web	Research Area
Athol	Kemball	Physics and Astronomy	Astronomy	Associate Prof	Web	Advanced computing and astrophysics.
Barbara	Minsker	Earth and Environment	CEE	Professor	Web	Environmental systems analysis, modeling complex environmental systems.
Scott	Poole	Culture and Society	Communication	Professor	Web	Group and organizational communication
Joel	Cutcher Gershenfeld	Culture and Society	Labor & Employment Relations	Professor	Web	Enabling institutions to operate effectively
Shaowen	Wang	Earth and Environment	Geography and GIS	Professor and Centennial Scholar	Web	Computational methods in GIS, advanced cyberinfrastructure, multi scale geospatial problem solving.
Gabrielle	Allen	Computing and Data Sciences	Astronomy	Professor	_	Scientific computing, numerical relativity
Donna	Cox	Culture and Society	Fine and Applied Arts	Professor	Web	Computer art and scientific visualization
Edward	Seidel	Physics and Astronomy	Physics	Founder Professor	_	Numerical relativity, scientific computing, science and open access policy
Guy	Garnett	Culture and Society	Music	Professor	_	Digital music and composition.
William	Gropp	Computing and Data Sciences	CS	Thomas M. Siebel Chair	Web	High performance computing, scalable numerical algorithms, software libraries.
Bertram	Ludäscher	Computing and Data Sciences	GSLIS	Professor	_	Data and knowledge management
Victoria	Stodden	Computing and Data Sciences	GSLIS	Associate Professor	_	Reproducible science

Faculty Affiliates

Forename	Surname	Thematic Area	Academic Unit	Academic Title	Web	Research Area
Oleksii	Aksimentiev	Bioinformatics and Health Sciences	Physics	Associate Professor		
Scott	Althaus	Culture and Society	Political Science and Communication	Professor	_	Communication processes that support political accountability in democratic societies.
Narayan	Aluru	Materials and Manufacturing	MSE	Professor	_	Nanomechanics & Nanomanufacturing, computational science and engineering.
William	Barley	Culture and Society	Communication	Assistant Professor		
Robert	Brunner	Physics and Astronomy	Astronomy	Associate Professor	Web	Astroinformatics
Daniel	Bodony	Computing and Data Sciences	Aerospace Engineering	Associate Professor	Web	Fluid mechanics
Wendy	Cho	Earth and Environment	Political Science	Professor		
Davide	Curreli	Materials and Manufacturing	Nuclear, Plasma, and Radiological Engineering	Assistant Professor		
Jana	Diesner	Culture and Society	GSLIS	Assistant Professor		
Larry	Di Girolamo	Earth and Environment	Atmospheric Sciences	Professor		
Stephen	Downie	Culture and Society	GSLIS	Professor		
Ahmed	Elbanna	Materials and Manufacturing	Civil and Environmental Engineering	Assistant Professor		

Elif	Ertekin	Materials and Manufacturing	MSE	Assistant Professor		
Rosa	Espinosa-Marzal	Materials and Manufacturing	CEE	Professor	_	Design principles of smart interfaces for applications in environmental engineering and science.
Andrew	Ferguson	Bioinformatics and Health Sciences	MSE	Assistant Professor		
Ryan	Foley	Physics and Astronomy	Astronomy	Assistant Professor	_	Transient astronomy.
Kevin	Hamilton	Culture and Society	Art & Design	Associate Professor		
Matt	Hudson	Bioinformatics and Health Sciences	Crop Sciences	Associate Professor	_	Crop plants, crop breeding and genetics. Computational tools for biological datasets. Computational biology, genomics, HPC.
Wen-Mei	Hwu	Computing and Data Sciences	ECE	Professor	Web	Architectures and compilers
Eric	Jakobsson	Bioinformatics and Health Sciences	Molecular and Cellular Biology	Professor (Emeritus)	Web	Computational biochemistry
Iwona	Jasiuk	Materials and Manufacturing	MSE	Professor	_	Research-based models to explain the structure and behavior of man-made and biological materials
Laxmikant "Sanjay"	Kale	Computing and Data Sciences	Computer Science	Professor	Web	
Karrie	Karahalios	Computing and Data Sciences	Computer Science	Associate Professor		
Praveen	Kumar	Earth and Environment	Civil and Environmental Engineering	Professor		
Amy	Marshall-Colon	Bioinformatics and Health Sciences	Plant Biology	Assistant Professor		
Klara	Nahrstedt	Computing and Data Sciences	Computer Science	Professor		Reliable and High Performance Computing
Taras	Pogorelov	Materials and Manufacturing	Beckman Institute	Research Professor		
Paul	Ricker	Physics and Astronomy	Astronomy	Associate Professor	Web	Computational cosmology
Michael	Ross	Culture and Society	Fine and Applied Arts	Associate Dean	Web	Director of Krannert Center
Andre	Schleife	Materials and Manufacturing	Materials Science and Engineering	Assistant Professor	Web	
Diwakar	Shukla	Bioinformatics and Health Sciences	Chemical and Bimolecular Engineering	Assistant Professor		
Michael	Shaw	Culture and Society	Business			
Marc	Snir	Computing and Data Sciences	Computer Science	Professor		
Sharon	Tettegah	Culture and Society	Educational Psychology	Associate Professor	Web	Innovation and creativity in STEM fields.
John	Toenjes	Culture and Society	Dance	Associate Professor	_	Interactive and computer assisted dance
Joaquin	Vieira	Physics and Astronomy	Astronomy	Assistant Professor		
Lucas	Wagner	Materials and Manufacturing	Physics	Research Assistant Professor		
Don	Wuebbles	Earth and Environment	Atmospheric Sciences	Professor		
Dan	Work	Earth and Environment	CEE	Assistant Professor	_	Control, estimation, and optimization of cyber-physical systems. Inverse modeling.
NCSA Staff: Research and Adjunct Faculty						

Forename	Surname	Thematic Area	Academic Unit	Academic Title	Web	Research Area
Kevin	Franklin	Culture and Society	African American Studies	Adjunct Professor	Web	Cyberinfrastructure in arts, humanities and social sciences.
Robert	Gruendl	Physics and Astronomy	Astronomy	Research Associate Professor	Web	
Victor	Jongeneel	Bioinformatics and Health Sciences	Bioengineering	Adjunct Professor	Web	Computational techniques for biological research.
Vlad	Kindratenko	Computing and Data Sciences	ECE	Adjunct Associate Professor	Web	
Seid	Koric	Materials and Manufacturing	Mechanical Science and Engineering	Adjunct Associate Professor	Web	Large scale multiphysics modeling, sparse solvers
William	Kramer	Computing and Data Sciences	CS	Full Research Professor	_	HPC
Jong	Lee	Earth and Environment	Urban and Regional Planning	Lecturer	_	Spatial Data Management and Analysis, GIS Data Visualization, Transportation Planning, Regional Science
Liudmila	Mainzer	Bioinformatics and Health Sciences	IGB	Research Assistant Professor		
Kenton	McHenry	Computing and Data Sciences	CS	Adjunct Assistant Professor	Web	Computer Vision, Software Cyberinfrastructure, Digital Preservation, HPC
Felipe	Menanteau	Physics and Astronomy	Astronomy	Research Associate Professor	Web	Observational cosmology, galaxy formation, data analysis for astronomy
Matt	Turk	Physics and Astronomy	Astronomy	Research Assistant Professor	Web	Computational Astrophysics, data analysis