

CENTERS OF EXCELLENCE SUMMARY

Funding

- State funding of \$25.4 million is leveraged with over \$100 million in private sector support for a total investment in excess of \$125 million.

Private Sector Partners

- A total of 107 private sector companies are participating in the Centers of Excellence program.

New Businesses

- Sixteen businesses are new or expanded.
- Twelve new companies (five spin-offs and seven companies with a new location in North Dakota) have been created to date as a result of the Centers of Excellence.
- Four companies have expanded as a result of the Centers of Excellence program.

Jobs

- A total of 493 new direct jobs have already been created.
- The Centers support an estimated 771 additional, new jobs through partnerships.

Economic Impact

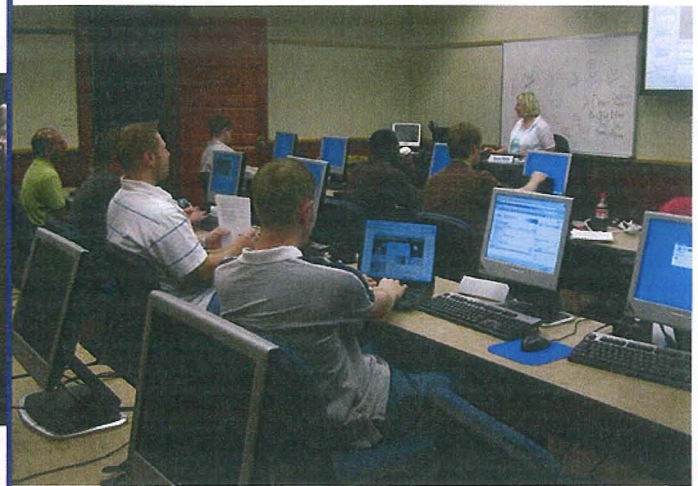
- Estimated direct economic impacts of Centers and partner activities is \$59 million.
- Estimated total economic impact is \$169 million.
- Estimated sale and use tax collections is \$1.8 million.
- Estimated personal income tax collections is \$1.9 million.

Centers of Excellence at Work

A closer look at a few of the Centers provides greater insight into some of the promising work to support new start-ups, generate private-sector driven research and provide workforce support for North Dakota businesses that are hungry for trained talent.

- The Center for Innovation at UND and the NDSU Technology Incubator are housing a combined 27 tenants and supporting more than 250 jobs.





- Canola research at the NDSU Center of Excellence for Agbiotechnology will help North Dakota canola growers increase revenues by up to \$66 million per year at current planting levels. This is the equivalent of 400 direct high-paying jobs.
- A partnership between the NDSU Center for Advanced Electronics Design and Manufacturing (CAEDM) and Appareo Systems resulted in three projects involving the building of prototypes for seven unique printed circuit boards. Appareo indicated that CAEDM is the first partner able to keep up with the fast pace of product development and prototyping.
- Valley City State University's Institute for Customized Business Solutions has provided customized training resulting in the creation of 92 jobs at Eagle Creek Software and eight other North Dakota jobs for total annual payroll of nearly \$4.4 million.
- Marvin Windows & Doors has been able to retain their jobs and business activities in a downward, contracting industry with assistance from the NDSU Center for Surface Protection.
- Dickinson State University's Strom Center for Entrepreneurship and Innovation has contributed to the creation of 140 jobs with \$3.28 million in total annual payroll at Killdeer Mountain Manufacturing (KMM), the Center's primary private sector partner.
- A total of 4,230 (duplicated) individuals have participated in 375 training sessions at the Williston State University Petroleum Safety and Technology Center.
- The UND Energy & Environmental Research Center's National Center for Hydrogen Technology has over \$42 million in new sponsored research contracts.
- The UND Unmanned Aircraft Systems Center of Excellence has collaborative working relationships with the Department of Homeland Security/Customs Border Protection and the North Dakota National Guard in Fargo through which 410 public sector UAS industry-related positions have been established in North Dakota.

COMPLIANCE AGREEMENT

By accepting a Centers of Excellence grant, the University or College receiving the funds acknowledges that it is subject to N.D.C.C. chapter 15-69 "Centers of Excellence" and is aware of the reporting requirements contained in this chapter.

The University or College agrees to comply with the applicable reporting provisions of N.D.C.C. chapter 15-69 including:

1. To comply with the conditions set forth in N.D.C.C. § 15-69-05(2) regarding annual audits
2. To provide any information necessary for the Centers of Excellence Commission to monitor the postaward activities of the Center.
3. To track any and all job creation that can reasonably be traced to the establishment of the Center of Excellence.

The University or College receiving the funds agrees that there will be no subgrants of any kind, direct or indirect, of the funds or assets of the Center to the private sector partners with the exception of intellectual property or technology that is developed as a result of Center activity.

The University or College receiving the funds agrees to notify the Centers of Excellence Commission, through the Department of Commerce, of any material changes to the Center as represented in the application or any material changes to the facts on which the Center was approved, including facts secured as part of the due diligence process

Dated this ____ day of _____.

By: _____

Title: _____

Organization: _____



CENTERS OF EXCELLENCE FUNCTIONAL REVIEW
NORTH DAKOTA DEPARTMENT OF COMMERCE
SFN 59144 (7/09)

(Name of Project)
Functional Review
(Institution)
(Amount of Grant)
(Date)
(First) year of a ten-year review

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Forward

1. The functional review is a tool used by the Department of Commerce to gather information from the award recipients of the Centers of Excellence program. The information is considered preliminary and will be utilized by Commerce in its ongoing post-award monitoring efforts.
2. This review encompasses a broad spectrum of objectives that are consistent with program legislation and the application format. Additional objectives are included to address areas of interest for post-award monitoring purposes. The broad nature of this review allows it to be used as a standard reporting format for each of the diverse Centers.
3. Centers are not necessarily expected to achieve results under each of the objectives identified within this review. Instead, Centers are expected to report progress under the objectives that are consistent with the goals and expectations set forth in their respective applications.

Directions

1. Complete all sections of the functional review that are applicable to your Center. Sections of this review that are not applicable to your Center should be denoted as such.
2. The functional review should be completed for the timeframe of July 1, 2008 through June 30, 2009.
3. Attach all necessary supporting documentation.
4. Completed functional reviews and supporting documentation are to be submitted **electronically to Brian Opp (blopp@nd.gov) at the North Dakota Department of Commerce.**
5. Deadline for the submission of completed functional reviews is **September 30, 2009.**

Objective One

Documenting the \$2/\$1 Match Claimed in the Application

1. Centers of Excellence Award

What was the amount of the award?

What amount has been disbursed?

What amount has been expended?

2. Cash Match- declared in application for COE funding

Source of Funds – Private Sector Cash Match

*Use the tab key to advance cells or to add a line.

Name of Company	Document Reviewed	Amount Pledged	Amount Received (as of June 30, 2009)

Source of Funds – Non-Private Sector Cash Match

*Use the tab key to advance cells or to add a line.

Source of Funding	Document Reviewed	Amount Pledged	Amount Received (as of June 30, 2009)

***Independent Audit:** If an independent audit firm or the university's grants and contracts office have working papers to prove the receipt of cash, insert that working paper behind this page.

***Letter of Intent:** If the cash is not in the bank, request a letter (or email) of intent from the contributing entity stating the amount of cash pledged for the project and attach a copy.

Total Cash Contributions Pledged

Total Cash Contributions Received to Date

3. Contributions in Lieu of Cash and In-Kind Contributions declared in application for COE funding.

NOTE: Documentation should be attached supporting the valuation of each contribution you list below. One option would be to insert a copy of the **IRS form** they used to declare this contribution.

In-Kind Contributions

*Use the tab key to advance cells or to add a line

Note: This category includes assets allocated for the benefit of the project.

Source	Type	Value	Description	Supporting Documentation Provided

Total In-Kind Contributions Pledged

Total In-Kind Contributions Received

Company Contributions In Lieu of Cash

*Use the tab key to advance cells or to add a line

Note: This category includes cash expended by partners on behalf of the project.

Source	Value	Description	Supporting Documentation Provided

Total In Lieu of Cash Contributions Pledged

Total In Lieu of Cash Contributions Received

4. Summary

Total Financial Contribution Pledged

Total Financial Contribution Received

Objective Two

Additional Funds Leveraged Since the Application was Approved

1. List any funds that have been leveraged in addition to those identified in the application and described in Objective One.

Source of Funds – Private Sector

*Use the tab key to advance cells or to add a line.

Name of Company	Amount Anticipated	Amount Received (as of June 30, 2009)

Source of Funds – Non-Private Sector

*Use the tab key to advance cells or to add a line.

Source	Amount Anticipated	Amount Received (as of June 30, 2009)

2. List and describe other funds leveraged which DID NOT qualify as a match due to statutory language, but yet were generated for this project.

Source of Funds – Private Sector

*Use the tab key to advance cells or to add a line.

Name of Company	Amount Anticipated	Amount Received (as of June 30, 2009)

Source of Funds – Non-Private Sector

*Use the tab key to advance cells or to add a line.

Name of Company	Amount Anticipated	Amount Received (as of June 30, 2009)

Total Cash Contributions Anticipated

Total Cash Contributions Received

3. Contributions In Lieu of Cash and In-Kind Contributions

NOTE: Documentation should be attached supporting the valuation of **each** contribution you list below. One option would be to insert a copy of the IRS form they used to declare this contribution.

In-Kind Contributions

*Use the tab key to advance cells or to add a line

This category includes assets allocated for the benefit of the project.

Source	Type	Value	Description	Supporting Documentation Provided

Company Contributions In Lieu of Cash

*Use the tab key to advance cells or to add a line

This category includes cash expended by partners on behalf of the project.

Source	Value	Description	Supporting Documentation Provided

Total In Lieu of Cash and In-Kind Contributions Anticipated

Total In Lieu of Cash and In-Kind Contributions Received

4. Summary

Total Additional Funds Anticipated

Total Additional Funds Received

Objective Three

Public-Private Sector Involvement and Partnerships

1. List private sector partners and provide a brief description of the relationship and/or project.

Private Sector Partner	Description

2. What new companies have resulted from this grant? List the company, industry and whether they are start ups, expansions or recruitments.

Company	Type	Industry

3. What new activities have your partners asked you to do as a result of the COE funding?

Type	Value	Description

4.

Objective Four
Create Employment Opportunities
Within North Dakota

1. **Job Creation – Identify any jobs created as a result of this Center. Be sure to specify the type of jobs created and the source of the information (e.g. Job Service, company records, etc.).**

NOTE: Information reported here should be supported with documentation:

Company	# Jobs	Type	Annual Salary	Source of Numbers
Totals:	0		\$0	

2. **Job Retention – Identify any instances where the Center's efforts have resulted in job retention or maintained business activities by private sector partners.**

NOTE: Information reported here should be supported by a letter or email from the entity experiencing the job retention.

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Objective Five

Promoting Commercialization of New Products and Services

1. Have any new products or services been commercialized as a result of the COE funding?

New Product or Service	Description

2. Describe expectations for any future commercialization resulting from COE funding.

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3. Have there been any new patents resulting from COE funding?

Patent Number	Description

4. Describe expectations for any future patents resulting from COE funding?

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5. List any intellectual property royalties or revenues from private sector partnerships developed for the university as a result of this COE project?

Type of Revenue	Source	Dollar Amount	Description

6. Has there been any increased SBIR/STTR activity as a result of the COE funding? If yes, briefly describe and list dollar amount.

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Objective Six

Increase in R&D from EPSCoR

1. Document any additional EPSCoR funding which resulted from the COE funding.

Grant	Date	Amount

Objective Seven Project Timeline

1. What is the expected timeframe for the end of the project's initial phase, where COE dollars are being spent?

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2. Is the project on time? If not, what factors have changed and how has it affected your timeline?

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Objective Eight

Foster and Practice Entrepreneurship

- 1. Describe any entrepreneurial activity this COE funding has facilitated?**

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Objective Nine

Evidence of Self Sustainability

- 1. Describe the plan in place to sustain Center activity once the initial grant funds have been expended.**

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- 2. How does this compare to the initial plan for sustainability included in the Center's application.**

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Objective Ten

Variations from the Application

1. Describe any substantial variations that have changed the scope, focus, direction, or outcome of this grant either positively or negatively?

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2. Describe any variations that have NOT changed the scope, focus, direction, or outcome of this grant either positively or negatively?

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Objective Eleven
Collaboration with other Institutions
of Higher Education

1. **Describe any collaborative efforts with other Institutions of Higher Education that have resulted from this grant.** Include an explanation of how the collaboration is consistent with the Center's purpose.

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Objective Twelve

Enhancement of the University's Reputation

1. **Describe any enhancement to the reputation of the university as a result of COE? This may include publications and presentations by Center personnel.**

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Objective Thirteen Tracking Expenditures

- 1. Is the project progressing according to the budget? Describe any substantial changes to the budget.**

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- 2. Attach an Itemized Transaction Report which includes all expenditures of COE funds from July 1, 2008 through June 30, 2009.**

Objective Fourteen Accountability & Reporting

- 1. Describe the Center's progress towards the expected major results and associated timeline identified in Section VIII (Accountability and Reporting) of the Center's application.**

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Objective Fifteen

Miscellaneous

1. Use this space to provide additional information (e.g. accomplishments, concerns, etc.) or to provide additional context to information provided earlier in this review.

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Centers of Excellence for Economic Development

