Steve Goddard
Interim Vice Chancellor for Research & Economic Development
John E. Olsson Professor of Computer Science & Engineering

Office of Research & Economic Development
301 Canfield Hall
University of Nebraska-Lincoln
Lincoln, NE 68588-0312

Tel: (402) 472-3123
Fax: (402) 472-3834
E-mail: goddard@unl.edu
WWW: http://cse.unl.edu/˜goddard/

Education

1998   Ph.D., Computer Science, University of North Carolina, Chapel Hill, NC
1995   M.S., Computer Science, University of North Carolina, Chapel Hill, NC
1985   B.A., Computer Science and Mathematics, University of Minnesota, Duluth, MN

Professional Experience

2016 –   Interim Vice Chancellor for Research & Economic Development,
University of Nebraska–Lincoln
- Chief Research and Economic Development Officer for UNL with approximately $295M in annual research expenditures.
- Specific areas of responsibility include the following:
  - External Funding (including funding opportunities, proposal development and submission, contract negotiation, and post-award management);
  - Seeding new research initiatives, new interdisciplinary and inter-institutional collaborations;
  - Campus-wide research centers;
  - Research compliance (Human Subjects/IRB, Conflict of Interest, Export Controls, Research Misconduct, Research Integrity);
  - Institutional animal care (including IACUC);
  - Industry relations;
  - Technology commercialization (NUtech Ventures);
  - Nebraska Innovation Campus;
  - University of Nebraska Press; and
  - University of Nebraska State Museum.

2014 – 2016   Associate Vice Chancellor for Research, Office of Research, University of Nebraska–Lincoln
- Responsible for research development, growth, and compliance.
- Institutional Official for Research Compliance (2014 – 2016)
  - Research Integrity Officer for the responsible conduct of research.
  - Responsible for protection of human research participants.
  - Responsible for care and ethical treatment of animals used in teaching and research.
  - Responsible for the management of conflicts of interest in research programs.
- Empowered Official for Export Control (2015 – 2016)
  - Responsible for ensuring UNL is compliant with all export control laws.
  - Responsible for filing and obtaining licenses necessary under International Traffic in Arms Regulations (ITAR) or Arms Export Control Act (AECA).
  - Oversight of research, record keeping, and reporting violations.

2013 – 2014   Interim Dean, College of Arts & Science, University of Nebraska–Lincoln
- Chief Academic Officer of the largest college at UNL.
- Responsible for over 350 tenured and tenure-track faculty, 150 staff, 130 temporary faculty, 4,700 undergraduate students, and 1,100 graduate students.
- Oversight of over 275,000 semester credit hours (SCH) of classes, 40% of all UNL SCH.
- Budget oversight of over $100M annually, including over $50M in external funding.
- Oversight of 17 departments and 16 centers, four associate deans and one assistant dean.

2008 – 2013 Department Chair, Computer Science and Engineering, University of Nebraska–Lincoln
> Responsible for 31 faculty 12 staff, 540 undergraduate students, and 125 graduate students.
> Budget oversight of over $10M annually, including over $5M in external funding.
> Conduct all annual reviews of faculty and staff, including raise allocations.
> Manage promotion, tenure, and hiring processes.

2008 – Professor, Computer Science and Engineering, University of Nebraska–Lincoln
> More than $22M in external funding.
> Published over 100 articles, including 10 patent applications.
> Member of 119 committees for students that have graduated, including the advisor of 6 Ph.D. students, 28 M.S. or M.Eng. students and 6 B.S. students.

2004 – 2008 Associate Professor, Computer Science and Engineering, University of Nebraska–Lincoln

1998 – 2004 Assistant Professor, Computer Science and Engineering, University of Nebraska–Lincoln

1999 – Computer Systems and Patent Litigation Consultant, S.M. Goddard (sole proprietorship)
> Specialize in embedded and networked systems.

1989 – 1998 President and Real-Time Distributed Systems Consultant, S.M. Goddard & Co., Inc.
> Specialized in defense-related contract work, both classified and unclassified.
> Frequently worked on-site troubleshooting embedded signal processing computer systems.
> Consulted on advanced research and prototype development projects.

1985 – 1989 Scientific Programmer, Unisys Corporation
> Developed automated testing framework for 10,000+ unit and system tests.
> Led Enhanced Modular Signal Processor (EMSP) systems integration effort at Bell Laboratories in New Jersey
> Led advanced research and development projects and participated in project proposals.

Professorships

2011 – *John E. Olsson Professorship*
2008–2010 *College of Engineering Professorship*
2006-2008 *College of Engineering Distinguished Scholar*
2000–2005 *J.D. Edwards Professorship*

Awards and Fellowships

2014 *Robert B. Daugherty Water for Food Institute Fellow*
2013–2014 *Committee on Institutional Cooperation (CIC) Academic Leadership Program (ALP) Fellow*
2007 *Certificate of Recognition for Contributions to Students*, awarded by the UNL Parents Association (PA) and Teaching Council (TC)
2005 *Certificate of Recognition for Contributions to Students*, awarded by the UNL PA and TC
2004 *College Faculty Research and Creative Activity Award*
2004 *Computer Science & Engineering Student Choice Outstanding Teaching Award*, Graduate Courses
2003 *Faculty Recognition Award*, from Beta Theta Pi as an "outstanding educator at UNL"
2003–2004 *College of Engineering and Technology Faculty Fellow Award*
2001 *College Distinguished Teaching Award*
2000 *College of Engineering & Technology Faculty Teaching Award* at the Assistant Professor level
2000 *Certificate of Recognition for Contributions to Students*, awarded by the UNL PA and TC
1999 *Certificate of Recognition for Contributions to Students*, awarded by the UNL PA and TC
1997–1998 University of North Carolina at Chapel Hill Computer Science Alumni Fellowship

Selected Recent International Research Leadership Positions

2013 – 2016 Chair, IEEE Technical Committee on Real-Time Systems,

2011 – 2012 Vice-Chair, IEEE Technical Committee on Real-Time Systems,

2007 – Member, Executive Committee of IEEE Technical Committee on Real-Time Systems

2012 – 2016 Member, Steering Committee for IEEE International Conference on Embedded and Real-Time Computing Systems and Applications

2015 Chair, Technical Program Committee for the 27th Euromicro Conference on Real-Time Systems, Lund, Sweden

2012 Co-chair, Technical Program Committee, Real-time Systems Track for 2012 International Conference on Embedded and Real-Time Computing Systems and Applications (RTCSA) 2012, Seoul, Korea

2011 Member, Steering Committee for the First International Workshop on Cyber-Physical Networking Systems (CPNS 2011), Shanghai, China

2011 Member, Steering Committee for CPSWeek 2011, Chicago, Illinois

2010 Organizer and Intellectual Leader of Hybrid, Embedded, and Real-Time Systems Group of NSF funded workshop entitled, Future Directions of Computer System Research in 2010

2009 General Chair for the 30th IEEE Real-Time Systems Symposium, Washington, D.C.

2008 Chair, Technical Program Committee for the for the 29th IEEE Real-Time Systems Symposium, Barcelona, Spain

2008 Co-Chair, Technical Program Committee for the Real-time and Dependable Systems – Principles and Practice topic of the Embedded Software Track of Design, Automation and Test in Europe Conference (DATE 08), Munich, Germany

2007 General Co-Chair for the 13th IEEE Real-Time and Embedded Technology and Applications Symposium, Bellevue, Washington

2006 Co-Chair, Technical Program Committee for the 12th IEEE Real-Time and Embedded Technology and Applications Symposium, San Jose, California

Selected Recent University Service Leadership and Board Positions

2016 – 2017 Co-Chair, UNL Task Force on Achieving Distinction.

2016 – Member, Board of Directors, NUtech Ventures.

2016 – Member, Board of Directors, Nebraska Innovation Campus Development Corporation.

2016 – Member, Board of Directors, National Strategic Research Institute.

2016 – Member, Nebraska Manufacturing Extension Partnership (MEP) Advisory Board.

2016 – Member, Nebraska's Experimental Program to Stimulate Competitive Research (EPSCoR) Committee.

2014 – 2016 Chair, UNL Criterion Working Group Two (Integrity: Ethical & Responsible Conduct) for the 2016-17 Higher Learning Commission (HLC) Reaffirmation of Accreditation Comprehensive Evaluation.

2012 – 2013 Chair, UNL Massive Open On-line Course (MOOC) Task force.

2012 – 2013 Chair, Chemical Engineering Department Chair Search Committee.

2010 – 2012 Chair, Nebraska University-wide Committee to select recipients of the University of Nebraska Innovation, Development, and Engagement Award.