

Sponsors

University of North Dakota

The largest institution of higher learning in the Dakotas, Montana, Wyoming, and western Minnesota, the University of North Dakota is classified by the Carnegie Foundation as one of 64 public "doctoral/research-intensive" institutions among more than 4000 institutions of higher education in the nation. It expects to be included in the highest "doctoral/research-extensive" group the next time the rankings are released. UND is characterized by a solid foundation in the liberal arts, a manageable size, high-quality students and faculty, a varied curriculum, nine colleges and schools, a widely recognized program of graduate education and research, rich cultural resources, and an outstanding record of alumni support. Established in 1883, 6 years before statehood, UND is a coeducational, state-supported institution with an enrollment of 12,423 students, a budget of more than \$232.5 million, and 158 academic programs, including 47 at the master's level, 21 at the doctoral level, and two postgraduate professional schools (law and medicine). Research, scholarship, and creative activity make up an important part of life at UND. External grants received by UND in 2001-2002 totaled more than \$54.6 million.

North Dakota Department of Commerce

The mission of the North Dakota Department of Commerce is to improve the quality of life for the people of North Dakota. The agency is charged with coordinating and focusing the state's economic and community development resources to benefit all the citizens of the state.

North Dakota State University

North Dakota State University, Fargo, encourages research, creative activities, and technology transfer in the spirit of its land-grant mission. Research at NDSU is a thriving enterprise, and campus leaders are dedicated to growing our region's economy by advancing NDSU research, creative activities, and technology transfer; fostering entrepreneurial projects; enhancing NDSU's national status as a research and graduate institution; and continuing the development of NDSU's new Research and Technology Park.

Planning Committee

Peter Alfonso, Vice President of Research, University of North Dakota

Philip Boudjouk, Vice President of Research, Creative Activities and Technology Transfer, North Dakota State University

Joseph Chapman, President, North Dakota State University

Paul Govig, Director of Division of Community Services, North Dakota Department of Commerce

Tony Grindberg, Executive Director, NDSU Research and Technology Park, Inc.

The North Dakota University System

The North Dakota University System (NDUS) has been a unified system of higher education since 1990. The NDUS includes two doctoral universities, one master's degree-granting university, three universities that offer bachelor's degrees, and five 2-year colleges that offer associate and trade/technical degrees.

ND EPSCoR

The North Dakota Experimental Program to Stimulate Competitive Research is a North Dakota University System program aimed at expanding the state's capacity for science and technology research. Funded through federal, state, and private sector partnerships, ND EPSCoR has had a significant and positive impact on the state of North Dakota's research infrastructure and competitiveness. Ninety-six new research faculty were recruited to the state; over 500 graduate students and over 600 undergraduate students received research education and training through ND EPSCoR programs; and the state's overall investment of \$14 million has resulted in over \$100 million in external awards to EPSCoR-supported researchers. Sixty-three companies have received technical expertise from ND EPSCoR-supported faculty and students on critical science and technology problems—expertise which has contributed to the productivity and profitability of these businesses.

Energy & Environmental Research Center

With an international reputation for researching, developing, demonstrating, and commercializing technologies in energy conversion, pollution prevention, water management, environmental cleanup, and waste management, the Energy & Environmental Research Center (EERC) specializes in multiclient consortia and government-industry partnerships. The EERC is an extraordinary example of new wealth creation in this region, with an increasing global client list of over 700 in the last decade. The EERC has a staff of 250 and a new \$8 million addition under construction.

Gerald Groenewold, Director, University of North Dakota Energy & Environmental Research Center

Pam Gulleon, Senior Legislative Analyst for Senator Byron Dorgan and North Dakota State Representative

Deb Haley, Associate Director, University of North Dakota Energy & Environmental Research Center

Mike Hillman, Vice Chancellor for Academic Affairs, North Dakota University System

Charles Kupchella, President, University of North Dakota, Planning Committee Chair

Mark Sheridan, Project Director, North Dakota EPSCoR



Showcase II Program

"Universities-Private Sector Partnerships as an Engine for Economic Development"

Monday, December 9, 2002
Alerus Center
Grand Forks, North Dakota

Sponsored by:
University of North Dakota
North Dakota Department of Commerce
North Dakota State University
North Dakota University System
North Dakota EPSCoR

Coordinated and Sponsored by:
UND Energy & Environmental Research Center

Showcase Goal

To showcase for the public, and for state leaders in government, higher education, and the private sector, examples of current strategies for enhancing research, development, and commercialization activities and to consider university-private sector partnerships and other strategies for the future as part of a Red River Valley Research Corridor concept.

Monday, December 9, 2002

Aurora Ballroom 5

8:15–8:30 a.m.	Welcome and Introduction	<i>Charles Kupchella</i> , President, University of North Dakota, Grand Forks, ND
8:30–8:45 a.m.	“The Importance of Research to the Future of North Dakota”	<i>Larry Isaak</i> , Chancellor, North Dakota University System, Bismarck, ND 
8:45–9:00 a.m.	Keynote Presentation “Growing/Reinventing North Dakota”	<i>The Honorable John Hoeven</i> , Governor of North Dakota, Fargo, ND 
9:00–10:15 a.m.	Panel: “Vision for a Research Corridor in North Dakota”	<p>Panel Hosts</p> <p><i>Charles Kupchella</i>, President, University of North Dakota, Grand Forks, ND </p> <p><i>Joseph Chapman</i>, President, North Dakota State University, Fargo, ND </p> <p>Panelists</p> <p><i>Pam Gulleason</i>, Senior Legislative Analyst for Senator Dorgan, and North Dakota State Representative, Rutland, ND</p> <p><i>Al Joseph</i>, Industry Consultant, and Chairman, ISR, Inc., Clarkston, WA</p> <p><i>Cory Finneman</i>, Vice President of Research, Department of Commerce, North Dakota Economic Development and Finance, Bismarck, ND</p> <p><i>Chuck Stroup</i>, President, North Dakota State Board of Higher Education, Hazen, ND</p> <p><i>Roger Reierson</i>, President, Flint Communications, Inc., Fargo, ND</p>
10:15–10:45 a.m.	Break	
10:45–11:00 a.m.	Experimental Program to Stimulate Competitive Research (EPSCoR) – The Effectiveness of the EPSCoR Program – “A Worthy Investment”	<i>Mark Sheridan</i> , Project Director, North Dakota EPSCoR, Fargo, ND
11:00 a.m.–12:00 p.m.	Panel: “Building University–Industry Partnerships in the EPSCoR Program”	<p>Panelists</p> <p><i>Joel Heitkamp</i>, North Dakota State Senator, Hankinson, ND</p> <p><i>Ken Svedjan</i>, North Dakota State Representative, and Executive Director, Altru Health Foundation, Grand Forks, ND</p>


EPSCoR Panelists, continued

Clinton Kopp, President, III Corporation, and Member, EPSCoR Technology Transfer Advisory Board, Bismarck, ND

Marc Stanley, Acting Director, Advanced Technology Program, National Institute of Standards and Technology, U.S. Department of Commerce, Gaithersburg, MD (via video)

John Hurt, NSF Program for Innovation, Arlington, VA

Aurora Ballroom 4

12:00–1:30 p.m.	Lunch with Address: “Success with Research Corridors”	<i>The Honorable Byron Dorgan</i> , U.S. Senator (ND), Washington, D.C. 
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Aurora Ballroom 5

1:30–2:30 p.m.	NDSU Showcase Example	<i>Tony Grindberg</i> , North Dakota State Senator, Executive Director, NDSU Research and Technology Park, Inc., Fargo, ND
2:30–3:00 p.m.	“EERC/EERC Foundation: An International Model”	<i>Al Joseph</i> , Industry Consultant, and Chairman, ISR, Inc., Clarkston, WA
		<i>Phil Boudjouk</i> , Vice President of Research, Creative Activities and Technology Transfer, North Dakota State University, Fargo, ND
		<i>Gerald Groenewold</i> , Director, University of North Dakota Energy & Environmental Research Center, Grand Forks, ND

3:00–3:30 p.m. Break

3:30–4:30 p.m.	Panel: “Concept to Commercialization”	<p>Panel Moderator</p> <p><i>Michael Jones</i>, Associate Director, Industrial Relations and Technology Commercialization, University of North Dakota Energy & Environmental Research Center, Grand Forks, ND</p> <p>Panelists</p> <p><i>Gerald Groenewold</i>, Director, University of North Dakota Energy & Environmental Research Center, Grand Forks, ND</p> <p><i>Mark Krauseneck</i>, President and CEO, Grand Forks Region Economic Development Corporation, Grand Forks, ND</p> <p><i>Bernard Hamel</i>, Chief Technology Officer, Marsulex Environmental Technologies Inc., LLC, Philadelphia, PA</p> <p><i>Mark Rolfes</i>, Manager, New Business Development, Otter Tail Power Company, Fergus Falls, MN</p>
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4:30–5:30 p.m. Tour of the Energy & Environmental Research Center

Aurora Ballroom 4

6:00 p.m.	Social/Dinner Address: “Economic Impact of Technology and Research Parks”	<i>J. Lee Sammons</i> , Senior Vice President, Hammer, Siler, George Associates, Denver, CO
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Entertainment provided by Jazz on Tap.