

# NDSU Research

## Growth & Recognition

- With more than 13,000 students, North Dakota State University is listed in the top 100 of several National Science Foundation (NSF) annual research expenditure rankings in the areas of chemistry, physical sciences, agricultural sciences and social sciences (FY 2007). Out of 662 institutions, NSF ranks NDSU at 128<sup>th</sup> in total research expenditures (FY 2007). Out of 537 research universities without a medical school, NDSU ranks 41<sup>st</sup>. Research expenditures jumped from \$44 million to more than \$106 million from 1999 to 2007. For FY 2008, NDSU reported an estimated \$115.5 million in research and development activities.
- In the past five years, research activities at NDSU have been covered in media such as the Wall Street Journal, The Financial Times, New York Times, CNN, Washington Post online, Discover, Nature, BBC and Wired magazine.
- The U.S. Department of Commerce Economic Development Administration awarded NDSU's Research & Technology Park the national Excellence in Technology-Led Economic Development Award in 2006.



## What Others Say About NDSU and Fargo

- *The New York Times*, July 27, 2008
- “Over the last five years, the number of people employed here has grown by 13 percent, more than twice the national rate,” says the article Towns They Don’t Want to Leave. “Many graduates are enticed by high-paying jobs at biotech and software companies.... The university and the companies that employ its graduates are growing together.”
- *Moody’s Economy.com. Inc.*, June 2007
- “An increase in North Dakota State University’s (NDSU) budget provides evidence that the state government is delivering on its commitment to transforming the university into a leading academic institution ... funding will secure faculty and staff ... while also enhancing university-related investment into the local economy.”
- *The Wall Street Journal*, August 2006
- “Fargo Moorhead is a thriving metropolis of slightly less than 200,000 that grew over 20 percent between 1990 and 2000,” reads a Wall Street Journal article. “As entrepreneurial activity has expanded, Fargo [Moorhead] is being transformed. Its downtown is home to hip clothing stores and a great boutique hotel. There’s even a thriving art scene.”
- *The American Enterprise*, July/Aug. 2005
- “Once considered an oddity in tech circles, the greater Fargo region of some 180,000 people is becoming a force not only in software, but in electronics manufacturing, research and development and biotechnology.” — The U.S. Brain Belt by Joel Kotkin
- *The Financial Times*, May 27, 2005
- “Yet at North Dakota State University, a three-way technology partnership is taking shape with the U.S. Department of Defense and California-based Alien Technologies, one of the world’s leading makers of RFID (radio frequency identification) devices, which is highlighting the state’s fast-developing high-technology credentials.”
- *USA Today*, Feb. 23, 2004
- “Fargo has blossomed into a hip, college town, enjoying the fruits of prosperity. ... industrial parks are full of thriving small businesses. North Dakota State University is the economic engine in the middle of it all.”



Photo credit:  
North Dakota Tourism/Ren Davis

## National Rankings

- *Inc.com* places Fargo-Moorhead as number 46 on the list of Best U.S. Cities for Doing Business. (July 2008)
- *Money* magazine lists Fargo-Moorhead as number 88 on their list of the Top 100 Best Small Cities in the nation. (July 2008)
- *Fortune Small Business* lists Fargo in top 25 in its 2008 Best Places to Live and Launch a Business (April 2008)
- North Dakota was among four states cited by the 2007 *State New Economy Index* as making the greatest strides toward transformation to a new economy over the past five years. (March 2007)

## NDSU Research in the News

- *The New York Times* — “Fossils add more proof of global climate shift.” Notes NDSU geosciences research in Antarctica.  
[http://www.nytimes.com/2008/08/05/science/05obstundra.html?\\_r=1&em&oref=slogin](http://www.nytimes.com/2008/08/05/science/05obstundra.html?_r=1&em&oref=slogin)
- *National Geographic* — “Tales from the Bog.” NDSU research on peat bog mummies.  
<http://www7.nationalgeographic.com/ngm/0709/bog-bodies/bog-bodies.html>
- *Discover magazine* — “Raw data: When testosterone turns toxic.” Biological science research at NDSU on dark-eyed junco birds and testosterone.  
<http://discovermagazine.com/2006/jul/rawdata/?searchterm=Wendy%20Reed>
- *Nature magazine* — “Digital digs.” Covers use of technology in archaeology and notes NDSU Archaeology Technologies Laboratory.  
<http://www.nature.com/nature/journal/v440/n7088/full/4401106a.html>
- *National Science Foundation* — *Discoveries* “Virtual tools add new dimension to learning.” Covers Virtual Cell and other programs created by NDSU World Wide Web Instructional Committee.  
[http://www.nsf.gov/discoveries/disc\\_summ.jsp?cntn\\_id=106839&org=NSF](http://www.nsf.gov/discoveries/disc_summ.jsp?cntn_id=106839&org=NSF)
- *CBS News* — “The Dakotas are going high-tech.” Podcast on article featuring NDSU Center for Nanoscale Science & Engineering in *Wired* magazine.  
<http://audio.cbsnews.com/2006/02/06/audio1284678.mp3>
- *Wired magazine* — “Farming New Tech Talent.” Covers NDSU Research & Technology Park, Center for Nanoscale Science & Engineering, tech on the plains and job creation.  
<http://www.wired.com/wired/archive/14.02/posts.html?pg=4>
- *The Scientist* — “Extreme science caught on film.” Covers NDSU research in Antarctica.  
<http://www.the-scientist.com/news/home/42343/>

[www.ndsu.edu/research](http://www.ndsu.edu/research)