

## CAREER CENTER

# Annual Employment Report

North Dakota State University, Fargo

# 2004

## Points of interest

### Summary

This year marked a small but optimistic increase in the job market for college grads. Employers are specific about their expectations of the skill sets college grads should be able to bring to the workplace. In addition to the mastery of core skills, employers want competencies in communications, leadership, teamwork and computer literacy. Seniors who have made well-informed decisions to prepare themselves to succeed in the labor market after graduation should do well in securing their job of choice.

### Career Events

The Career Center programs events to connect students and alumni with employers.

*Engineering & Tech Expo* Seventy-nine companies participated in this on-campus event that attracted 1,033 engineering and technology students.

*Tri-College Graduate School Day* Students connected with representatives from regional and national post-baccalaureate schools.

*Tri-College Career Fair* Sponsored by the career centers of Concordia College, Minnesota State University Moorhead and North Dakota State University, this event attracted 92 employers and 513 students. All four-year institutions in North Dakota and western Minnesota were invited to participate.

*North Dakota Education Connection* Graduates seeking education positions interviewed with representatives from public schools around the country.

*Spring Career Fair* This event for all majors attracted 102 employers and 980 students.

*Meet the Firms* An opportunity for 126 accounting students to meet with 16 employers.

### Cooperative Education

The Cooperative Education program is a structured, paid work experience for academic credit affording students an opportunity to gain relevant, professional experience in the career they have chosen to pursue upon graduation. Co-op students accept work assignments locally, regionally and nationally. The work can be full or part time during the summer and/or academic semester.

### NDSU Career Center

The Career Center is a comprehensive employment information and resource center that connects students and alumni with employers. The NDSU Career Center supports and implements state and federal laws in the matter of equal employment opportunity and nondiscriminatory practices. Services are available only to employers who submit assurance that they are equal opportunity employers.

## Annual employment report highlights

Data for this report was collected through mail surveys, follow-up telephone calls and inquiries to academic departments. The Career Center surveyed undergraduate students who received degrees from NDSU for terms ending in December 2003, May 2004 and August 2004. This report is based on responses from 1,354 graduates (88.8% of the reported 1,525 undergraduate degrees granted).

### Of the 1,354 respondents:

- 1,014 (74.9%) reported "Employed."
- 262 (19.3%) reported "Post Baccalaureate & Professional."
- 78 (5.8%) reported still "Active in Job Search."

### Of the 1,014 employed respondents:

- 890 (87.8%) reported: "Employed Related to Major/Minor."
- 75 (7.4%) reported employed in part-time positions.
- The average annual reported salary of respondents was \$33,200. The highest reported salary was \$80,000.
- Graduates reported accepting employment in 39 states and one foreign country.
- 524 respondents (51.7%) reported accepting employment in North Dakota.
- 298 respondents (29.4%) reported accepting employment in Minnesota.
- 545 respondents reported their original home state as North Dakota, of which 368 reported accepting employment in North Dakota (67.5% retention).
- Of this year's employed graduates from the College of Agriculture, 17.6% have chosen to farm or ranch.

NDSU is an equal opportunity institution.

This brochure is available in alternate formats upon request.

## Companies that employed NDSU graduates

3M Corp.	Caterpillar Paving Products Inc.	Fargo Public School District	Land O'Lakes, Inc.	Neuropsychiatric Research Institute	Shultz Torgerson Architects Ltd.
Abbott Northwestern Hospital	Caterpillar, Inc.	Farm Services Cooperative	Larson Allen Weishair & Co. LLP	New Horizons Ag Service	Sirva Relocation
Abercrombie & Fitch	Center for Nanoscale Science and Engineering (CNSE)	Federal Express	Lightowler Johnson Assoc.	New Mech Co.	Southgate Veterinary Hospital
AGCO Ag-Chem Equipment Co.	Centex Custom Homes	Finley Farmers Elevator	Lockhead Missiles & Space Co.	Nokomis Daycare	Southwood Veterinary Clinic
Agriliance	Centrol Crop Consulting	Fleetguard	LS Engineers	Noridian Mutual Insurance Co.	SRF Consulting Group
Albert Lea Medical Center	Clay Wilkin Head Start	Floor To Ceiling Store	Lumos & Associates	North Dakota State University	Stacy's Nursery
Alien Technology Corp.	Clinical Supply Management	Ford Credit Services	Luther Memorial Home	Novartis Pharmaceuticals Corp.	Stanley LaBounty Manufacturing
All Pets Hospital	Clinton-Graceville-Beardsley School District	Fraser	Lutheran Social Services of ND	Oakes Public School System	State Bank and Trust of Fargo
Alliant Tech Systems, Inc.	Cloverdale Foods Co.	Furniture USA	M. A. Mortenson Co.	Olsen Thielen & Company, Ltd.	Stone Mountain Carpet Mill
American State Bank & Trust	College of St. Benedict	Gaffaney's	Mandan, City of	Pella Corp.	Straus Clothing
Andersen Windows	Community First National Bank	Gap, The	Marvin Windows	Precision Diagnostic Services	SuperValu
Applied Engineering	ConAgra Foods	Gardner Public Schools	Maximus	Phoenix International Corp.	Target Corp.
Archer Daniels Midland (ADM)	Construction Engineers, Ltd.	Gate City Federal Savings Bank	MeritCare Medical Center	Pioneer Hi-bred International, Inc.	Team Industries
Banner Engineering Corp.	Coteau Properties Co., The	Gehrman Animal Hospital	Merrill Lynch & Co.	Prairie at St. John's	Tharaldson Enterprises
Barnard Construction Co.	Coughlin Construction	Goodrich Corp.	Microsoft Business Solutions	Prairie Engineering	Property Management
Barr Engineering	CPS Production Services	Grand Forks Air Force Base	Miller Insulation	Pro Ag Farmers Cooperative	Professional Service Industries, Inc.
Battle Lake School District	Cross Country Courier	Granite City Pet Hospital	Miller Public School District	Puget Sound Naval Shipyard	R. D. Offutt Co.
Behavioral Services of Tennessee	Crosslake Veterinary Hospital	Granite Construction Co.	Minn. Newspaper Association	Rand, Inc.	Rapid City Regional Hospital
Belfield Public School District	Cummins, Inc.	Griffin International Companies	Minn. Dept. of Natural Resources	RedPrairie Corp.	RLK Kuusisto Ltd.
Bismarck Public School District	Cunningham Group Architecture	Hakanson Anderson Assoc.	Minn. Dept. of Transportation	Rochester Area Gymnastics Academy	Rochester Area Gymnastics Academy
Black & Veatch	Dahl Consulting, Inc.	Halvorson Construction	Minn. Office of the State Auditor	Rogers Public School System	Rugby Veterinary Service
Blain Christianson and Associates	Dakota Clinic, Ltd.	Hamilton Sundstrand Aerospace	Molstad Construction	S.E.H. Corp.	Saint Alexius Medical Center
Bloomington Police Department	Dakota Large Animal Clinic	Hannaha's Inc.	Mont. Dept. of Transportation	Saint-Gobain Norton Industrial Ceramic Corp.	Saint-Gobain Norton Industrial Ceramic Corp.
Blount, Inc.	Dakota Wesleyan University	Hanson, Kristi W., Architect	Moore Engineering	Saks Fifth Avenue	Scherping Industries
Bobcat/Ingersoll-Rand	Dakota Western Bank	Honeywell	Morton Buildings	Schroeder Milk Co.	Sebesta Blomberg & Assoc.
Boeing Corp., The	Deere & Co.	Houston Engineering	Motorola	SEI Information Technologies	Shafer Contracting
Bolton & Menk	Denise Drake Interior Design	Innovis Health Center	Mott Equity Exchange	Short Elliott Hendrickson	
Bonestroo, Rosene, Anderlik & Assoc.	Department of Veterans Affairs	Integrity Windows & Doors	N.D. Dept. of Health		
Border States Electric Supply	Digi-Key Corp.	Interstate Engineering	N.D. Dept. of Transportation		
Braun Intertec Corp.	Dilworth/Glyndon/Felton Public School District	Johnson, Laffen, Galloway Ltd.	N.D. Game & Fish Department		
Bremer Bank	Discovery Benefits, Inc.	Jordahl-Miller Custom Homes	N.D. Office of the Attorney General		
Burns, Michael J., Architects	Eide Bailly LLP	K B W Assoc.	N.D. State Auditors Office		
Butler Machinery Co.	El Paso Public School District	Kadrmias, Lee & Jackson, PC	N.D. State College of Science		
C. H. Robinson Worldwide, Inc.	Eli Lilly & Co. Credit Union	KFYR TV	N.D. US Senator, Kent Conrad		
Cannon Technologies	Engineered Pump Services, Inc.	Kiewit Western Co.	NDSU Alumni Association		
Cargill	Excel Corp.	Kinder Care Learning Center	NDSU Development Foundation		
Cargill Financial Service Center	Fargo Park District	Kraft Foods, Inc.	NDSU Extension Service		
Casey Peterson & Associates	Fargo Police Department	KVLY TV			
Casselton Veterinary Services		Lakota School District			
		LaMoure Public School District			

## Companies that employed NDSU graduates

(continued)

US Forest Service
US National Park Service
US Navy
US Postal Service
USDA - Natural Resources Conservation Service
Van Ahn & Co, Inc.
Vanity, General Office
Velocimed
Veterans Administration Medical Center
Volt Services Group
Waggoner & Wineinger Architects
Walden University
Walgreens
Wal-Mart
Washington State University
Weiss Construction Co.
Wells Fargo & Co.
Wenck Associates
West Dakota Veterinary Clinic
West Fargo Public School District
Western Iowa Cooperative
Western Summit Constructors, Inc.
Westwood Professional Services, Inc.
Widseth Smith Nolting & Associates, Inc.
Wishek Public School District
Wold Architects & Engineers
Xcel Energy
YMCA/YWCA

## Position titles

Account Executive	Controls Engineer	Industrial Engineer	Reporter
Accountant	Correctional Officer	Interior Designer	Research Specialist
Accounting Specialist	Credit Information Analyst	Intern Architect	Respiratory Therapist
Activities Coordinator	Credit Manager	IT Associate	Sales Agronomist
Admission Counselor	Crop Consultant	Kitchen Designer	Sales Associate
Agronomist	Customer Service Representative	Laboratory Technician	Sales Representative
Application and Testing Engineer	Data Specialist	Landscape Architect	Science Teacher
Architect	Daycare Center Teacher	Manager	Service Engineer
Architecture Intern	Design Engineer	Manufacturing Engineer	Service Quality Analyst
Assistant Buyer	Dietitian	Manufacturing Process Engineer	Site Coordinator
Assistant County Engineer	Director of Communications and Media Relations	Math Teacher	Sleep Disorder Technician
Assistant Manager	Director of Nutritional Services	Mechanical Engineer	Social Studies Teacher
Assistant Superintendent	District Manager	Medical Technologist	Software Engineer
Assistant Teacher	Electrical Engineer	Naval Architect	Soil Conservation Technician
Athletic Trainer	Elevator Manager Trainee	Nuclear Engineer	Spanish Teacher
Auditor	Embryologist	Nursery Manager	Structural Engineer
Behavior Analyst	Emissions Test Engineer	Para Professional	Substitute Teacher
Behavior Technician	Engineer	Park Ranger	Supervisor
Biological Science Teacher	Engineering Technician	Personal Banker	Surveyor
Biological Science Technician	English Teacher	Phlebotomist	Systems Engineer
Biologist	Environmental Technician	Planner I	Tax Accountant
Bookkeeper	Exercise Specialist	Police Officer	Teacher
Broker	Facilities Engineer	Process Engineer	Technical Support Engineer
Business and Operations Analyst	Facility Coordinator	Product Design Engineer	Technical Writer
CAD Administrator	Farmer	Product Development Engineer	Technology Analyst
Case Manager	Feed Department Manager	Product Support Specialist	Test Engineer
Case Processor	Field Engineer	Production Supervisor	Test Technician
Center Director	Field Manager	Program Coordinator	Traffic Engineer
Certified Veterinary Technician	Financial Adviser	Program Specialist	Transportation Engineer
Child Care Provider	Fitness Specialist	Programmer	Veterinary Technician
Civil Engineer	Flexible Benefit Administrator	Project Coordinator	Web Master
Commercial Loan Officer	Food Production Manager	Project Engineer	Wildlife Technician
Computer Programmer	Food Safety Specialist	Project Foreman	
Construction Design Consultant	Food Service Director	Project Manager	
Construction Foreman	Foreman	Project Superintendent	
Construction Manager	Grain Merchandiser	Quality Assurance Technician	
Consultant	Grain Terminal Operations Manager	Quality Engineer	
Consumer Lending Officer	History Teacher	Rancher	
		Region Coordinator	
		Registered Nurse	

## Employment Summary

Undergraduate Degrees

# 2004

	Degrees Issued	Male	Female	Minority	Unable to Survey	Post Baccalaureate & Professional	Entering Job Market	Employed Related to Major/Minor	Employed Unrelated to Major/Minor	Active in Job Search	Percent Employed	Salary Range K=\$1,000 Low - Average - High
<b>College of Agriculture, Food Systems, and Natural Resources</b>												
Agribusiness	11	10	1	0	3	2	6	6	0	0	100%	20-32-38K
Agricultural Economics	29	24	5	1	3	0	26	23	2	1	96%	24-30-45K
Agricultural Systems Management	10	9	1	0	0	0	10	10	0	0	100%	19-27-35K
Agriculture, General	6	6	0	0	0	0	6	6	0	0	100%	36K
Animal and Range Sciences	23	12	11	1	2	4	17	15	2	0	100%	12-25-32K
Biotechnology	4	3	1	1	1	1	2	2	0	0	100%	N/A
Crop and Weed Sciences	19	16	3	0	0	6	13	13	0	0	100%	20-31-44K
Economics	6	6	0	2	0	2	4	1	1	2	50%	N/A
Equine Studies	1	0	1	0	0	0	1	1	0	0	100%	N/A
Food Science	3	0	3	0	0	0	3	3	0	0	100%	30-36-41K
Horticulture	8	2	6	0	0	2	6	5	1	0	100%	19-29-40K
Microbiology	12	2	10	0	1	8	3	2	0	1	67%	N/A
Natural Resources Management	8	5	3	0	0	1	7	4	2	1	86%	27-32-38K
Plant Protection	5	5	0	0	0	0	5	5	0	0	100%	18-26-35K
Veterinary Technology	28	0	28	0	6	0	22	20	1	1	95%	14-22-28K
<b>College Totals</b>	<b>173</b>	<b>100</b>	<b>73</b>	<b>5</b>	<b>16</b>	<b>26</b>	<b>131</b>	<b>116</b>	<b>9</b>	<b>6</b>	<b>95%</b>	<b>12-27-45K</b>

<b>College of Arts, Humanities and Social Sciences</b>												
Art	5	2	3	0	3	1	1	1	0	0	100%	N/A
Criminal Justice	19	14	5	2	5	5	9	6	2	1	89%	18-33-39K
Emergency Management	3	2	1	0	0	3	0	0	0	0	N/A	N/A
English	9	4	5	0	4	2	3	1	2	0	100%	N/A
History	9	5	4	1	0	3	6	4	1	1	83%	22K
Humanities/Philosophy	8	5	3	1	2	4	2	1	1	0	100%	N/A
Languages	5	1	4	1	0	2	3	2	0	1	67%	N/A
Mass Communication	60	20	40	0	9	5	46	31	6	9	80%	13-25-34K
Music	6	3	3	0	0	4	2	0	2	0	100%	N/A
Political Science	22	14	8	2	5	4	13	4	6	3	77%	16-24-28K
Social Science	1	1	0	0	0	0	1	1	0	0	100%	N/A
Sociology	18	7	11	1	2	2	14	7	5	2	86%	18-24-31K
Speech Communication	9	4	5	3	1	3	5	3	2	0	100%	24-27-28K
<b>College Totals</b>	<b>174</b>	<b>82</b>	<b>92</b>	<b>11</b>	<b>31</b>	<b>38</b>	<b>105</b>	<b>61</b>	<b>27</b>	<b>17</b>	<b>84%</b>	<b>13-25-39K</b>

<b>College of Business Administration</b>												
Accountancy	23	11	12	0	2	1	20	19	1	0	100%	16-28-40K
Accounting	17	14	3	0	1	0	16	14	1	1	94%	20-31-39K
Business Administration	122	71	51	3	18	5	99	87	9	3	97%	17-28-50K
Management Information Systems	69	56	13	6	12	7	50	38	7	5	90%	18-35-80K
<b>College Totals</b>	<b>231</b>	<b>152</b>	<b>79</b>	<b>9</b>	<b>33</b>	<b>13</b>	<b>185</b>	<b>158</b>	<b>18</b>	<b>9</b>	<b>95%</b>	<b>16-30-80K</b>

<b>College of Engineering and Architecture</b>												
Aero Manufacturing Engineering Technology	1	1	0	0	0	0	1	1	0	0	100%	N/A
Agricultural and Biosystems Engineering	16	14	2	0	1	0	15	14	1	0	100%	30-46-58K
Architecture	40	22	18	1	3	3	34	26	4	4	88%	22-31-45K
Civil Engineering	73	63	10	1	5	2	66	63	2	1	98%	32-38-46K
Computer Engineering	4	3	1	3	1	0	3	3	0	0	100%	53-55-58K
Construction Engineering	16	12	4	1	0	0	16	16	0	0	100%	34-42-52K
Construction Management	34	33	1	0	0	0	34	34	0	0	100%	21-38-50K
Electrical Engineering	47	45	2	2	4	3	40	30	5	5	88%	29-45-55K
Environmental Design	4	3	1	0	0	1	3	2	1	0	100%	N/A
Industrial Engineering and Management	14	11	3	1	0	2	12	12	0	0	100%	43-48-55K
Landscape Architecture	17	14	3	0	2	0	15	12	1	2	87%	28-32-38K
Manufacturing Engineering	6	5	1	1	0	0	6	6	0	0	100%	33-47-55K
Mechanical Engineering	106	99	7	1	8	6	92	80	7	5	95%	33-46-60K
<b>College Totals</b>	<b>378</b>	<b>325</b>	<b>53</b>	<b>11</b>	<b>24</b>	<b>17</b>	<b>337</b>	<b>299</b>	<b>21</b>	<b>17</b>	<b>95%</b>	<b>21-41-60K</b>

<b>College of Human Development and Education</b>												
Apparel and Textiles	24	2	22	1	4	1	19	15	2	2	89%	14-23-30K
Athletic Training	9	3	6	0	2	0	7	6	1	0	100%	24-29-36K
Child Development and Family Science	48	1	47	3	5	6	37	29	8	0	100%	15-20-44K
Facility Management	9	5	4	0	1	0	8	6	0	2	75%	27-31-36K
Food and Nutrition (Dietetics)	13	0	13	1	0	3	10	10	0	0	100%	21-31-44K
Hospitality & Hotel, Motel, Restaurant Management	7	2	5	0	2	0	5	4	1	0	100%	23-25-26K
Human Performance and Fitness	11	7	4	1	2	2	7	6	0	1	86%	31-32-32K
Interior Design	17	0	17	0	3	0	14	14	0	0	100%	20-25-37K
Recreation Management	9	4	5	0	1	0	8	3	0	5	38%	26-27-30K
School of Education	71	39	32	1	9	9	53	46	5	2	96%	20-28-39K
<b>College Totals</b>	<b>218</b>	<b>63</b>	<b>155</b>	<b>7</b>	<b>29</b>	<b>21</b>	<b>168</b>	<b>139</b>	<b>17</b>	<b>12</b>	<b>93%</b>	<b>14-26-44K</b>

<b>College of Pharmacy</b>												
Nursing	31	0	31	2	4	0	27	27	0	0	100%	30-39-46K
Pharmaceutical Sciences	83	26	57	6	0	83	0	0	0	0	N/A	N/A
<b>College Totals</b>	<b>114</b>	<b>26</b>	<b>88</b>	<b>8</b>	<b>4</b>	<b>83</b>	<b>27</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>100%</b>	<b>30-39-46K</b>

<b>College of Science and Mathematics</b>												
Biological Sciences	13	7	6	0	2	2	9	5	3	1	89%	26K
Biotechnology	5	3	2	0	0	3	2	1	1	0	100%	N/A
Chemistry	9	4	5	1	0	8	1	1	0	0	100%	N/A
Clinical Laboratory Science	2	0	2	0	0	0	2	2	0	0	100%	N/A
Computer Science	34	33	1	1	9	4	21	12	5	4	81%	26-45-60K
Geology	7	6	1	0	0	2	5	3	1	1	80%	27-28-30K
Mathematics	6	4	2	0	0	3	3	2	1	0	100%	N/A
Physics	6	5	1	0	1	4	1	1	0	0	100%	N/A
Psychology	49	13	36	0	6	17	26	17	6	3	88%	17-25-64K
Radiological Sciences	2	1	1	0	0	0	2	2	0	0	100%	N/A
Respiratory Care	12	3	9	0	1	0	11	11	0	0	100%	26-30-32K
Statistics	2	1	1	1	0	0	2	2	0	0	100%	N/A
Zoology	56	35	21	1	8	17	31	15	10	6	81%	20-27-42K
<b>College Totals</b>	<b>203</b>	<b>115</b>	<b>88</b>	<b>4</b>	<b>27</b>	<b>60</b>	<b>116</b>	<b>74</b>	<b>27</b>	<b>15</b>	<b>87%</b>	<b>17-31-64K</b>

<b>College of University Studies</b>												
<b>College Totals</b>	<b>34</b>	<b>16</b>	<b>18</b>	<b>0</b>	<b>7</b>	<b>4</b>	<b>23</b>	<b>16</b>	<b>5</b>	<b>2</b>	<b>91%</b>	<b>15-28-38K</b>

<b>NORTH DAKOTA STATE UNIVERSITY</b>												
<b>Totals</b>	<b>1,525</b>	<b>879</b>	<b>646</b>	<b>55</b>	<b>171</b>	<b>262</b>	<b>1,092</b>	<b>890</b>	<b>124</b>	<b>78</b>	<b>93%</b>	<b>12-33-80K</b>

<b>NDSU Non-Baccalaureate Professional program</b>												
Pharmacy Doctorate	66	21	45	3	14	0	52	52	0	0	100%	30-83-99K

Footnotes:  
Undergraduate degree programs not listed had no graduates during the time period of this report.  
The Pharmacy Doctorate data are not included in the North Dakota State University data totals.  
N/A = Not Available

## Employment summary column explanations

Data for the 2004 NDSU Annual Employment Report covering semesters ending December 2003, May 2004 and August 2004 were retrieved from the NDSU student database, mail surveys, follow-up telephone calls and inquiries to academic departments. The data include only baccalaureate degrees.

**Degrees Issued**  
Information derived from the student database.

**Male, Female**  
Information reported by student.

**Minority**  
Information reported by student.

**Unable to Survey**  
Graduates not responding to surveys and were unable to be located or contacted.

**Post Baccalaureate & Professional**  
Includes graduates who are pursuing post baccalaureate or professional education, internships or additional undergraduate majors.

**Entering Job Market**  
Only graduates who have entered or are ready to enter the job market are included.

*Includes:*  
"Employed Related to Major/Minor"  
"Employed Unrelated to Major/Minor"  
"Active in Job Search"

*Does not include:*  
"Post Baccalaureate & Professional"  
"Unable to Survey"

**Employed Related to Major/Minor**  
Full-time and part-time employment information collected from graduating student survey.

**Employed Unrelated to Major/Minor**  
Full-time and part-time employment information collected from graduating student survey.

**Active in Job Search**  
Information collected from graduating student survey indicating graduates were unemployed and were seeking employment.

**Percent Employed**  
Number of graduates employed ("Employed Related to Major/Minor" and "Employed Unrelated to Major/Minor") divided by "Entering Job Market."

**Salary Range (Low - Average - High)**  
Only base salaries of full-time positions reported as "Employed Related to Major/Minor" were used. Commissions, bonuses, incentives and fringe benefits were not included. For privacy reasons, some salary amounts are not shown in majors with minimal data returns.