



A Study of Relationships between the **North Dakota University System** and **North Dakota Tribal Colleges**

January 17, 2011

Submitted by NDUS Chancellor William Goetz

**As required in 2009 HB 1566 sponsored by:
Reps. Kasper, R. Kelsch, L. Meier and
Sens. Flakoll and Wardner**



ACCESS. INNOVATION. EXCELLENCE.

The North Dakota University System Office and the 11 system campuses have had a longstanding relationship with North Dakota's tribal colleges. For many years, the NDUS has worked with state tribal colleges in the administration of the North Dakota Indian Scholarship Program. The State Board of Higher Education has supported significant increases in Indian Scholarship funding over the years and has recommended increased funding in its 2011-13 budget request.

The NDUS also has supported Interactive Video Network sites on state tribal college campuses since the early years of the network and has included these sites in recent network upgrades. The IVN network has fostered communication and cooperation not just between NDUS campuses and tribal colleges, but between tribal colleges themselves.

The SBHE supported implementing the new tribal college funding program in the 2007 Legislative Session. This program provides state support to tribal colleges on a per-student basis in recognition of their service to non-beneficiary (i.e. non-tribal member) students. Tribal colleges receive no federal support for serving non-beneficiary students. This program, which also is administered by the NDUS, was implemented efficiently and successfully and serves as a focal point of communication and coordination between the NDUS and state tribal colleges.

On the academic level, every tribal college in the state has been invited to participate in the NDUS General Education Requirements Transfer Agreement (GERTA), the SBHE policy which requires common lower-division, general-education requirements across the 11 NDUS campuses. The NDUS also has initiated Common Course Numbering (CCN) as a part of the GERTA implementation. CCN does not require all courses to be commonly numbered, but, it requires courses with equivalent content and outcomes to have the same prefix, title and number. More than 60 faculty academic discipline groups meet regularly, often electronically, to maintain the integrity of NDUS CCN. State tribal (and private) college faculty have been invited to participate in the CCN effort. Many tribal college faculty members participate, and some co-chair academic discipline groups. This inclusive effort has been very successful. If a student completes GERTA requirements at a state tribal college, those requirements are considered as met at all 11 NDUS institutions. This serves students well by providing strong support for transfer among and between NDUS institutions and tribal colleges.

In support of GERTA and CCN, the NDUS director of articulation and transfer makes regular visits to state tribal colleges. These visits help to maintain and support the academic connections between campuses and have resulted in the identification of degrees. Dozens of additional courses that may be considered for inclusion in GERTA.

Although GERTA has served students well, current SBHE general education requirements are becoming outdated and are in need of review. The NDUS is supporting a faculty-led effort to

update these requirements. As recommended by the system-wide faculty group, the NDUS successfully applied for participation in the American Association of Colleges and Universities (AAC&U) LEAP general education initiative. Based upon the recommendation of employers, the national LEAP initiative is focused on developing a robust set of essential learning outcomes to prepare students for 21st century challenges. Tribal college faculty actively participate in these discussions. The result of this effort will be a strong partnership between NDUS and tribal colleges in maintaining friction-free transfer of students as we work together toward common expectations to better prepare students for the future.

The Chancellor's Cabinet meets at least annually with state tribal college presidents. Two meetings in 2010 focused on collaboration and relationship building. These meetings have helped to build a peer-to-peer, collegial relationship between NDUS and North Dakota Tribal College Association (NDTCA) presidents and to model the collaborative relationships needed among campus peers at all levels. Many NDUS and NDTCA presidents have made personal visits to other campuses to strengthen these collegial relationships. One of the issues discussed during presidential meetings is the role athletic competition can play in building understanding between campus cultures.

As part of the interactions between system and tribal colleges, tribal college presidents made presentations to the Interim Higher Education Committee during a 2010 meeting at Bismarck State College. Two relatively new types of collaborative activities also have developed. The University of North Dakota and Turtle Mountain Community College are currently involved in a faculty exchange based on support from both campuses and North Dakota EPSCoR. This successful collaboration has led to suggestions for other forms of collaboration between the campuses. Also, North Dakota State University is using grant funding to provide release time to a faculty member who serves as a tribal college liaison.

By focusing on access, innovation and excellence, the State Board of Higher Education has established as its vision on what North Dakota will lead the nation in post-secondary attainment. This goal is not possible unless we provide improved access to underserved populations. The largest underserved population in the state is the Native American population. Tribal colleges provide important geographic access points beyond the reach of the 11 NDUS institutions. Full participation in general education transfer and CCN make it possible for students to transition as seamlessly as possible between state tribal colleges and NDUS institutions. Partnerships with tribal colleges support the SBHE vision.

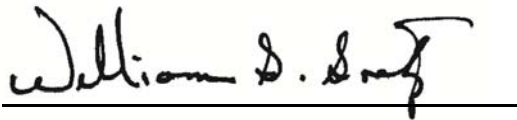
NDUS receipt of the College Access Challenge Grant also has helped to promote relationships between NDUS and tribal colleges. This grant focuses on improving post-secondary access to underserved populations, with a particular focus on Native American populations. Student

access, retention and graduation rates can be improved through better preparation for college and a better understanding of the college application and admission process and timelines.

The state EPSCoR program has engaged the tribal colleges in many activities and has helped to build both the tribal college research infrastructure and the state STEM pipeline, which is important for economic development in the state and in tribal communities. EPSCoR also has supported collegial relationship building so that tribal colleges have a resource to turn to if technical assistance or research equipment is needed.

The NDUS Office and campuses have collegial, growing relationships with state tribal colleges. NDUS and tribal college CEOs meet regularly to shape and monitor these evolving relationships. The wide variety and nature of the collaborative relationships make them hard to characterize and summarize. To gain a better understanding of the nature of the relationships, NDUS and NDTCA staff jointly administered a survey of collaborative initiatives between NDUS and tribal colleges. The tribal college academic deans reviewed and screened more than 100 survey responses to identify the most meaningful partnerships. One-page summaries describing what the tribal college deans consider to be the 40 most meaningful NDUS/NDTCA collaborative partnerships follow.

As chancellor of the North Dakota University System, I look forward to continued growth in the strong relationship between NDUS and state tribal colleges. For all of us, it's all about student success!

A handwritten signature in black ink, reading "William D. Goetz". The signature is written in a cursive style with a horizontal line underneath it.

William Goetz

NDUS/Tribal College Collaboration

Title of Initiative Associate of Arts Degree - Biology

Contact Person Dr. Rich Brauhn, V.P.A.A.

Phone # 701-483-2330

**Tribal Colleges &
NDUS Institution(s)
Involved**

Turtle Mountain Community College & Dickinson State University

**Collaboration
Objectives & Results**

Specific articulation with DSU's Environmental Health B.S. degree

**Number of Faculty,
Staff or Students
Involved**

1. Native American Student Support Specialist
2. Faculty in Natural Sciences department
3. Three students in program

**Source of Funding
(brief description)**

State Allocation

Initial Start/End Dates September 2004 - No end date

**Any Other Comments?
(including barriers
and challenges)**

Students are trained in environmental health to work primarily on Turtle Mountain Reservation or Bureau of Indian Affairs Health Service.

NDUS/Tribal College Collaboration

Title of Initiative Mayville State University Articulation Agreements

Contact Person Keith Stenehjem, VPAA

Phone # 701-788-4755

**Tribal Colleges &
NDUS Institution(s)
Involved**

Cankdeska Cikana Community College (CCCC) articulation with Mayville State Univ. North Dakota Early Childhood Consortium has articulation agreements with all tribal colleges and NDUS institutions with Early Childhood Programs.

**Collaboration
Objectives & Results**

Articulation agreements with CCCC in Early Childhood BA, Elementary Education BSEd, Social Science BA, Business Administration BA and BAS, University Studies BUS.
Articulation agreements for Early Childhood with all tribal colleges.

**Number of Faculty,
Staff or Students
Involved**

Eight students who previously attended CCCC have enrolled in distance bachelor degree programs since articulations were signed (1 grad, 1 student teaching, others currently enrolled).

**Source of Funding
(brief description)**

Self-funded.

Initial Start/End Dates

Agreement was signed between MaSU and CCCC 03-06-08.
Agreement was signed with NDUS institutions (on file with the NDUS Office of Articulation and Transfer).

**Any Other Comments?
(including barriers
and challenges)**

- 1) Preliminary articulation discussions with United Tribes Technical College for Early Childhood.
2) MSU currently has a Native American student who is student teaching at Theodore Jamerson Elementary School located on the campus of United Tribes Technical College.

NDUS/Tribal College Collaboration

Title of Initiative: 2 + 2 program in Criminal Justice	
Contact Person: William Archambeault	Phone #: 858-4364
Tribal Colleges & NDUS Institution(s) Involved	Fort Berthold Community College Turtle Mountain Community College United Tribes Technical College Minot State University
Collaboration Objectives and Results	Offer criminal justice courses through IVN/on-line or on site (Bismarck) to CJ majors at the three tribal colleges.
Number of Faculty, Staff or Students Involved	3 faculty student numbers vary but show increases each semester
Sources of Funding (brief description)	
Initial Start/End Dates	Summer 2007 - Ongoing
Any Other Comments (including barriers and challenges)	IVN equipped rooms at all campuses (including MSU) are not adequate to meet the demands placed on them

NDUS/Tribal College Collaboration

Title of Initiative Seminars in Business Planning and Personal Financial Planning

Contact Person JoAnn Linrud, Dean, CoB, MiSU

Phone # 701-858-3110

**Tribal Colleges &
NDUS Institution(s)
Involved**

Fort Berthold Community College and Minot State University

**Collaboration
Objectives & Results**

Objectives: to provide seminars for individuals at Fort Berthold Community College and area on the topics of Business Planning and Personal Financial Planning.
Results: the seminars are still in process; discussions about financing and logistical arrangements are still in process.

**Number of Faculty,
Staff or Students
Involved**

Anticipated 16 seminar sessions, to be taught by a smaller number of MiSU College of Business faculty members (4-5), to approximately 25 FBBC students and area residents.

**Source of Funding
(brief description)**

Not established.

Initial Start/End Dates

Not established.

**Any Other Comments?
(including barriers
and challenges)**

NDUS/Tribal College Collaboration

Title of Initiative: Transfer student process refinement	
Contact Person: JoAnn Linrud - MiSU	Phone #: 701-858-3110
Tribal Colleges & NDUS Institution(s) Involved	United Tribes Technical College - Carol Anderson, Bus. Coord., UTTC Minot State University
Collaboration Objectives and Results	<p>Objective: to enable student transfers from UTTC to MiSU to do so more smoothly and develop greater understanding of tribal cultures among MiSU faculty and staff. Two activities were planned: (1) MSU would host an open house or bring critical functional area personnel (advising, financial aid, etc.) to UTTC to meet students and explain processes; (2) a representative from UTTC would hold a seminar at MiSU on Native American historical approaches to education and current educational philosophies and practices.</p> <p>Results: open house was held for UTTC students at MiSU during the spring Pow Wow, 2009; no UTTC students attended. The seminar was not held.</p>
Number of Faculty, Staff or Students Involved	MiSU staff: approximately 10.
Sources of Funding (brief description)	N/A
Initial Start/End Dates	
Any Other Comments (including barriers and challenges)	

NDUS/Tribal College Collaboration

Title of Initiative: College of Education & HS	
Contact Person: Neil Nordquist	Phone #: 858-3150
Tribal Colleges & NDUS Institution(s) Involved	Fort Berthold Community College Turtle Mountain Community College United Tribes Technical College Minot State University
Collaboration Objectives and Results	Offer Social Work 499 to FBCC through IVN. Worked on offering various other programs (Teacher education with UTTC; Addiction Studies/Social Work with TMCC) but nothing has been finalized. Assisted FBCC in their efforts to obtain NCATE accreditation.
Number of Faculty, Staff or Students Involved	3 faculty student numbers vary but show increases each semester
Sources of Funding (brief description)	
Initial Start/End Dates	Summer 2007 - Ongoing
Any Other Comments (including barriers and challenges)	

NDUS/Tribal College Collaboration

Title of Initiative Support services for American Indian students attending college

Contact Person Wylie Hammond

Phone # 701-858-3365

**Tribal Colleges &
NDUS Institution(s)
Involved**

Minot State University and United Tribes Technical College

**Collaboration
Objectives & Results**

At the ND Higher Ed Resource Organization for Students fall conference, American Indian educators and participants were provided information on student support services available when attending college.

**Number of Faculty,
Staff or Students
Involved**

MSU - 1
UTTC - 5
Participants - 59

**Source of Funding
(brief description)**

H.E.R.O.S. participant registration fees.

Initial Start/End Dates

September 2009

**Any Other Comments?
(including barriers
and challenges)**

Challenge will be to expand interest and participation

NDUS/Tribal College Collaboration

Title of Initiative North Dakota INBRE

Contact Person Chris Beachy/Kerry Hartman

Phone # 858-3164/627-4738

**Tribal Colleges &
NDUS Institution(s)
Involved**

Fort Berthold Community College
Minot State University

**Collaboration
Objectives & Results**

Provide increased biomedical research opportunities for underrepresented groups with interest in pursuing biomedical careers

**Number of Faculty,
Staff or Students
Involved**

6 faculty
12 students

**Source of Funding
(brief description)**

ND INBRE is a program of the National Center for Research Resources, National Institutes of Health. This program is part of Institutional Development Award program and is designed to bring NIH funds to states traditionally underfunded by NIH

Initial Start/End Dates May 2005 - May 2014

**Any Other Comments?
(including barriers
and challenges)**

NDUS/Tribal College Collaboration

Title of Initiative Native American Studies

Contact Person Harry Hoffman

Phone # 701-858-3284

**Tribal Colleges &
NDUS Institution(s)
Involved**

Minot State University and Fort Berthold Community College

**Collaboration
Objectives & Results**

Establish a Native American studies major degree program with faculty and staff exchanges between the two institutions
Stage I complete and Stage II in progress

**Number of Faculty,
Staff or Students
Involved**

MSU - Committee comprised of faculty, staff, students and the Academic VP
FBCC - faculty and administration

**Source of Funding
(brief description)**

MSU Academic Affairs office budget

Initial Start/End Dates

Stage 1 complete fall 2009; still completing application to submit for further approval

**Any Other Comments?
(including barriers
and challenges)**

NDUS/Tribal College Collaboration

Title of Initiative Native American Awareness Week

Contact Person Wylie Hammond

Phone # 701-858-3365

Tribal Colleges & NDUS Institution(s) Involved

Minot State University and Turtle Mountain Community College

Collaboration Objectives & Results

Provide an awareness of Native American people and culture to students, faculty, staff, and the general public

Number of Faculty, Staff or Students Involved

MSU - 10
TMCC - 2
Participants - 126

Source of Funding (brief description)

MSU Multicultural Activities General Fund which is funded through students activity fees

Initial Start/End Dates

November 2009

Any Other Comments? (including barriers and challenges)

NDUS/Tribal College Collaboration

Title of Initiative: Establishing Amphibian Population levels	
Contact Person: Chris Beachy/Kerry Hartman/Scott Hanson	Phone #: 858-3164/627-4738/550-0771
Tribal Colleges & NDUS Institution(s) Involved	Fort Berthold Community College Turtle Mountain Community College Minot State University
Collaboration Objectives and Results	Provide field biology research opportunities for undergraduate students and develop liason between ND Game & Fish Department and reservations.
Number of Faculty, Staff or Students Involved	3 faculty 10 students
Sources of Funding (brief description)	Funded by non-game program of the ND Game & Fish Department
Initial Start/End Dates	May 2008 - August 2010
Any Other Comments (including barriers and challenges)	

NDUS/Tribal College Collaboration

Title of Initiative Mandan Language & Oral Traditions Preservation Project

Contact Person Joseph Jastrzembski

Phone # 701-858-3322

**Tribal Colleges &
NDUS Institution(s)
Involved**

Minot State University and Fort Berthold Community College

**Collaboration
Objectives & Results**

Focus on the development of Mandan language/culture teaching materials, drawing on previously developed materials from the Mandan Language and Oral Traditions Preservation Project. Have received cost estimates on the development of DVD.

**Number of Faculty,
Staff or Students
Involved**

MSU - 1
FBCC - Alyce Spotted Bear

**Source of Funding
(brief description)**

Possible NSF funding

Initial Start/End Dates Spring 2009 - ongoing

**Any Other Comments?
(including barriers
and challenges)**

It is hoped that NSF funding or other sources can be used to prepare the DVD materials

NDUS/Tribal College Collaboration

Title of Initiative	Alternative Energy consulting		
Contact Person	Dr. Robert Pieri, NDSU Tribal College Liaison Coordinator	Phone #	701-231-8673
Tribal Colleges & NDUS Institution(s) Involved	Turtle Mountain Community College, Sitting Bull College, Candeska Cikana College, NDSU (Tribal College liaison partnership program)		
Collaboration Objectives & Results	NDSU provides technical advice to administrators and boards on operations to reduce Tribal College energy expenses		
Number of Faculty, Staff or Students Involved	1 NDSU Faculty, 6 Tribal College faculty, 6 tribal college staff		
Source of Funding (brief description)	NDSU (Tribal College liaison partnership program)		
Initial Start/End Dates	March 2004, On-going		
Any Other Comments? (including barriers and challenges)			

NDUS/Tribal College Collaboration

Title of Initiative	Commercial Green House Opportunities		
Contact Person	Dr. Chiwon Lee, NDSU Professor	Phone #	701-231-8062
Tribal Colleges & NDUS Institution(s) Involved	All 5 ND Tribal Colleges, NDSU Extension, and NDSU		
Collaboration Objectives & Results	State extension "Plan of Work". Improve extension connectivity between Tribal College programs in Nutrition Education, Natural Resource Management, Horticulture, and 4-H Expansion. One example of this is for extension to assist tribal areas in using existing published materials rather than creating others.		
Number of Faculty, Staff or Students Involved	1 NDSU Faculty, NDSU Extension faculty and agents near tribal communities		
Source of Funding (brief description)	USDA and State Agriculture and NDSU Extension programs		
Initial Start/End Dates	October 2009, On-going		
Any Other Comments? (including barriers and challenges)	Most of the program is communication and information.		

NDUS/Tribal College Collaboration

Title of Initiative	Dakota Studies Symposium		
Contact Person	Dr. Clifford Canku, NDSU Assistant Professor	Phone #	701-231-7176
Tribal Colleges & NDUS Institution(s) Involved	Sitting Bull College, Sisseton Wahpeton College, Candeska Cikana Community College, and NDSU		
Collaboration Objectives & Results	Conduct a networking opportunity for Dakota Studies professors at the universities and Dakota Tribal Colleges. Inform NDSU students of the Dakota culture and language.		
Number of Faculty, Staff or Students Involved	1 NDSU Faculty and 1 NDSU Administrator		
Source of Funding (brief description)	Candeska Cikana Community College		
Initial Start/End Dates	Fall 2009, On-going		
Any Other Comments? (including barriers and challenges)			

NDUS/Tribal College Collaboration

Title of Initiative	EPSCoR Tribal College Liaison Program	
Contact Person	Dr. Carol Davis, EPSCoR, Tribal College Program Liaison Manager	Phone # 701-477-3053
Tribal Colleges & NDUS Institution(s) Involved	All 5 ND Tribal Colleges, UND, and NDSU	
Collaboration Objectives & Results	Facilitating communication in order to build a pathway for American Indian students in the pursuit of careers related to STEM.	
Number of Faculty, Staff or Students Involved	2 NDSU administrators	
Source of Funding (brief description)	NDSU EPSCoR	
Initial Start/End Dates	On-going program	
Any Other Comments? (including barriers and challenges)		

NDUS/Tribal College Collaboration

Title of Initiative	Equine Studies Courses		
Contact Person	Various NDSU Professors	Phone #	
Tribal Colleges & NDUS Institution(s) Involved	Cankdeska Cikana and Turtle Mountain Community Colleges		
Collaboration Objectives & Results	NDSU offered courses over the Interactive Video Network to assist the Tribal Colleges with offering a degree program in equine studies to Tribal College students. Tribal College students received their degrees from the Tribal College where they were enrolled.		
Number of Faculty, Staff or Students Involved	This is an on-going program. Turtle Mountain Community College is inquiring with NDSU about offering continued horse training classes for community members and Tribal College students.		
Source of Funding (brief description)	NDSU and the Tribal Colleges		
Initial Start/End Dates	2005 to present		
Any Other Comments? (including barriers and challenges)			

NDUS/Tribal College Collaboration

Title of Initiative	FBCC Natural Resources Curriculum Advisor		
Contact Person	Dr. Robert Pieri, NDSU Tribal College Liaison Coordinator	Phone #	701-231-8673
Tribal Colleges & NDUS Institution(s) Involved	NDSU -- Ft. Berthold Community College (FBCC)		
Collaboration Objectives & Results	Aid FBCC and establishment of a natural resource curriculum		
Number of Faculty, Staff or Students Involved	1 NDSU faculty 2 FBCC faculty		
Source of Funding (brief description)	NDSU cooperative partnership program		
Initial Start/End Dates	October 2009 -- ongoing		
Any Other Comments? (including barriers and challenges)			

NDUS/Tribal College Collaboration

Title of Initiative	Global Climate Change Education		
Contact Person	Dr. Robert Pieri, NDSU Tribal College Liaison Coordinator	Phone #	701-231-8673
Tribal Colleges & NDUS Institution(s) Involved	ND Association of Tribal Colleges and NDSU		
Collaboration Objectives & Results	Aid Tribal Colleges in effectively using their GIS and GPS capabilities in support of NASA grant.		
Number of Faculty, Staff or Students Involved	1 NDSU Faculty, 1 NDSU staff, 6 Tribal College faculty, 5 Tribal College staff, and 1ND Association of Tribal Colleges staff member		
Source of Funding (brief description)	NASA and NDSU		
Initial Start/End Dates	October 2009		
Any Other Comments? (including barriers and challenges)			

NDUS/Tribal College Collaboration

Title of Initiative	Landscape Architecture Community Planning Workshop		
Contact Person	Catherine A. Wiley, NDSU Assistant Professor	Phone #	701-231-7809
Tribal Colleges & NDUS Institution(s) Involved	Fort Berthold Community College and NDSU		
Collaboration Objectives & Results	<p>Conduct a workshop to discuss tourism day trips and expanding additional things to see and do on the Fort Berthold Reservation. The students have identified points of interest to string together three daytrips for visitors based on the scenic beauty of the reservation together with the rich social and cultural capital of the tribe. The three daytrips will connect visitors from New Town, North Dakota to the Mandan community of Twin Buttes, the Hidatsa community of Mandaree and the Arikara community of White Shield. The students will also propose ideas for additional tourism developments that might act as an extension of tribal culture and values, such as an International Bison Center, Arikara Scout Camp, and North Dakota Raptor Rescue and Rehabilitation center.</p>		
Number of Faculty, Staff or Students Involved	2 NDSU faculty and 10 NDSU staff		
Source of Funding (brief description)	NDSU		
Initial Start/End Dates	Fall 2009		
Any Other Comments? (including barriers and challenges)			

NDUS/Tribal College Collaboration

Title of Initiative	Landscape Architecture Student consultation		
Contact Person	Dr. Jim Clark, NDSU Assistant Professor (left in 2008)	Phone #	701-231-6151
Tribal Colleges & NDUS Institution(s) Involved	United Tribes Technical College (UTTC) and NDSU		
Collaboration Objectives & Results	NDSU Students from Landscape Architecture and their professor traveled to UTTC and consulted with the Tribal College about ways in which to conduct landscaping on campus.		
Number of Faculty, Staff or Students Involved	1 NDSU Faculty and 3 NDSU students		
Source of Funding (brief description)	NDSU		
Initial Start/End Dates	Fall 2007		
Any Other Comments? (including barriers and challenges)			

NDUS/Tribal College Collaboration

Title of Initiative	Native American Athletes		
Contact Person	Dr. Robert Pieri, NDSU Tribal College Liaison Coordinator	Phone #	701-231-8673
Tribal Colleges & NDUS Institution(s) Involved	NDSU -- Ft. Berthold Community College		
Collaboration Objectives & Results	Coordinate transition of students to academic programs at NDSU		
Number of Faculty, Staff or Students Involved	1 faculty at NDSU		
Source of Funding (brief description)	NDSU cooperative partnership program		
Initial Start/End Dates	October 2008 -- ongoing		
Any Other Comments? (including barriers and challenges)			

NDUS/Tribal College Collaboration

Title of Initiative	Natural Beef Production and Range Land Restoration		
Contact Person	Dr. Robert Maddock, NDSU Associate Professor	Phone #	701-231-8975
Tribal Colleges & NDUS Institution(s) Involved	Sitting Bull College, NDSU Extension, NDSU Animal Sciences Dept. and NDSU		
Collaboration Objectives & Results	Initial discussions to cover opportunities for beef production using natural methods and improvement of range land for those animals.		
Number of Faculty, Staff or Students Involved	4 NDSU Faculty, 3 Tribal College faculty, 2 Tribal college students, and 3 ND Extension agents		
Source of Funding (brief description)	USDA		
Initial Start/End Dates	August 2008, Ongoing		
Any Other Comments? (including barriers and challenges)	Program in very beginning planning stages		

NDUS/Tribal College Collaboration

Title of Initiative	NDSU American Indian Science and Engineering Society Chapter		
Contact Person	Christopher Peltier, NDSU Student	Phone #	701-231-1029
Tribal Colleges & NDUS Institution(s) Involved	All 5 ND Tribal Colleges and NDSU		
Collaboration Objectives & Results	Organize an American Indian Science and Engineering Society (AISES) regional conference and invite tribal college Native American students to inform them of higher education opportunities in the Science and Engineering areas, invite 4 year degree seeking Native American science majors in the regional area to introduce them to industry leaders in their potential career fields. Provide support to Native American students in higher education.		
Number of Faculty, Staff or Students Involved	4 NDSU Faculty, 3 NDSU administrators, 8 NDSU students, potentially 100 regional student participants at the conference.		
Source of Funding (brief description)	NDSU and seeking financial support from regional industries		
Initial Start/End Dates	Conference dates: March 26-27, 2010		
Any Other Comments? (including barriers and challenges)			

NDUS/Tribal College Collaboration

Title of Initiative	ND Extension Tribal College Outreach		
Contact Person	Dr. Robert Pieri, NDSU Tribal College Liaison Coordinator	Phone #	701-231-8673
Tribal Colleges & NDUS Institution(s) Involved	NDSU -- all tribal colleges		
Collaboration Objectives & Results	Enhance cooperation between tribal colleges and programs with resources available through extension service, includes horizons program, 4-H, extension specialists, and county extension agents.		
Number of Faculty, Staff or Students Involved	1 faculty at NDSU -- 1 or 2 extension agents/specialist 1 or 2 faculty at each Tribal College		
Source of Funding (brief description)	NDSU cooperative partnership program -- ND Extension Service		
Initial Start/End Dates	October 2008 -- ongoing		
Any Other Comments? (including barriers and challenges)			

NDUS/Tribal College Collaboration

Title of Initiative	NDSU Native American Garden Project	
Contact Person	Jaclynn Davis Walette, Assistant Vice-President of Equity, Diversity, and Global Outreach	Phone # 701-231-7314
Tribal Colleges & NDUS Institution(s) Involved	All 5 ND Tribal Colleges and NDSU	
Collaboration Objectives & Results	Create a Native American Garden on the NDSU campus which promotes and celebrates Native American agriculture and students	
Number of Faculty, Staff or Students Involved	3 NDSU administrators, 6 Tribal College faculty/staff, 2 NDSU students, 3 NDSU faculty, 5 NDSU staff and 1 NDSU Extension staff	
Source of Funding (brief description)	NDSU and NDSU Extension	
Initial Start/End Dates	June 2009, On-going	
Any Other Comments? (including barriers and challenges)	Dedication occurred on June 1, 2009	

NDUS/Tribal College Collaboration

Title of Initiative	Network Assessment		
Contact Person	Bonnie Neas, NDSU Vice President Information and Technology	Phone #	
Tribal Colleges & NDUS Institution(s) Involved	All 5 ND Tribal Colleges -- NDSU		
Collaboration Objectives & Results	Conduct a survey on the connectivity potential at each college by looking at hardware and software available at Tribal Colleges.		
Number of Faculty, Staff or Students Involved	1 faculty -- 2 staff NDSU -- 1 staff NDUS 1 to 2 staff at each tribal college		
Source of Funding (brief description)	NDSU/NDUS		
Initial Start/End Dates	Mid-May 2009 -- ongoing		
Any Other Comments? (including barriers and challenges)			

NDUS/Tribal College Collaboration

Title of Initiative	NSF Proposals (four)		
Contact Person	Dr. Robert Pieri, NDSU Tribal College Liaison Coordinator	Phone #	701-231-8673
Tribal Colleges & NDUS Institution(s) Involved	NDSU -- Ft. Berthold community college, Cankdeska Cikana Community College, Sitting Bull College, Turtle Mountain Community College		
Collaboration Objectives & Results	FBCC -- help write equipment proposal for air sampling station CCCC -- collaborated on initial TCUP grant All ND tribal colleges-- write NSF proposal for 10-501 RFP All ND tribal colleges --write NSF proposal emerging frontiers in research and innovation/RESTORE		
Number of Faculty, Staff or Students Involved	1 faculty at NDSU 1 faculty at each tribal college for each proposal		
Source of Funding (brief description)	NDSU cooperative partnership program		
Initial Start/End Dates	January 2009 -- ongoing		
Any Other Comments? (including barriers and challenges)			

NDUS/Tribal College Collaboration

Title of Initiative	Nurturing American Tribal Undergraduate Research and Education (NATURE) Summer Camps	
Contact Person	Dr. Robert Pieri, NDSU Tribal College Liaison Coordinator	Phone # 701-231-8673
Tribal Colleges & NDUS Institution(s) Involved	All 5 ND Tribal Colleges and NDSU	
Collaboration Objectives & Results	Develop a pipeline of Native American students in STEM majors by visiting Fargo campus and participating in research with NDSU faculty.	
Number of Faculty, Staff or Students Involved	12 NDSU Faculty, 6 Tribal College faculty, 6 tribal high school teachers, 15 Tribal College students and 10 NDSU students	
Source of Funding (brief description)	NDSU EPSCoR	
Initial Start/End Dates	Summer, 1998, On Going	
Any Other Comments? (including barriers and challenges)	Resulting in several Native American students enrolling in NDSU and other state colleges	

NDUS/Tribal College Collaboration

Title of Initiative	Nurturing American Tribal Undergraduate Research and Education (NATURE) Sunday Academy	
Contact Person	Dr. Chad Ulven, NDSU Assistant Professor	Phone # 701-231-5641
Tribal Colleges & NDUS Institution(s) Involved	All 5 ND Tribal Colleges and NDSU	
Collaboration Objectives & Results	Develop a pipeline of Native American students in STEM majors by visiting Fargo Campus and participating in research with NDSU faculty by visiting Tribal Colleges and high schools and special Sunday classes held at Tribal Colleges.	
Number of Faculty, Staff or Students Involved	7 NDSU Faculty, 10 Tribal College faculty, 15 NDSU students and 75 tribal high school students	
Source of Funding (brief description)	NDSU EPSCoR	
Initial Start/End Dates	Summer 1998, On Going	
Any Other Comments? (including barriers and challenges)	Resulting in several Native American students enrolling in NDSU and other state colleges	

NDUS/Tribal College Collaboration

Title of Initiative	Ojibwe Culture Class – Tri-college		
Contact Person	Jaclynn Davis Walette, Assistant Vice-President of Equity, Diversity, and Global Outreach	Phone #	701-231-7314 (218) 935-2711
Tribal Colleges & NDUS Institution(s) Involved	NDSU, MSUM and all ND tribal colleges		
Collaboration Objectives & Results	Instructor informs class participants of Tribal Colleges, their purpose, and their issues. Invite tribal college representatives to visit class.		
Number of Faculty, Staff or Students Involved	1 NDSU administrator, 1 tribal college representative and 20-25 tri-college students per semester.		
Source of Funding (brief description)	Minnesota State University Moorhead		
Initial Start/End Dates	Spring Semester Annually, on-going		
Any Other Comments? (including barriers and challenges)			

NDUS/Tribal College Collaboration

Title of Initiative	Pre-engineering Introductory Course	
Contact Person	Dr. Robert Pieri, NDSU Tribal College Liaison Coordinator	Phone # 701-231-8673
Tribal Colleges & NDUS Institution(s) Involved	Ft. Berthold community college -- NDSU	
Collaboration Objectives & Results	Provide an introductory course on engineering to the tribal community	
Number of Faculty, Staff or Students Involved	1 faculty at NDSU 1 faculty at Ft. Berthold community college	
Source of Funding (brief description)	NDSU cooperative partnership program	
Initial Start/End Dates	Fall semester 2009	
Any Other Comments? (including barriers and challenges)		

NDUS/Tribal College Collaboration

Title of Initiative	Partners Investing in Nursing (PIN)		
Contact Person	Loretta Heuer, NDSU Associate Dean	Phone #	701-231-7772
Tribal Colleges & NDUS Institution(s) Involved	NDSU -- all ND tribal colleges		
Collaboration Objectives & Results	Coordinate cooperation between the department of nursing in nursing programs and Tribal Colleges		
Number of Faculty, Staff or Students Involved	3 faculty at NDSU -- 1 to 2 faculty at each tribal college		
Source of Funding (brief description)	NDSU cooperative partnership program		
Initial Start/End Dates	October 2009 -- ongoing		
Any Other Comments? (including barriers and challenges)			

NDUS/Tribal College Collaboration

Title of Initiative	Wind Energy Development		
Contact Person	Dr. Sumathy Krishnan, NDSU Associate Professor	Phone #	701-231-7139
Tribal Colleges & NDUS Institution(s) Involved	Sitting Bull College, NDSU, Mechanical Engineering Department		
Collaboration Objectives & Results	Advise administration and board at Sitting Bull College on effectiveness of wind turbine/alternative energy sources to reduce energy		
Number of Faculty, Staff or Students Involved	2 NDSU Faculty, 2 Tribal College faculty and 4 Tribal College staff		
Source of Funding (brief description)	NDSU (Tribal College liaison Partnership program)		
Initial Start/End Dates	October 2009, On-going		
Any Other Comments? (including barriers and challenges)			

NDUS/Tribal College Collaboration

Title of Initiative: The Native American Freshman Research Experience	
Contact Person: Wayne Seames, Director of SUNRISE	Phone #: 701-777-2958
Tribal Colleges & NDUS Institution(s) Involved	All seven ND associated tribal colleges are eligible to participate. To date, students have participated from United Tribes Technical College, Sitting Bull College, and Cankdeska Cikana Community College. NDSU institutions are UND and NDSU.
Collaboration Objectives and Results	Under this program tribal college freshman and high school graduates come to UND or NDSU for a 1, 2, 3, or 4 week period and work directly with a faculty mentor on the initial stages of a simple research project. The objectives are 1) to introduce students to the larger academic and living communities associated with UND and NDSU, 2) give students motivation for science and engineering through participation in meaningful research related to sustainable energy, 3) to establish a mentor relationship between the participant and a faculty member that can ease the transition from the tribal schools to a research university, and 4) to give associated STEM teachers exposure to this same experience to assist them in advising students within the tribal college.
Number of Faculty, Staff or Students Involved	In the summer of 2009, 9 faculty mentors at UND/NDSU and 2 staff, with assistance from the UND American Indian Student Center worked with 17 tribal students and 2 teachers. This was the third year of the program.
Sources of Funding (brief description)	Funding is provided multiple grants awarded to ND SUNRISE. The primary funding in 2009 was the Department of Energy's North Dakota EPSCoR Infrastructure Improvement Grant.
Initial Start/End Dates	The program began in the summer of 2007 and will continue indefinitely as long as funding can be obtained and the program is useful. Currently funding is available through at least 2011.
Any Other Comments (including barriers and challenges)	The program is administered on behalf of UND and NDSU by the Sustainable Energy Research Initiative and Supporting Education (SUNRISE) program but is open to any STEM-related participants at the two research universities. This program is organized under the leadership of Dr. Julia Zhao, Associate Professor at UND. NDSU activities are organized by Dr. Uwe Burghaus, Associate Professor

NDUS/Tribal College Collaboration

Title of Initiative: North Dakota View	
Contact Person: Dr/ Brad Rundquist, UND	Phone #: 777-4589
Tribal Colleges & NDUS Institution(s) Involved	<p>Turtle Mountain Community College Sitting Bull College United Tribes Technical College University of North Dakota North Dakota State University Bismarck State University Dickinson State University Mayville State University Valley City State University Williston State College</p>
Collaboration Objectives and Results	<p>NorthDakotaView, led by the University of North Dakota in Grand Forks, is a member of the AmericaView Consortium, funded by the U.S. Geological Survey, and is dedicated to promoting remote sensing and geospatial technologies within North Dakota. The emphasis is on establishing and assisting with education and training curricula within colleges and universities throughout the state and enhancing technology transfer, applied research efforts, and workforce training. The mission of NorthDakotaView is to support the successful acquisition and use of remotely sensed data and geospatial technologies at minimal to no cost for training, education, and applied research within North Dakota's higher education institutions and bring these technologies into the hands of the public.</p>
Number of Faculty, Staff or Students Involved	<p>Direct involvement: 2 faculty at UND, 1 each at each of the other NDUS schools involved, 1 each at each of the tribal colleges involved.</p>
Sources of Funding (brief description)	<p>U.S. Geological Survey through AmericaView Inc. Dr. Rundquist at UND is the PI.</p>
Initial Start/ End Dates	<p>Started in 2005 and is on-going, funding has been on the decline across the national consortium (about \$90,000 in 2005 to about \$24,000 for 2009).</p>
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NDUS/Tribal College Collaboration

Title of Initiative: Turtle Mountain Field Station	
Contact Person: Dr. Brad Rundquist, UND	Phone #: 777-4589
Tribal Colleges & NDUS Institution(s) Involved	Turtle Mountain Community College University of North Dakota
Collaboration Objectives and Results	Faculty at TMCC and UND are collaborating to develop the Turtle Mountain Field Station (TMFS). The TMFS brings together Native American college students, tribal community educators, rural secondary school teachers, rural secondary school computer technicians, and faculty, staff, and graduate students at UND. The TMFS provides a strong foundation for a geospatial technology program that will enhance STEM disciplines at TMCC. This is being accomplished through the development of Geographic Information System (GIS), Global Positioning System (GPS) and remote sensing curriculum for integration into TMCC's STEM discipline and other courses, including agriculture, forestry, life sciences, environmental public health, and Native American studies. TMFS is also providing summer internship opportunities for TMCC students to work with UND faculty and graduate students on research projects involving geospatial technology. Finally, hands-on workshops for secondary school educators and computer technicians are scheduled.
Number of Faculty, Staff or Students Involved	Direct involvement: 1 faculty at UND, 1 GTA at UND, 1 staff at TMCC
Sources of Funding (brief description)	NSF Advanced Technological Education (ATE) program. Two-year grant for \$150,000. TMCC is prime and UND is a sub-contract. However, Dr. Rundquist at UND is the PI.
Initial Start/End Dates	August 15, 2008 to July 31, 2010
Any Other Comments (including barriers	

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NDUS/Tribal College Collaboration

Title of Initiative: Community-University Forum at Cankdeska Cikana Community College	
Contact Person: Lana Rakow, UND Center for Community Engagement	Phone #: 701.777.2287
Tribal Colleges & NDUS Institution(s) Involved	Cankdeska Cikana Community College, Spirit Lake, and the University of North Dakota
Collaboration Objectives and Results	This is the third annual community-university forum sponsored by the UND Center for Community Engagement, to be held April 24, 2010 at Cankdeska Cikana Community College. (The first was in Grand Forks, the second in Rugby.)The purpose of the forum is to connect UND faculty, staff, and students with North Dakota residents and communities, facilitating partnerships and collaborative projects. The forum at CCCC will bring UND together with the students, faculty, and staff of that institution and with North Dakotans from around the state. The theme of this forum is "Finding Common Cultural Ground." New partnerships between CCCC and UND are anticipated as a result of the forum.
Number of Faculty, Staff or Students Involved	About 50 UND faculty, students, and staff are expected to attend (we will take a bus). We anticipate about 150 people total, from UND, CCCC, the Spirit Lake and Devils Lake area, and from across North Dakota.
Sources of Funding (brief description)	The total budget for the forum is about \$5000. About \$2500 will be paid from internal UND funding to the Center for Community Engagement, CCCC will be picking up some expenses, and the rest will be solicited from sponsors.
Initial Start/End Dates	Planning began after last year's forum last April and follow-up with continue for at least six months after the forum to be held April 24, 2010. Partnerships and collaborations arising from the forum may continue indefinitely.
Any Other Comments (including barriers and challenges)	Cynthia Lindquist, president of Cankdeska Cikana Community College, serves on the community advisory board of the UND Center for Community Engagement. Her relationship to the Center has been important for developing rapport with CCCC and for her offer to host the forum. UND faculty, students, and staff are eager to

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NDUS/Tribal College Collaboration

Title of Initiative:	
Contact Person: Julie Trainor, Director	Phone #:
Tribal Colleges & NDUS Institution(s) Involved	Fort Berthold Community College, Williston State College, Lake Region State College, Dakota Nursing Program
Collaboration Objectives and Results	
Number of Faculty, Staff or Students Involved	
Sources of Funding (brief description)	
Initial Start/ End Dates	
Any Other Comments (including barriers and challenges)	

NDUS/Tribal College Collaboration

Title of Initiative: IT Collaborative Agreement	
Contact Person: Wanda Meyer, Associate Dean/Academic Affairs	Phone #: 701-774-4231
Tribal Colleges & NDUS Institution(s) Involved	Turtle Mountain Community College, Lake Region State College, Dakota College at Bottineau and Williston State College
Collaboration Objectives and Results	
Number of Faculty, Staff or Students Involved	
Sources of Funding (brief description)	
Initial Start/End Dates	
Any Other Comments (including barriers and challenges)	

NDUS/Tribal College Collaboration

Title of Initiative:	
Contact Person: Wanda Meyer, Associate Dean/Academic Affairs	Phone #: 701-774-4231
Tribal Colleges & NDUS Institution(s) Involved	Fort Peck Community College, MT and Williston State College
Collaboration Objectives and Results	
Number of Faculty, Staff or Students Involved	
Sources of Funding (brief description)	
Initial Start/End Dates	
Any Other Comments (including barriers and challenges)	