

## **Tri-College University Collaborative Grant Program**

Listing of round one award recipients/projects – 2008

This program is a new initiative starting in 2008

### **Project name**

#### **A Geographical Information System (GIS) on Identifying Sources of Bridge Deterioration in the Fargo/Moorhead Region**

##### **Funding**

TCU grant amount awarded - \$1,000

Total cost of project - \$19,200

##### **Brief description/goals or ability to fill needs:**

The overarching goal of the research project is to identify the major contributing factors that lead to the deterioration of our bridges.

The primary objectives of the research are:

- To provide the critical information on the sources of deterioration of the bridges in Fargo/Moorhead using geographic information systems (GIS).
- To provide design recommendations in order to minimize the identified sources of deterioration so that newly constructed (or repaired) bridges may have longer life spans.

By examining typical sources of deterioration for our bridges, the infrastructure systems in Fargo/Moorhead will be better elucidated. Based on the research results, cost-effective solutions will be proposed so that our municipal governments may save significant dollars from infrastructure maintenance.

Use of the funds will include the training of students at MSUM who are interested in GIS applications on managing out infrastructure.

The researchers believe that this is the first attempt of this kind in the United States.

##### **Project personnel**

Director – Dr. Jimmy Kim – NDSU

Collaborators

Dr. Paul Sando – MSUM

Dr. D.K. Yoon – NDSU

Others

Undergraduate students from MSUM

# **Project name**

Being Multicultural Minded as Multicultural Helpers

## **Funding**

TCU Grant amount awarded - \$1,000

Total cost of project - \$1,229

## **Brief description/goals or ability to fill needs:**

The project goal is to provide a training program that will increase the effectiveness of local counselors, school counselors and mental health practitioners in their work in an increasingly multicultural world. It will also assist and motivate people to be advocates regarding issues pertinent to diversity and develop initiatives to pool campus counseling resources.

It will be offered to all counseling center staff and interested advisors and students at Concordia College, MSUM and NDSU.

National experts who will be our special guests for the program are Drs. Matthew and Grace Mims.

## **Personnel**

Director – Dr. Duane Halbur – MSUM

Collaborator

Dr. Monica Kersting – Concordia College

Dr. Jill Nelson – NDSU

## **Project name**

### **MinnDak: Exploring Emerging Technologies for Instruction**

#### **Funding**

TCU grant amount approved - \$529.55

#### **Brief description or ability to fill needs:**

The project will bring together people in our region that work with emerging technologies to share expertise and ideas. The MinnDak group will offer a social networking environment for communication and collaboration. MinnDak will also offer webinars and workshops on emerging instructional technologies, some of which will be delivered by area experts. One to two national webinars will also be sponsored by this group. Quarterly face-to-face will provide additional networking and collaboration opportunities.

#### **Project Personnel**

Rhonda Ficek, Director of Instructional Technologies, MSUM Moorhead  
Cheryl Thompson, Instructional Services Specialist, ND Interactive Video Network

## **Project name**

**Leadership Assessment Comparability Across our Tri-College University: Assessment Analysis at Concordia College, MSUM and NDSU.**

### **Funding**

TCU grant amount recommended - \$1,000

Total cost of project \$1,000

### **Brief description/goals or ability to fill needs:**

The goal of this project is to review the current state of student leadership assessment on the three campuses and make suggestions for comparability across the Tri-College University campuses. A secondary goal of the team is to publish an article documenting its work.

This project raises awareness of the need to provide for comparable student leadership assessment and would help provide accountability for training across the campuses.

### **Project personnel**

Director - Susan Bornsen – NDSU

Collaborators

Dr, Sheri Erickson – MSUM

Cindy Larson-Casselton – Concordia College

Jean Ostrom-Blonigen – NDSU

**Business sponsors of the program include: Cass County Electric Otter Tail Corporation, State Bank and Trust, Gate City Bank, and Xcel Energy.**

