ARRA Direct Grants

North Dakota entities have received grant awards of approximately $662.4 million through June 30, 2010. During the quarter ended June 30, 2010, 3,392.42 jobs throughout the state were funded with ARRA grant dollars.

As reported to the Budget Section in June 2010, awards through March 31, 2010 were $631 million, while 2,297.02 jobs were funded during that quarter.

Recipient Type	Award Amount	Federal Funds Received	Jobs Funded with ARRA dollars
Airport	$ 8,633,411	$ 3,848,128	17.01
City	24,761,139	6,493,802	47.25
County	7,055,281	426,890	24.61
Fire	84,570	0	0
Housing	3,751,133	2,839,466	12.97
Nonprofit	10,764,516	2,353,447	28.36
Private	8,014,426	793,893	10.40
School	32,689,856	6,060,330	103.22
State	494,894,415	244,703,374	2,916.56
Tribe	35,088,942	18,532,241	215.07
Water	36,695,000	1,448,227	16.97
Total	**$ 662,432,689**	**$ 287,499,798**	**3,392.42**

Grant awards to political subdivisions (including cities, counties, airport authorities, fire districts, housing authorities, schools and water districts) comprise 17.2% of total awards, while 6.5% of the jobs funded occurred in these groups.

The attached document provides specific information for each award, as provided by the award recipient and reported on www.recovery.gov.

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
GRAND FORKS REGIONAL AIRPORT AUTHORITY	Airport	Construct Terminal Building, Phase II (Terminal Apron, Access Road, Utilities, and Site Work).	$ 4,459,615	3.01	$ 3,414,058
WAHPETON AIRPORT AUTHORITY	Airport	Airport Development - Runway 15-33 is in need of improvement to reconstruct pavement to reconstruct pavement, upgrade the lighting system, and provide better airfield drainage.	$ 4,173,796	14.00	$ 434,070
BISMARCK, CITY OF	City	Equipment, supplies and technology acquistion.	$ 303,585	0.00	$ 253,576
BOWDON, CITY OF	City	Grant is for the replacement of water distribution and sanitary sewage collection mains in the city of Bowdon.	$ 1,493,000	0.00	$ -
CANDO, CITY OF	City	'The COPS Hiring Recovery Program (CHRP) provides funding directly to law enforcement agencies to hire and/or rehire career law enforcement officers in an effort to create and preserve jobs, and to increase their community policing capacity and crime prevention efforts.'	$ 122,680	1.00	$ 12,847
CITY OF BISMARCK	City	The COPS Hiring Recovery Program (CHRP) provides funding directly to law enforcement agencies to hire and/or rehire career law enforcement officers in an effort to create and preserve jobs, and to increase their community policing capacity and crime prevention efforts.	$ 598,575	1.30	$ 32,313
CITY OF BISMARCK	City	Invest in the public transportation by purchasing new fixed-route buses, para-transit buses, transit support vehicle, and rehabilitate transit building.	$ 1,404,227	0.00	$ 327,029
CITY OF BISMARCK	City	Rehabilitation of affordable housing & special needs housing	$ 92,362	0.00	$ 66,802
CITY OF BISMARCK	City	Develop an energy efficiency and conservation strategy and implement projects.	$ 594,200	0.00	$ -
CITY OF ELLENDALE	City	'The COPS Hiring Recovery Program (CHRP) provides funding directly to law enforcement agencies to hire an/or rehire career law enforcement officers in an effort to create and preserve jobs, and to increase their community policing capacity and crime prevention efforts'	$ 139,832	1.00	$ 11,093
CITY OF FARGO	City	Energy Efficiency and Renewable Energy Conservation Block Grant	$ 948,900	0.00	$ 151,488
CITY OF FARGO	City	Community Development	$ 183,168	0.27	$ 173,679
CITY OF FARGO	City	Invest in public transportation by purchasing replacement and expansion buses, a farebox system, a shop service truck, and bus shelters.	$ 2,460,032	8.06	$ 2,323,488
CITY OF GRAND FORKS	City	Purchase two 35 foot low floor buses and one 35 foot low floor hybrid bus.	$ 1,176,567	0.00	$ -
CITY OF GRAND FORKS	City	CDBG-R Near North Neighborhood Infrastructure	$ 112,020	6.00	$ 112,020

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
CITY OF GRAND FORKS	City	The award will be used to accomplish four tasks: (1) Residential weatherization and energy audits - weatherization of 350 homes during the grant period and a establishment of Revolving Energy Fund and Public Building Energy Fund to allow continuation of program after the grant period; (2) Energy efficiency/conservation programs for municipal buildings and facilities - energy rehabilitation of Grand Forks Central Fire Station to include installation of insulation, an energy efficient, zoned heating system, and energy efficient windows in first 12 months of grant period; (3) Reduction and capture of methane and greenhouse gases - conduct and completion of a feasilbility study for capturing methane from closed City landfill and using it to produce electricity for nearby public facilities in first 12 months of the grant period; and (4) Traffic signal synchronization - traffic light synchronization on major city roadways to reduce idling, fuel consumption and associated greenhouse gas emissions in first 12 months of the grant period.	$ 569,800	1.50	$ -
CITY OF VALLEY CITY	City	The project consists of design and construction to replace approximately 1,700 feet of the 48-inch brick sanitary sewer system in the five-block downtown area along Main Street, Central Avenue, and 2nd Avenue NE, and the relining of approximately 5,800 feet of sewer lines located in other low lying areas of the city. Brick manholes along the reoutes described will be replaced with precast manholes with monolith bases. All sanitary sewer service lines along the sewer replacement reoute will be replaced to the road right of way line. In addition this project will replace approximately 1.300 feet of aging water main in a two block area located along 2nd Street NE in Valley City, Barnes County, North Dakota.	$ 2,325,000	4.10	$ 1,619,126
DEVILS LAKE, CITY OF	City	LAW ENFORCEMENT EQUIPMENT	$ 50,597	0.00	$ 50,597
DICKINSON, CITY OF	City	The COPS Hiring Recovery Program (CHRP) provides funding directly to law enforcement agencies to hire and/or rehire career law enforcement officers in an effort to create and preserve jobs, and to increase their community policing capacity and crime prevention efforts'	$ 134,005	1.00	$ -
DICKINSON, CITY OF	City	Recovery Act - Energy Efficiency & Conservation Block Grant Program	$ 68,200	0.00	$ -
FARGO, CITY OF	City	The COPS Hiring Recovery Program (CHRP) provides funding directly to law enforcement agencies to hire and/or rehire career law enforcement officers in an effort to create and preserve jobs, and increase their community policing capacity and crime prevention efforts.	$ 1,405,915	6.30	$ 52,763
FARGO, CITY OF	City	Recovery Act Justice Assistance Grant funds support all components of the criminal justice system. The disparate jurisdictions consisting of Cass Sheriff's Office and the Fargo and West Fargo Police Departments will use funds for proactive crime reduction efforts and several equipment purchases including squad cars.	$ 607,168	0.66	$ 154,764
GRAND FORKS, CITY OF	City	The COPS Hiring Recovery Program (CHRP) provides funding directly to law enforcement agencies to hire and/or rehire career law enforcement officers in an effort to create and preserve jobs, and to increase their community policing capacity and crime prevention efforts.	$ 360,436	2.00	$ 55,734

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
GRAND FORKS, CITY OF	City	FY09 Recovery Act Edward Byrne Memorial Justice Assistance Grant Program Local Solicitation	$ 261,710	0.00	$ 20,284
HARVEY, CITY OF	City	The City is upgrading the water system by removing and replacing deteriorated cast-iron water mains and lead services. This will also include replacing and added additional hydrants adjacent to the new water main and upsizing existing water mains to meet fire flow protection requirements.	$ 1,430,000	0.00	$ -
JAMESTOWN, CITY OF INC	City	Recovery Act Edward Byrne Memorial Justice Assistance Grant (JAG)	$ 89,854	0.00	$ 8,683
JAMESTOWN, CITY OF INC	City	The COPS Hiring Recovery Program (CHRP) provides funding directly to law enforcement agencies to hire and/or rehire career law enforcement officers in an effort to create and preserve jobs, and to increase their community policing capacity and crime prevention efforts.	$ 149,693	1.00	$ 11,715
JAMESTOWN, CITY OF INC	City	Energy Efficiency and Renewable Energy Block Grant	$ 64,100	0.00	$ -
KULM, CITY OF	City	The City is replacing existing sanitary sewer piping and a sanitary sewer lift station. Sanitary sewer service piping will be replaced to the property lines. Sidewalks, pavement and curb and gutter removed due to the sanitary sewer construction will be replaced.	$ 1,297,000	6.96	$ 599,700
LEONARD, CITY OF	City	The City is upgrading their existing sanitary sewer system by removing and replacing or relining deteriorated clay sewer mains. This will also include replacing the existing services lines to adjacent properties. All work will be completed on City owned right-of-way.	$ 663,000	0.00	$ -
MANDAN, CITY OF	City	(89-0331 2009 \ 2010) Energy Efficiency and Renewable Energy - Recovery Act	$ 72,500	0.00	$ -
MAYVILLE, CITY OF	City	FUNDS TO BE USED FOR WATER TREATMENT PLANT UPDATES AND CHANGE THE CITY OF MAYVILLE'S WATER SOURCE FROM SURFACE TO GROUND WATER FOR BETTER QUALITY FOR THE RESIDENTS OF MAYVILLE	$ 1,936,860	0.00	$ -
MINOT, CITY OF (INC)	City	FY2009 Recovery Act JAG Program to purchase law enforcement equipment for the purpose of increasing public safety.	$ 236,412	0.00	$ 213,088
OAKES, CITY OF	City	The City is upgrading their existing water system and sanitary sewer system by removing and replacing deteriorated cast-iron water mains and clay sewer mains. This will also include replacing the existing services lines to adjacent properties. All work will be completed on City owned right-of-way.	$ 2,200,000	0.00	$ -
OAKES, CITY OF	City	The COPS Hiring Recovery Program (CHRP) provides funding directly to law enforcement agencies to hire and/or rehire career law enforcement officers in an effort to create and preserve jobs, and to increase their community policing capacity and crime prevention efforts.	$ 179,114	1.00	$ 32,820

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
TIOGA, CITY OF	City	The COPS Hiring Recovery Program (CHRP) provides funding directly to law enforcement agencies to heir and/or rehire career law enforcement officers in an effort to create and preserve jobs, and to increase their community policing capacity and crime prevention efforts.	$ 128,489	0.10	$ -
WAHPETON, CITY OF	City	RECOVERY ACT - ENERGY EFFICIENCY & CONSERVATION BLOCK GRANT PROGRAM	$ 50,000	0.00	$ -
WAHPETON, CITY OF	City	Recovery Act JAG Program	$ 48,853	0.00	$ 44,948
WEST FARGO CITY OF	City	The COPS Hiring Recovery Program (CHRP) provides funding directly to law enforcement agencies to hire and/or rehire career law enforcement officer in an effort to create and preserve jobs, and to increase their community policing capacity and crime prevention efforts	$ 388,256	0.00	$ 24,906
WEST FARGO CITY OF	City	Energy Environmental Conservation Block Grant	$ 91,500	0.00	$ 74,060
WILLISTON, CITY OF	City	Joint Williston PD and Williams County S.O. Safety Award	$ 40,129	0.00	$ 40,004
WILLISTON, CITY OF	City	Recovery Act - Energy Efficiency and Conservation Block Grant Program	$ 53,400	0.00	$ -
ZEELAND, CITY OF	City	ZEELAND WATER MAIN REPLACEMENT PROJECT THAT WILL PARTIALLY FUND THE DESIGN AND CONSTRUCTION OF THE WATER MAIN REPLACEMENT IN THE CITY OF ZEELAND THAT SERVES USERS IN THE CITY OF ZEELAND	$ 230,000	5.00	$ 26,273
CASS, COUNTY OF	County	The COPS Hiring Recovery Program (CHRP) provides funding directly to law enforcement agencies to hire and/or rehire career law enforcement officers in an effort to create and preserve jobs, and to increase their community policing capacity and crime prevention efforts.	$ 388,390	1.91	$ -
GRIGGS, COUNTY OF	County	'The COPS Hiring Recovery Program (CHRP) provides funding directly to law enforcement agencies to hire and/or rehire career law enforcement officers in an effort to create and preserve jobs, and to increase their community policig capacity adn crime prevention efforts.'	$ 141,486	1.00	$ -
KIDDER, COUNTY OF	County	The COPS Hiring Recovery Program(CHRP)provides funding directly to law enforcemnt agencies to hire and?or rehire career law enforcement officers in an effort to creat and preserve jobs, and to increase their community policing capacity and crime prevention effors	$ 140,172	1.00	$ 34,901
MCHENRY, COUNTY OF	County	The COPS Hiring Recovery Program (CHRP) provides funding directly to law enforcement agencies to hire and/or rehire career law enforcement officers in an effort to create and preserve jobs, and to increase their community policing capacity and crime prevention efforts	$ 142,411	0.00	$ -

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
MCKENZIE, COUNTY OF	County	McKenzie County Rural Water System II Phase II Improvements/Expansion Project which will partially fund the design and construction of a new water distribution system consisting of distribution piplelines, storage reservoir and booster stations to serve users in Eastern McKenzie County.	$ 4,815,000	7.00	$ 29,648
MERCER, COUNTY OF	County	American Recovery and Reinvestment Act (ARRA) Formula Grant	$ 66,024	0.97	$ 66,024
MERCER, COUNTY OF	County	The purpose of the Mercer McLean County Narcotics Task Force project is to reduce the number of drug users and drug traffickers through the enhanced investigations.	$ 787,499	5.00	$ 226,142
MORTON, COUNTY OF	County	To purchase and update firearms equipment, to purchase crime prevention equipment, to purchase mobile communication equipment and to purchase and enhance courtroom security.	$ 110,790	0.00	$ -
RAMSEY, COUNTY OF	County	The Ramsey County Courthouse project is to increase energy efficiency and reduce energy consumption. The project is in three parts.	$ 50,000	5.00	$ -
ROLETTE, COUNTY OF	County	EE Conservation Block Grant Program - Window Replacement	$ 58,500	0.73	$ 58,500
STARK, COUNTY OF	County	'The COPS Hiring Recovery Program (CHRP) provides funding directly to law enforcement agencies to hire and/or rehire career law enforcement officer in an effort to create and preserve jobs and to increase their community policing capacity and crime prevention efforts.	$ 192,165	1.00	$ -
WARD, COUNTY OF	County	The COPS Hiring Recovery Program (CHRP) provides funding directly to law enforcement agencies to hire and/or rehire career law enforcement officers in an effort to create and preserve jobs and increase their community policing capacity and crime prevention efforts.	$ 162,844	1.00	$ 11,676
ALMONT RURAL FIRE DISTRICT	Fire	CF Grant - funds will be used to construct new fire hall building for Almont Rural Fire District	$ 84,570	0.00	$ -
BENSON COUNTY HOUSING AUTHORITY	Housing	A revision was done for the remaining $26009.14, putting this twoard dwelling equipment to purchase more energy efficient fridges, stoves, & water heaters.	$ 36,856	0.00	$ 26,547
BURLEIGH HOUSING AUTHORITY	Housing	ARRA Funding	$ 639,091	0.00	$ 639,091
CASS COUNTY HOUSING AUTHORITY	Housing	Bathroom renovation & sewer line replacment	$ 301,368	0.00	$ 301,368

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
EASTERN DAKOTA HOUSING ALLIANCE, INC.	Housing	Eastern Dakota Housing Alliance (EDHA) will use these funds to provide loan financing that may be more flexible than other sources and to leverage resources for financially feasible affordable housing. Financing capital will make loans available for rehabilitation or for new construction. EDHA's service area is the 25 counties of eastern North Dakota, largely rural communities, with a mission to foster the development and preservation of affordable housing. Affordable housing loans generally must target households at or below 80% of median income in rural areas. Loans in urban areas may serve mixed-incomes up to 120%. By December 31, 2010, $150,000 will be deployed within the service area, by December 31, 2011, $300,000 will be deployed.	$ 600,000	0.00	$ 600,000
EMMONS COUNTY HOUSING AUTHORITY	Housing	American Recovery and Reinvestment Act (ARRA) Formula Grant.	$ 27,778	0.10	$ 27,778
FARGO HOUSING AND REDEVELOPMENT AUTHORITY	Housing	Accessible Improvements at New Horizons Manor, to replace 98 ADA wall mounted ovens. To install 98 ADA Living Unit Auto Door Opener Equipment. To rehab 3 Cmmunity bathrooms to ADA Compliance. To rehab Wellness Center & Handi-Wheels Ride Service Office.	$ 218,137	0.00	$ 81,454
FARGO HOUSING AND REDEVELOPMENT AUTHORITY	Housing	To reduce energy and water consumption in the 14-3 Scattered Site Living Units with water saving low toilets, low flow shower heads, energy star lighting, high efficiency furnaces and weather stripping entry doors. Project development is in R&D stages. Toilet and Showerhead bid date is April 23, 2010. Furnace Replacement bid date is April 16, 2010.	$ 330,946	0.00	$ 34,559
FARGO HOUSING AND REDEVELOPMENT AUTHORITY	Housing	To reduce energy and water consumption in the 14-4, 14-5 and 14-7 Scattered Site Living Units with water saving low toilets, low flow shower heads, energy star lighting, high efficiency furnaces, energy star windows, and weather stripping entry doors. Project development is R&D stages.	$ 408,833	0.92	$ 113,443
HOUSING AUTHORITY BARNES CNTY	Housing	The Barnes County Housing Authority is implementing the following activities using Capital Funds Recovery Act funding: 40 units of the Barnes County Housing Authority (ND022000001) public housing development are being rehabilitated.	$ 77,245	3.00	$ 73,187
MINOT HOUSING AUTHORITY	Housing	The funds will be used to replace our windows on the west side of our high-rise. There will be 240 windows replaced using these funds. Existing windows are over 30 years old. New windows will be more energy efficient as they will have tinted glass, low e, and argon filled. Windows will be manufactured over the winter months. Install of new windows will begin approximately March 15, 2010 and will be concluded August 30, 2010, at which time all funds will be expended.	$ 482,998	2.77	$ 440,090
NELSON COUNTY HOUSING AUTHORITY	Housing	Siding and insulation wrap	$ 49,504	2.00	$ 40,000
RAMSEY COUNTY HOUSING AUTHORITY	Housing	RCHA IS A NON-PROFIT ENTITY WHICH IS USING THE ARRA GRANT MONEY TO IMPROVE APARTMENT BUILDINGS. RECEIVING THE ARRA FUNDS HAS ALLOWED RCHA TO COMPLETE SEVERAL WORK PROJECTS SCHEDULED IN THE 5 YEAR PLAN, BUT PROJECTS HAVE BEEN COMPLETED EARLIER.	$ 151,260	1.00	$ 68,618

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
ROLETTE COUNTY HOUSING AUTHORITY INC	Housing	2009 upgrades-One bdrm conversion & replacement project	$ 116,341	2.68	$ 82,556
TOWNER COUNTY HOUSING AUTHORITY INC	Housing	Installed housewrap, new vinyl siding with insulated backing, and replaced six deteriorated windows with new, energy efficient windows.	$ 39,847	0.00	$ 39,847
TRAILL COUNTY HOUSING AUTHORITY	Housing	Furnace Replacement & windows	$ 55,701	0.00	$ 55,701
WILLISTON HOUSING AUTHORITY	Housing	Public Housing Capital Fund Stimulus (Formula) Recovery Act Funded	$ 215,228	0.50	$ 215,228
ABUSED ADULT RESOURCE CENTER INC	Nonprofit	This project will allow the Abused Adult Resource Center to further assist victims of domestic violence, dating violence, stalking and sexual assault in locating and securing permanent housing as well as integrating into their communities.	$ 397,814	2.10	$ 33,744
COAL COUNTRY COMMUNITY HEALTH CENTER	Nonprofit	ARRA-Increase Services to Health Centers. Increase staff in the areas of Mental/Behavioral Health, Information Technology, and Support Staff (Billing and Reception).	$ 147,421	3.25	$ 147,421
COAL COUNTRY COMMUNITY HEALTH CENTER	Nonprofit	ARRA-Capital Improvement Program. Implementation of EHS - Practice Management/ Electronic Health Record and Radiology Advancements.	$ 453,805	0.00	$ 453,805
COMMUNITY ACTION PARTNERSHIP	Nonprofit	Head Start 2009 ARRA COLA quality improvement	$ 76,179	1.00	$ 35,000
COMMUNITY ACTION PARTNERSHIP	Nonprofit	Early Head Start expansion ARRA	$ 977,697	9.00	$ 125,000
COMMUNITY ACTION REGION VI	Nonprofit	0-5 Head Start 2009 ARRA COLA Quality Improvement Funding	$ 123,734	0.00	$ 53,755
HEADSTART	Nonprofit	Head Start Quality Improvement and COLA	$ 141,275	0.00	$ 111,800
HEADSTART	Nonprofit	EHS ARRA Expansion	$ 194,448	2.00	$ 67,100
HIT, INC.	Nonprofit	ARRA Cost of Living Adjustment (COLA), and Quality Improvement Funding consistent with the providsions of Section 640(a)(5) of the Head Start Act	$ 88,069	2.00	$ 22,848
IMPACT FOUNDATION	Nonprofit	Native American Business Relocation Grant	$ 181,000	0.00	$ -
LAKE AGASSIZ REGIONAL DEVELOPMENT CORP	Nonprofit	Microloan Technical Assistance Grant (ARRA)	$ 244,755	0.00	$ -
NORTH CENTRAL RURAL WATER CONSORTIUM II	Nonprofit	Grant is to construct the Mountrail Phase I rural water project to provide safe potable water to residents of the area.	$ 5,340,000	0.40	$ 174,743

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
NORTH CENTRAL RURAL WATER CONSORTIUM II	Nonprofit	TAS 96-3134, Construction, Recovery Act P2#327871, OSD# 13692, PPA W9128F-10-3-009 for Design and Construction Assistance for Wells County Water System Phase I Project, Minot, ND.	$ 465,000	0.00	$ -
NORTH DAKOTA COMMUNITY ACTION ASSOCIATION	Nonprofit	CSBG Capacity Building and Strategic Planning and Coordination supported by the ARRA of 2009	$ 80,000	0.00	$ 34,179
NORTH DAKOTA COUNCIL ON ABUSED	Nonprofit	Prime Recipient will utilize funding from the Recovery Act State Coalitions grant program to promote economic recovery and stability in the local community and in the Coalition's infrastructure. By hiring and retaining new personnel- a part time Economic Justice and Leadership Development Coordinator, a full time Training Coordinator (partially funded by Coalition OVW recovery funds), and a full time Sexual Assault Program Assistant (partially funded by Coalition OVW recovery funds)- we will increase new job growth in our community as well as our ability to support the Coalition's domestic violence and sexual assault purposes and activities, particularly those that current funding might otherwise not be able to support. These positions will also aid in the planning, monitoring, and reporting purposes and activities under this grant as well as other sexual assault, economic justice, leadership development, and training related Coalition activities, promoting the Prime Recipients maintenance of its programmatic goals and objectives. Through the Recovery Act State Coalitions program grant, the Prime Recipient will assist North Dakota communities and local domestic violence and rape crisis centers impacted by the recession by promoting the minimization of reductions in sexual assault and domestic violence services and maximization of creative and effective collaborations and partnerships for sexual assault and domestic violence services sustainability and enhancement.	$ 156,250	1.50	$ 60,500
NORTH DAKOTA MUSEUM OF ART	Nonprofit	To support the preservation of jobs that are threatened by declines in philanthropic and other support during the current economic downturn.	$ 50,000	2.00	$ 45,461
NORTHLAND HEALTH PARTNERS COMMUNITY	Nonprofit	The purpose of this award is to implement a practice management system that will give use the capabilities to cumulate and track data for improved quality of care and to provide for quantifiable reporting of clinical measures and patient progress outcomes. It also provides for new equipment that will allow us to provide quality healthcare services to all patients regardless of their ability to pay. In addition, the award provides for a remodel project at one of our clinic sites that improves patient access and workflow. It will allow us to update wiring in the building and run data lines in preparation for EMR.	$ 323,990	0.12	$ 265,646
NORTHLAND HEALTH PARTNERS COMMUNITY	Nonprofit	The purpose of this award is to expand access to primary and preventative healthcare to an underserved area and our target population through increased outreach and marketing efforts.	$ 120,182	0.25	$ 65,889
PLAINS ART MUSEUM FOUNDATION	Nonprofit	To support the preservation of jobs that are threatened by declines in philanthropic and other support during the current economic downturn.	$ 50,000	1.00	$ 50,000
S E N DAKOTA COMMUNITY ACTION AGENCY	Nonprofit	Head Start 2009 ARRA COLA Quality Improvement Funding	$ 200,930	0.80	$ 200,930
VALLEY COMMUNITY HEALTH CENTERS	Nonprofit	ARRA - Capital Improvement Program	$ 443,375	0.00	$ 219,726

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
VALLEY COMMUNITY HEALTH CENTERS	Nonprofit	ARRA-Increased Services to Health Centers. Expand access to needed primary healthcare services specifically by adding enabling services at the dental clinic and a medical clinic case manager.	$ 149,616	1.81	$ 95,630
WILLISTON HEADSTART	Nonprofit	Head Start 2009 ARRA COLA/Quality Improvement Funding	$ 57,768	0.00	$ 57,768
YWCA CASS CLAY	Nonprofit	OVW Recovery Act Transitional Housing Grant for Victims of Domestic Violence, Dating Violence, Stalking or Sexual Assault.	$ 301,208	1.13	$ 32,500
BEK COMMUNICATIONS COOPERATIVE	Private	Deliver Broadband to rural customers 0% completed.	$ 1,986,473	0.00	$ -
BERT & LYLE JOHNSON A JOINT VENTURE	Private	EMERGENCY WATERSHED PROTECTION-FLOOD PLAIN EASEMENT PROGRAM	$ 115,432	0.00	$ 108,744
BERT & LYLE JOHNSON A JOINT VENTURE	Private	EMERGENCY WATERSHED PROTECTION - FLOOD PLAIN EASEMENT PROGRAM	$ 261,043	0.00	$ 244,283
D.C.T., INC	Private	A grant to provide broadband services to the remote rural areas of Streeter and Gackle North Dakota.	$ 2,252,250	0.00	$ -
HALSTAD TELEPHONE COMPANY	Private	Halstad Telephone Company will construct 283 miles of fiber optic cables and install the electronics to provide Fiberâ€"to-the-Premise enhanced broadband services capable of 100 Megabit speed to approximately 430 unserved households and approximately 10 unserved businesses, enabling both Internet and video applications to a geographic area of approximately 286 square miles located in all or portions of 12 townships in Traill County, North Dakota, and surrounding a main anchor community of Hillsboro, North Dakota. This area also includes three small non-census communities, each with under 20 households, with the remainder of households constituted as private domiciles on either working farm sites or individual tracts of rural (non-town) residential property.	$ 2,027,600	0.00	$ -
HALSTAD TELEPHONE COMPANY	Private	Halstad Telephone Company will provide enhanced broadband services capable of 100 Megabit speed to approximately 700 underserved households and 100 underserved businesses, enabling both Internet and video applications in the town of Hillsboro in extreme eastern Traill County, North Dakota.	$ 246,500	0.00	$ -
LONGTIN FARM	Private	99 year lease	$ 135,378	0.00	$ 135,378

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
NOVADIGM THERAPEUTICS, INC.	Private	Our Specific Aims are: 1. To establish Good Manufacturing Practice for the rAls3p-N vaccine candidate. GMP will be established by a contracting organization. Financing for GMP will occur over two calendar years. The GMP process will include technological transfer/ramp up, establishment of a master cell bank, completion of scale up, assay development, stability studies, and batch release characterization. A scientific advisory board will be established to provide experienced oversight/advice for this process, as well as for filing the IND (Specific Aim #4). 2. To complete pre-clinical toxicity studies in support of an IND application. Toxicity studies have been designed based upon FDA input, and their execution will be contracted to a qualified organization or company. Preliminary bids have been solicited. These and other bids will be ranked based on cost and experience of the organization. Completion of pre-clinical toxicity studies using GMP-compliant material and will be targeted for years one and two. 3. To develop high throughput assays to measure immunogenicity as surrogate markers for efficacy to be used in future clinical trials. The impact of rAls3p-N priming of human PBMCs on subsequent response to the protein will be determined. To determine the cell-based response, CD4+ T-helper cells from PBMCs will be tested for cytokine production. For humoral testing, we will measure anti-rAls3p-N human IgG and IgG3 ELISAs. These assays will be validated for subsequent use during the clinical trial by the end of the study period. 4. To finalize the current draft of a phase I clinical protocol and related documents to support an Investigational New Drug application. Prior to the end of the funding period, an IND application will be submitted in support of a phase I clinical trial to determine the safety and immunogenicity of the rAls3p-N vaccine. In support of the IND, a clinical protocol and investigator?s brochure will be finalized, and other documents in support of the IND will be prepared. The IND will be submitted in the final year of funding. Completion of the proposed Phase II STTR plan will finalize pre-clinical testing of the rAls3p-N, anti-candidal vaccine, and will allow subsequent initiation of a phase I clinical trial to test the safety and immunogenicity of the vaccine in humans. Finally, we will identify humoral and cell-mediated immunological surrogate efficacy markers to lay the groundwork for immunological testing in humans in a phase Ib clinical trial. Completion of the proposed studies will lead to initiation of a phase Ib clinical trial to determine the safety and immunogenicity of the rAls3p-N vaccine.	$ 989,750	10.40	$ 305,488
BISMARCK PUBLIC SCHOOLS	School	ARRA COLA abd Quality Improvement funding consistent with the provisions of Section 640 (a) (5) of the Head Start Act.	$ 112,766	4.36	$ 108,374
BISMARCK STATE COLLEGE	School	Smart Grid Simulation Laboratory (GridLab) - This DOE sponsored program is designed to implement a comprehensive, flexible, and easily accessible smart grid laboratory, for both on campus and online training delivery. GridLab will not only be a unique platform to demonstrate smart technology, but also a complete microcosmic Smart Grid which includes home and industrial loads, distributed and renewable generation, and advanced communication and control systems.	$ 728,060	0.00	$ -
FORT TOTTEN SCHOOL DISTRICT 30	School	The funds provided in this grant award must be used for school construction activities	$ 41,334	0.00	$ 41,334
GRAND FORKS PUBLIC SCHOOL DISTRICT BUILDING AUTHORITY	School	Establish a classroom to serve 14 children as well as provide training for staff.	$ 91,669	1.83	$ 91,669
GRAND FORKS PUBLIC SCHOOL DISTRICT BUILDING AUTHORITY	School	Construction - Impact Aid School Construction Formula Grants	$ 219,009	0.00	$ 219,009

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
GRAND FORKS PUBLIC SCHOOL DISTRICT BUILDING AUTHORITY	School	This action awards a cost-of-living adjustment (COLA) increase of 1.84% for Head Start. This action also awards quality improvement funds for Head Start. The monies will be used to replace classroom carpets in all Head Start classrooms and to purchase a Ten Sound System with pendant transmitters and ceiling speakers for children who have hearing disabilities for all Head Start classrooms.	$ 170,238	0.00	$ 151,525
MANDAREE SCHOOL DISTRICT 36	School	Improve teaching and learning for students most at risk of failing to meet State academic standards	$ 301,700	1.00	$ 301,600
MAYVILLE STATE UNIVERSITY FOUNDATION	School	Mayville State University requested ARRA funding in accordance with PI-HS-09-06 to provide salary and fringe benefit increases to all program staff. Recent wage comparability studies indicated teaching staff were on the lower end of the scale. While lower salaries are evident, the program does provide a 100% employer paid comprehensive benefit package including family health insurance, sick and vacation leave, 9.12% retirement, university course waivers, and more. The ARRA funds will be used to fund the increases to the health insurance package and staff salaries.	$ 71,378	0.00	$ 54,351
MAYVILLE STATE UNIVERSITY FOUNDATION	School	The MSU Child Development Programs proposes to expand its current service area nad to serve 56 infants, toddlers and pregnant women within the city limits of Grand Forks, the only unserved area in Grand Forks County, North Dakota. The program has a positive record of providing early, continuous, and comprehensive child and family services including Head Start, Early Head Start, collaborative Pre-K, and Childcare. The Program also serves as a University Lab Site for early childhood education students, therefore, must maintain consistent, up to date, research based programming. The Program's overarching outcomes is to empower parents to be advocates and partners for their children and their education starting at birth.	$ 481,076	0.29	$ 4,717
MINNEWAUKAN SCHOOL DISTRICT 5	School	School Construction	$ 52,240	2.00	$ 52,240
MINOT A F B SCHOOL DISTRICT 160	School	School Construction	$ 389,509	0.00	$ 389,509
MINOT PUBLIC SCHOOL DISTRICT 1	School	Head Start 2009 ARRA COLA Quality Improvement Funding	$ 205,337	1.50	$ 134,741
MINOT PUBLIC SCHOOL DISTRICT 1	School	Mid-Dakota Education Cooperative/Minot PSD was awarded a National Clean Diesel Funding Assistance grant to fund an emissions control solution for buses in 9 North Dakota school districts and will partially pay for the replacement of 9 school buses and will fully pay for the installation of 66 fuel-operated heaters. The general purpose of the grant is to reduce diesel emissions and improve air quality.	$ 450,000	1.00	$ 397,136

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
NORTH DAKOTA STATE UNIVERSITY	School	Strong emotional reactions to minor provocations can be detrimental to the psychological and physical health of individuals and those around them. The psychology literature has shown that such strong reactions are not characteristic of all individuals and that people differ substantially in the extent to which they experience anger when provoked. Yet, why individuals differ in reactivity to provocation has been insufficiently studied. The project proposes that some individuals react strongly to minor provocations because they lose their ability to control their attention, thoughts, and behaviors under such circumstances. The loss of such abilities, in turn, renders these individuals vulnerable to impulsive and short-sighted actions such as attempting to harm someone who is not blameworthy. An experimental approach will be used to examine the mechanisms underlying reactivity effects of this type. Provocation will be induced by the presentation of aversive noise or exposure to film clips previously shown to arouse moderate levels of anger (versus neutral, non-provocation conditions). Subsequently, abilities to control attention, thoughts, and behaviors will be assessed using well-validated cognitive tasks. It is hypothesized that individuals generally predisposed to react with anger will exhibit deficits in controlling attention, thoughts, and behaviors following provocation. Further, deficits of this type should predict aggressive behavior in the laboratory, daily life, and also higher levels of blood pressure in response to stressful inductions. Overall, the project seeks to determine exactly how and why some individuals appear to lose their psychological self-control when provoked. In part, the significance of this work comes from the role that anger plays in violent crimes, the harm it creates in social relationships (including marital and parental ones), and its other effects (e.g., risk for cardiovascular disease). Given the emphasis on the mechanisms behind these detrimental effects, the results should be of considerable utility in developing scientifically sound anger-management efforts that directly target the pathways by which these individuals lose their self-control when provoked. For example, to the extent that these highly reactive individuals exhibit particular deficits in controlling attention following provocation, interventions seeking to improve the control of attention should be efficacious in promoting effective anger-control. Moreover, while the project focuses on difficulties in controlling anger, this work has implications for other problems that are related to issues of self-control and lead to disruptions of personal and social functioning.	$ 428,271	0.11	$ 63,751

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
NORTH DAKOTA STATE UNIVERSITY	School	Collaborative Research: Tribologically Durable UHMWPE Nanocomposites for Total Joint Replacements: Nano-mechanics and Bio-tribological Modeling This award is funded under the American Recovery and Reinvestment Act of 2009 (Public Law 111-5). The research objective of this project is to study the nano-mechanics and bio-tribology aspects of graphitic UHMWPE nanocomposites for total joint replacements, and to establish models for the design of tribologically durable materials that can provide longer life expectancy for prosthetic implants. The conventional method for increasing wear resistance of UHMWPE components of total joint replacements is crosslinking UHMWPE material by irradiation followed by re-melting. These methods have resulted in severe problems such as reduced fatigue strength and toughness, as well as the generation of wear debris in the most biologically active size range, raising concerns of osteolysis, bone resorption, and implant loosening. This project aims at solving those problems through studies of nano-mechanics and bio-tribological modeling for durable UHMWPE nanocomposites reinforced by newly developed graphitic nanomaterials. This research will result in a new design methodology for polymer materials used in artificial joints, and thus lead to optimal UHWMPE nanocomposites and dramatically extended life expectancy for total joint replacements. If successful, the results of this project will provide a base for design and development of tribologically durable UHMWPE materials that can lead to longer life spans for a variety of artificial joints to meet a wide range of patient needs. This research will benefit and contribute to bio-engineering, nanotechnology, materials science, heath care system capability, and our society at large. It will also contribute to multi-level education in both ND and WA states. This project will directly involve both undergraduate and graduate students, and will also lead to new lectures for course development in both universities. Native American tribal college students, woman and minority students will benefit from this research through summer workshops	$ 207,650	0.65	$ 22,659
NORTH DAKOTA STATE UNIVERSITY	School	This project from North Dakota State University aims for acquisition of a remotely operable analytical field-emission scanning electron microscope (FE-SEM) with energy-dispersive X-ray spectrometry, along with specimen preparation equipment. These instruments for shared use will support state-of-the-art imaging and microanalysis, as well as research training, classroom education, and outreach. The NDSU Electron Microscopy Center is a multidisciplinary multi-user facility. The current SEMs at the center are not FE instruments and thus have limited application in several material systems. A FE instrument will allow high resolution imaging at lower voltages suitable for such material systems. Versatile high-resolution SEM imaging and microanalysis are essential to support current research in areas including medicinal chemistry, nanomaterials, nanocomposites, polymeric coatings, biomaterials, tissue engineering, environmental engineering, and also biological materials such as soft and hard tissues. Remote operation will benefit the largest possible number of scientists and potential scientists. The proposed equipment will also be a much-needed resource for NDSU's new PhD program in Materials and Nanotechnology. The FE SEM will also support local and regional industries. The FE SEM will provide hands-on experience to broaden opportunities for research, training, and outreach for faculty, graduate students, and undergraduates from NDSU and other area colleges, and K-12 teachers and students. The proposed instrumentation will strengthen participation in North Dakota?s EPSCoR NATURE (Nurturing American Tribal Undergraduate Research and Education) initiative, an effort with the state?s five tribal colleges designed to increase interest in science, technology, engineering, and mathematics among Native American high-school students.	$ 566,997	0.00	$ 13,328

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
NORTH DAKOTA STATE UNIVERSITY	School	DESCRIPTION (provided by applicant): Project Summary Muscle wasting syndrome and cachexia are associated with many degenerative diseases, like cancer, AIDS, and other systemic diseases. Muscular atrophy is primarily a result of increased protein degradation in the muscle cells. Muscle satellite cells provide nuclei for post-natal growth and are involved in repair and regeneration of muscle tissue following injury or disease. Activation of satellite cells in response to injury is known to occur to aid in muscle regeneration. In severe states of cancer-related cachexia and age-related wasting, muscle regeneration does not appear to be active. It is unclear why satellite cells in these states are not activated, and it is unclear if these cells possess the ability to replenish during severe atrophy. Unlike conventional mammalian models, several fish species, including the giant danio (Danio aequipinnatus), exhibit an interesting growth type, indeterminate growth, which allows them to recruit new developing muscle fibers from satellite cell populations throughout their lives. This growth physiology phenotype serves as a powerful comparative model system for understanding the activation and proliferation of satellite cells under several conditions. Therefore, it is the long-term goal of the PI to employ the giant danio as a comparative model organism to investigate molecular, hormonal, and physiological characteristics of satellite cells in determinate and indeterminate growth models following trauma or injury. This proposal begins to address this goal by first characterizing the ability, extent, and target molecular aspects of giant danio satellite cells activation following injury. This proposal will investigate specific regulatory pathways uncharacterized in indeterminate growth regulation and injury response (Specific Aim 1) and to identify novel pathways specific to injury response in indeterminate growth using a global approach (Specific Aim 2). The comparative muscle growth culture system is advantageous for prevention, treatment, and design of new therapeutic techniques for muscle trauma and disease states like cachexia and sarcopenia, as it takes advantage of a 'normal' physiological state in an indeterminate model. This approach will be utilized for the identification of early genetic and/or biological markers for muscle disease and even muscle metabolic dysfunction. Thus, the main objectives of the proposed work are to characterize novel pathways in indeterminate muscle growth regulation to identify target pathways of satellite cell activation in indeterminate growth. PUBLIC HEALTH RELEVANCE: Project Narrative Understanding muscle cell growth regulation, regeneration and repair is imperative to developing new preventative and therapeutic strategies for combating muscle wasting syndromes associated with many degenerative diseases. This project is intended to utilize a novel, powerful, comparative muscle growth technique that will allow us to characterize novel pathways regulating muscle cell regeneration by taking advantage of a genetic model exhibiting indeterminate growth. This comparative approach will also give new insight into the regulation of continuous muscle growth seen in non-mammalian models that can be carried over into the mammalian model to test novel prevention and therapy strategies.	$ 71,750	1.34	$ 32,793

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
NORTH DAKOTA STATE UNIVERSITY	School	The goal of the parent grant is to establish a Center for Visual and Cognitive Neuroscience at North Dakota State University. Emerging from the Center projects is a translational and collaborative project that aims to determine whether training on attention-demanding video games improves older adultsâ€™ cognitive abilities, everyday functioning, and well being. Recent research indicates that playing action video games (for as little as 10 hours) enhances younger adultsâ€™ performance on multiple aspects of attention. The advantage to videogames as a cognitive training tool is that immediate feedback, tailored difficulty levels, and entertaining interfaces can motivate learning and perseverance. An important outcome variable for the proposed project is the transfer of enhanced attention skills to everyday functioning. Four health-related outcomes will be assessed: driving performance (as assessed using driving simulation), instrumental activities of daily living (IADLs), health-related quality of life, and well-being (life satisfaction). In a pretest-posttest single-blind design, 150 older adults (60-80 years of age) will be randomly assigned to video game training, attention training, or a wait-list control group. Participants in the video game conditions will play an attention-demanding action game or a motion game (e.g., bowling). Participants will complete 10 hours of training in multiple 1-hour sessions. Participants will be assessed immediately prior to and after training, and again at 2 and 6 months post-training. We predict that training with action video games will improve older adultsâ€™ performance from pretest to posttest on multiple attention measures, will generalize to everyday functioning and well being measures, and will be maintained beyond the training period. Improvements for the attention training group will be relatively specific to the trained attention task. The requested ARRA supplement will accelerate the pace of scientific research by quickly building the infrastructure necessary to complete the project in 2 years and will stimulate the economy by supporting efforts to hire new staff, retain current staff, and inject money into the local economy in the form of equipment purchases and participant compensation. Data collected during the first year will provide pilot data in support of a translational R01 grant application to the National Institute on Aging at NIH.	$ 434,280	3.05	$ 175,710
NORTH DAKOTA STATE UNIVERSITY	School	The extent to which individuals are vigilant for, versus avoidant of, threatening information has been posited to play a major role in a variety of health outcomes. However, threat-related processing styles have not been adequately assessed in terms of what we now know about how the visual system processes threatening and non-threatening stimuli. An electrophysiological approach is adopted and the following aims are proposed: 1) to test the hypothesis that threatening images are differentially processed by the visual cortex 2) to resolve discrepancies between early visual processes favoring threatening images and later conscious identifications of the same images 3) to link individual differences in vigilance and avoidance, defined in brain-processing terms, to their hypothesized manifestations in personality, emotion, coping, and health	$ 172,157	0.84	$ 94,533

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
NORTH DAKOTA STATE UNIVERSITY	School	A major goal of research on human aging is to generate knowledge that will facilitate the maintenance of functional independence in older adult populations. Sensory declines represent a broad category of normal age-related changes that can lead to diminished quality of life, loss of independence, and increased costs for society as a whole. One aspect of visual perception which appears to change with age relates to neural inhibition. Inhibitory mechanisms in visual processing are essential for normal visual perception at a variety of levels â€“ from the subcortical center-surround interactions in receptive fields that enhance contrast and increase signal-to-noise ratios by redundancy removal, to the lateral interactions that give rise to the spatial and directional tuning properties of neurons in early visual cortical neurons, or finally to the extrastriate mechanisms of visuospatial attention that play a crucial role in permitting the selection of relevant environmental stimuli to the exclusion of task-irrelevant items. Two well-known visual illusions of brightness (Grating Induction) and contrast (Contrast-Contrast) are prima facie evidence of visual inhibition. We will utilize a powerful new paradigm, the quadrature-phase motion technique, to measure the magnitude of both luminance-based first-order (Grating Induction) and contrast-based second-order (Contrast-Contrast) inhibitory visual processes over a large range of spatial and temporal frequencies, at multiple retinal eccentricities, to assess age-related alterations in spatiotemporal inhibitory processing. We anticipate our findings to be translatable to a useful diagnostic clinical test to simply and efficiently assess the status of visual inhibitory processes across the lifespan. Data collected during the first year will provide pilot data in support of a translational R01 grant application to the National Institute on Aging or the National Eye Institute. The specific aims of the project are: 1) To compare and contrast the degree of inhibitory visual processing in two disparate age groups: young adults (18-30 years) and older adults (60-80 years); and 2) To use the data so obtained as the foundation for an R01 proposal to further explore the effects of aging on inhibitory visual processing, and to critically examine and evaluate the feasibility of developing the quadrature-phase motion paradigm into a clinicallyuseful diagnostic test to assess age-related changes in visual inhibitory processing.	$ 203,332	0.94	$ 121,382

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
NORTH DAKOTA STATE UNIVERSITY	School	In the United States, 20.8 million people (7% of the population) suffer from diabetes. About 75% of all newly diagnosed cases of type I diabetes occurs in individuals younger than 18 years of age. Type 1 diabetes is a chronic autoimmune disease affecting 0.3% of world's population. It results from selective destruction of pancreatic 2-cells. The major goal of the proposed research is to develop a nanoparticulate gene delivery vector for highly efficient nuclear delivery of plasmid encoding interleukin-10 (IL-10) for prevention of type 1 diabetes. We hypothesize that the combination of cationic polymer and poly (lactide-co-glycolide) (PLGA) in the presence of a cationic surfactant will produce nanoparticles with high positive zeta potential that will facilitate efficient loading of negatively charged plasmid DNA encoding IL-10 gene on the surface; and the positively charged nanoparticles loaded with plasmid DNA are biocompatible and can efficiently transfect the cells and express the protein both in vitro and in vivo. To test our hypotheses, we plan to study the following specific aims: (1). To synthesize methacrylate copolymers using monomers, 2- dimethyl amino ethyl methacrylate (DMAEMA) and methylmethacrylate (MMA) with increasing molar ratio of DMAEMA. The copolymers will be characterized for weight average molecular weight by gel permeation 1 chromatography and number average molecular weight by H NMR. (2). To prepare cationic nanoparticles using a blend of cationic polymer and PLGA by double emulsion solvent evaporation technique, using cetyl trimethyl ammonium bromide as a cationic surfactant. The nanoparticles will be characterized for size, shape, charge density, plasmid loading efficiency, buffering ability, and structural integrity of plasmid DNA by dynamic light scattering, electron microscopy, zeta potential measurement, UV spectrophotometer, titrimetric, and gel electrophoresis, respectively. (3). To study the cellular internalization in Human Embryonic Kidney (HEK 293) cells by confocal microscopy, using cationic nanoparticles loaded with coumarin 6. In vitro transfection efficiency of cationic nanoparticles in HEK 293 cells will be studied, using a therapeutic plasmid encoding IL-10. The expression of and IL-10 will be quantified by enzyme-linked immunosorbent assay. (4). To evaluate in vitro and in vivo in mice biocompatibility of cationic nanoparticles, using an MTT assay and light microscopy, respectively. (5). To study the efficiency of cationic nanoparticles to deliver plasmid encoding Interleukin-10 in vivo in mice and its ability to prevent the onset of type 1diabetes. The proposed study will contribute towards the development of a high efficiency and low toxicity non-viral gene delivery vehicle in order to deliver plasmid encoding IL-10 gene for prevention of type 1 diabetes. PUBLIC HEALTH RELEVANCE: Type 1 diabetes is a chronic autoimmune disease affecting 0.3% of world's population. It results from selective destruction of pancreatic 2-cells mediated by T lymphocytes which leads to gradual reduction in body's ability to produce insulin. The gene delivery vectors need special features to overcome extracellular and intracellular barriers, and ensure efficient DNA delivery to the nucleus. The use of cationic polymer and cationic surfactant will synergistically enhance the positive zeta potential of nanoparticles and their transfection efficiency. The study would be conducted in vitro and in vivo in animal model.	$ 71,750	0.41	$ 13,720

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
NORTH DAKOTA STATE UNIVERSITY	School	DESCRIPTION (provided by applicant): Intrauterine growth restriction is a significant cause of fetal and neonatal mortality and morbidity and is major health-related problems in the U.S. Growth-restricted infants that survive the neonatal period have an increased risk of lifelong complications, including a range of metabolic, neurological, and cardiovascular disorders. Epidemiological studies throughout the world support the concept of 'developmental programming' of cardiovascular disease by showing that the risks of developing disorders such as hypertension, stroke, and coronary heart disease are inversely related to birth weight. The mechanisms underlying the programming of cardiovascular diseases are poorly understood, but emerging evidence suggests that a poor nutrient supply at critical periods of early development leads to permanent alterations in vascular structure or function. The present application is aimed at beginning to address this issue in a mechanistic manner, and is centered on the general concept of endothelial dysfunction in coronary arteries. We hypothesize that compromised nutrition during fetal development may lead to permanent adverse changes in vascular function that increase the risk for cardiovascular disease later in life. More specifically, we propose that maternal nutrient restriction during pregnancy selectively impairs a novel endothelium- dependent, NO-independent (i.e. EDHF-like) vasodilator pathway that is mediated by activation of large conductance, calcium-activated K channels (BKCa) in fetal coronary arteries. We have set forth two specific aims that address our primary objective of determining the mechanism(s) whereby maternal nutrition during pregnancy alters endothelial regulation of coronary arterial tone. In Aim #1 we will identify the role of BKCa channels in mediating relaxation of fetal coronary arteries from animals that are well-nourished and undernourished in utero. This hypothesis will be directly addressed by determining BKCa channel gene and protein expression, BKCa channel activity, and vascular function in fetal coronary arteries. In Aim #2 we will establish whether maternal nutrient restriction during pregnancy results in dysfunction of the putative EDHF vasodilator pathway in the offspring. This hypothesis will be addressed by comparing endothelium- dependent vasodilator responses in coronary arteries from 6-month old animals that were well-nourished and undernourished in utero. BKCa channel gene and protein expression and BKCa channel activity will also be measured in these arteries. The results of these studies will establish whether the BKCa channels are defective in the fetuses and offspring or whether the EDHF system itself is compromised, and thus will give us clear future directions. The knowledge gained will provide key preliminary data that will put us in position to pursue more detailed, long-term mechanistic studies of the impact of fetal nutrition on cardiovascular function in health and disease. PUBLIC HEALTH RELEVANCE: Low birthweight babies have an increased risk of developing cardiovascular diseases later in life. Emerging evidence suggests that a poor nutrient supply at critical periods of early development leads to permanent alterations in blood vessel structure or function. This study will address potential mechanisms by which undernutrition during pregnancy impacts coronary arteries, and may serve as the basis for developing new strategies for	$ 71,750	0.02	$ 8,162

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
NORTH DAKOTA STATE UNIVERSITY	School	Recent genetic characterization of bacterial heme uptake and transport systems in Pseudomonas aerugenosa and Shigella dysenteriae have raised interesting questions regarding the functional details of heme binding, translocation, and release by the protein players, the heme-binding proteins (HBPs) and the heme-transport receptors (HTRs), in these processes. Many gram negative bacterial pathogens use the most abundant source of soluble iron, heme from their host, as a source of the iron essential to establish infection. However, heme is cytotoxic and must be highly sequestered throughout the course of uptake and transport. This requirement for protection against the toxicity of heme imposes two design criteria on the proteins involved in the process. The first is that, in order to protect the organism from the toxic effects of free heme, all heme:HBP and heme:HTR complexes must exhibit intrinsically high thermodynamic stabilities. Yet, facile transfer of heme between these proteins having high heme affinities must be possible. Thus the second design criterion is that it must be possible to modulate the high stabilities of the heme:HBPs and heme:HTRs through specific interactions with the partners to which they pass their cargo. The free energy of interaction between heme-loaded proteins and their targets must be transduced to impose driving force and kinetic lability on the transfer of heme from the donor to its target, i.e. effective direction of heme to HO for liberation of its iron can be viewed as being mechanistically driven. Work on bacterial assimilation of the iron from heme along with our recent biophysical characterization of some of the proteins involved suggests that the HBPs can be classified in three groups; those having anionic tyrosinate axial ligands, those having axial His ligands, and those having axial His and Met ligands. In this study, the HBPs and HTRs from S. dysenteriae and P. aerugenosa will be examined. Based on genetic studies, the proteins involved in heme uptake and transport have been identified. The general hypothesis to be addressed by this proposed study is that the aforementioned axial ligand environments correlate with distinct mechanisms for heme binding, transport, and release in the aforementioned organisms. We will identify contribution(s) from heme coordination chemistry to the stabilities of the heme:HBP and heme:HTR complexes. We will further investigate which of those contributions could be modulated by complexation of heme:HBP or heme:HTR with its target protein for heme transfer. The long-term goal of our work with heme uptake and transport proteins is to elucidate the mechanistic parameters that govern the specificity and efficacy of heme transfer. The relevance of this work to human health lies in the potential of the results to ultimately provide new inroads into treatment of bacterial infections. In this project, the means by which bacterial pathogens acquire heme from their hosts and assimilate the iron necessary to establish infection will be investigated at the level of molecular mechanism. The relevance of this work to human health lies in the potential for knowledge of heme uptake by bacterial pathogens to ultimately provide new inroads into treatment of bacterial infections.	$ 38,000	0.00	$ -
NORTH DAKOTA STATE UNIVERSITY	School	The goal of the parent grant is to establish a Center for Visual and Cognitive Neuroscience (CVCN) at North Dakota State University. One of the CVCN laboratories, supporting the overall goals of CVCN, is the Object Recognition Lab led by Mark Brady. Work in this lab seeks to understand and model human object recognition mechanisms. CVCN has the facilities to employ a number of methodologies and the corresponding expertise to support object regognition research. We have considerable capabilities in the areas of ERP, psychophysics, photometrics, and computational simulation. However, one area of expertise that would be very useful but is lacking in CVCN is intracranial electrophysiology. Since our models of human behavior at the psychophysical level are meant to represent neural processing, it is most useful to measure such neural processing directly. For this reason, we are proposing to collaborate with Barrows Neurological Institute in Arizona and the Medical College of Georgia in order to gain expertise and experience in this important area. Mark Brady will visit each of these two institutions for a total of four weeks. The proposal also seeks to increase the partial employment of or add new positions for 6 individuals.	$ 179,659	1.83	$ 96,449

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NORTH DAKOTA STATE UNIVERSITY	School	The goal of the parent grant is to establish a Center for Visual and Cognitive Neuroscience at North Dakota State University. One Center initiative consists in a translational and collaborative project lead by Dr. StÃ©phane Rainville that aims to accelerate the pace of R & D for a safe, rapid, behavioral/non-invasive cost-saving diagnostic tool sensitive to early symptoms of neurological disorders such as multiple sclerosis (MS), Parkinson's disease (PD), schizophrenia, and Alzheimer's disease in which the temporal coherence of neural dynamics is compromised. Dr. Rainville's basic research program investigates causal links between neurophysiological and behavioral data as they pertain to the temporal correlation (TC) hypothesis â€“ the fundamental concept that neurons synchronize their outputs to signal their inclusion into temporary cell assemblies required for particular computations. Dr. Rainville has already demonstrated the effectiveness of a 'two-probe' behavioral paradigm that, according to his computational models heavily rooted in neuronal physiology, is able to measure the behavioral correlate of synchronous neuronal outputs. Behavioral data from Rainville's laboratory match modeling predictions and are therefore extremely encouraging. Acquiring hands-on expertise in physiological data collection and analysis (as it relates to the TC hypothesis) is the critical missing link for validating the potential of the 'two-probe' paradigm as a quick, cheap, and easy diagnostic tool for neurological disorders involving a breakdown in the temporal coherence of neural signals. Indeed, the litmus test for any neurocomputational model is to jointly predict physiological and behavioral outcomes. To accelerate the physiological component of Dr. Rainville's translational research, this project proposes to enable training opportunities with the laboratory of Dr. Charles Schroeder â€“ a top scientist at the Nathan Kline Institute for Psychiatric Research in New York City â€“ whose expertise lies chiefly in investigating the physiology of TC through electroencephalographic and single-cell methodologies. Dr. Schroeder has kindly agreed to train Dr. Rainville and his students in physiological measurement techniques (see letter of support), and both he and Dr. Rainville expect it to grow into collaborative efforts involving cross-fertilization and synergy between their shared ideas yet complementary methodologies for investigating TC and translating findings to clinical settings. This proposal also includes provisions for key staff retention and hiring, enhancement of career profiles, and expertise dissemination.	$ 238,559	0.95	$ 118,365
NORTH DAKOTA STATE UNIVERSITY	School	This Major Research Instrumentation-Recovery and Reinvestment (MRI-R2) award provides funds to support the acquisition of a Zeiss PALM MicroBeam IV Laser Microdissection Pressure Catapulting System (LMPCS) that enables and enhances life sciences research at North Dakota State University (NDSU). Research to answer basic science queries ranging from high-resolution gene mapping of polyploid species to the intricacies of biocompatibility between cells and engineered matrix will benefit from this acquisition. The new LMPCS system also improves the training of graduate students and postdoctoral associates through access to state-of-the-art technology. NDSU is a Land Grant institution that integrates research with education in an array of doctoral and Master's degree disciplines, including biology, biomaterials, cellular and molecular biology, microbiology, immunology, pathogenesis, pathology, physiology, reproduction, and others. Additionally, undergraduate and high school students are provided the opportunity to engage in research at NDSU, and will have access to the LMPCS. The microdissection technology lends itself to educational efforts and will be valuable for use in didactic laboratory courses, as well as demonstration in research theory courses and regional outreach workshops. Results from these studies will be disseminated by student and faculty presentations at regional and national meetings, and through publication in peer-reviewed journals.	$ 500,667	0.42	$ 59,633

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NORTH DAKOTA STATE UNIVERSITY	School	Project Objective: The primary goal of this project will be to examine the possible development of protective coatings for the interior of process equipment and pipelines handling dSCCO2. There is some indication that handling of dSCCO2 may introduce here-to-for unanticipated corrosion in standard processing equipment and pipeline materials used for clean SCCO2. Project Description: This is a proposed study of specialty coatings development for use in co-sequestration processes and pipeline transport of dirty Supercritical CO2 (dSCCO2) fluids. Test methods appropriate to such property characterization under such conditions will be developed and extended to use with the NDSU Combinatorial Materials Science development laboratory. Synthesis and testing of polymers for physical properties appropriate to process and pipeline use in the co-sequestration system will be the preliminary task, then pigmentation of the candidate polymers for proper physical performance. Consideration will be given to appropriate exterior coatings systems as well as implantation of sensors within the coating systems. Potential Impacts In lieu of being totally dependent on very expensive specialty steels for proper handling of dSCCO2, we are proposing the examination of the extension of protective coatings technology to possibly allow the use of more standard low cost process materials and pipeline steels. As the co-sequestration process matures and becomes a candidate for possible of large scale use for greenhouse gas control, providing the option for use of protective coatings for system safety and health and well as cost control may become very important.	$ 298,949	1.36	$ 41,118
NORTH DAKOTA STATE UNIVERSITY	School	This collaborative proposal from the North Dakota State University and the University of South Dakota requests funds to purchase an automatic isothermal titration microcalorimeter (auto-ITC200 from Microcal/GE Healthcare Biosciences) for Biomaterials research and education. The proposed instrument determines binding parameters (i.e., stoichiometry, association constant, enthalpy and entropy) in a single experiment, employing a very small sample size (5-10 g per experiment). The instrument determines binding constants in the range 102 - 109 M - 1 and the limit can be further enhanced by employing competitive binding techniques. It is fully automated to run 50 samples per day. Currently, 10 faculty researchers (25 graduate and 20 undergraduate students) at NDSU and USD are studying the interactions of peptide nanofibers, lipid- and polymer-based nanoparticles with proteins, DNA fragments, aptamers and antibodies. Complete thermodynamic characterization of the binding is a critical need for all of these research projects. However, the only ITC available is located in the Biochemistry Department at NDSU and the instrument is more than 12 years old (VP ITC from MicroCal Inc., purchased in 1997) and the injection assembly is not communicating properly with the control computer. The instrument is inadequate to satisfy the needs of the growing numbers of Biomaterials researchers of the two universities. In addition, this instrument is not set-up as a cost-center and often the access is fairly restricted. The proposed auto-ITC200 instrument will ensure that the faculty researchers and their students at NDSU and USD have access to a state-of-the-art microcalorimeter. This will also impart appropriate training to the graduate and the undergraduate students at both universities. The proposed instrument will be set-up as a cost-center and the generated user fees will be used for maintenance and upgrade. To effectively share the instrument between NDSU and USD, cyber infrastructure-based protocol will be followed for time allocation, data processing and data retrieval using the North Dakota NSF EPSCoR supported, high-speed network connection.	$ 351,764	0.16	$ -

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
NORTH DAKOTA STATE UNIVERSITY	School	The focus of this proposal is to investigate the molecular mechanisms governing Ikaros-mediated transcriptional regulation of vasoactive intestinal peptide receptor - 1 (VPACR-1) in T lymphocytes. Ikaros is a master regulator of lymphopoiesis and sets the threshold for T cell activation. Ikaros mutated mouse models develop an aggressive lymphoblastic leukemia with 100% incidence. Some human leukemias express mutated dominant negative Ikaros isoforms that inhibit full-length Ikaros DNA binding. Decreases in Ikaros DNA binding capacity may downregulate a subset of genes capable of regulating T cell proliferation. Recently, we demonstrated that the gene for VPACR-1, a G protein coupled, anti- proliferative receptor expressed on nah've CD4 T cells, is a novel gene target for Ikaros. Signaling through the anti-proliferative VPACR-1 receptor may naturally impede cell cycle entry in CD4 T cells. Therefore, a decrease in Ikaros protein and/or DNA binding capacity, during certain etiologies of lymphoblastic leukemia, may downregulate VPACR-1 and contribute to uncontrolled proliferation. Understanding how Ikaros regulates VPACR-1 in na'fve and activated CD4T cells may 1.) provide insight into a crucial downstream event from Ikaros that contributes to uncontrolled proliferation in hematopoietic disorders and 2.) lead to an understanding of the role Ikaros-mediated regulation of VPACR-1 plays in normal immune function, such as suppressing bystander T cell activation in certain organs including the gastrointestinal system. Therefore, the aims of this research are to 1.) confirm bi-directional effects of Ikaros on VPACR-1 expression in primary naive and activated CD4 T lymphocytes, 2.) demonstrate which PKC pathway signaling proteins mediate TCR-dependent VPACR-1 downregulation, and 3.) identify IK phosphoacceptor residues that mediate IK recruitment to heterochromatin during T cell activation.	$ 53,200	0.57	$ -
OBERON SCHOOL DISTRICT 16	School	School Construction	$ 12,055	0.10	$ 12,055
SOLEN PUBLIC SCHOOL DISTRICT	School	School Construction	$ 44,490	0.00	$ 44,490
STANDING ROCK COMMUNITY SCHOOL	School	Improve teaching and learning for students most at risk of failing to meet State Academic Achievement Standards.	$ 1,074,000	0.00	$ 268,500
STANDING ROCK COMMUNITY SCHOOL	School	Renovations started	$ 8,178,018	56.00	$ 773,857
STANDING ROCK COMMUNITY SCHOOL	School	Ensure that each homeless child and youth has equal access to the same free, appropriate public education, including a public preschool education, as other children and youth.	$ 27,000	0.00	$ -
STANDING ROCK COMMUNITY SCHOOL	School	Educational Technology State Grants to States to Improve Student academic achievement through the innovative use and the effective integration of new and emerging technology with teacher training, curriculum development, and successful researched-based instructional methods in elementary and secondary schools.	$ 94,015	0.00	$ 94,015
TWIN BUTTES SCHOOL DISTRICT 37	School	Improve teaching and learning for students most at risk of failing to meet State academic standards	$ 75,700	0.00	$ 75,700
UNITED TRIBES TECHNICAL COLLEGE	School	Improve teaching and learning for students most at risk of failing to meet state academic achievements standards Increasing Teacher effectiveness and Data Systems and Data for Improvement	$ 295,800	5.04	$ 295,800

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
UNIVERSITY OF NORTH DAKOTA	School	The proposed project will investigate the coldest and driest parts of the Transantarctic Mountains (Ong Valley at Nimrod Glacier and Moraine Canyon at Amundsen Glacier) where the lack of running water and biological activity in the modern environment is thought to have preserved the landscape, essentially unchanged, for millions of years. Contrary to this common belief, it is hypothesized that the landscape does evolve, perhaps as fast as many surfaces in the Dry Valleys area where both loose soil and bedrock surfaces have been degrading at a rate of about 1-2 m/Myrs for the past several million years. The research team will rely on analysis of the both stable and radioactive cosmogenic isotopes that accumulate in near surface soil and bedrock. Collectively these measurements allow comparison of the long term landscape evolution to current processes and environmental drivers such as wind speed. The results of this work will improve understanding of the evolution of the Earth's surface and directly aid in evaluating imagery of Martian geomorphology. Continued reliance on students provides a broader impact to this proposed research and firmly grounds this effort in its educational mission.	$ 247,684	0.07	$ 6,047
UNIVERSITY OF NORTH DAKOTA	School	The gases in the upper troposphere and lower stratosphere (UT/LS) have a significant effect on the chemical and radiative budgets of the global atmosphere, crucial to understanding climate change. To understand the chemical makeup of the UT/LS region, a much better understanding of deep convective transport is needed. Transport in deep convection is unique in its ability to entrain constituents from the near surface and rapidly transport them to the UT/LS region where they are detrained. The variability of entrainment and detrainment in storms is not captured in current climate model convective transport parameterizations. This study proposes to address these problems with a tripartite approach. First, using dual-Doppler velocity data from field campaigns, the observed detrainment profile will be derived for a suite of storms covering a range of storm morphologies and background environments. Second, radar reflectivity data from the same field campaigns will be used to look for relationships between velocity-derived detrainment profiles and the reflectivity fields. The goal of the second part of the proposal is to define an algorithm for processing radar reflectivity observations that will allow for estimates of convective mass transport based on radar reflectivity observations over any region covered by the weather radar network. Third, cloud-resolving models will be used to assess the quality of reflectivity-based transport estimates for specific storms. Using the combination of radar reflectivity observations and modeling, a climatology of convective transport over the central United States will be compiled. Improvements in understanding and modeling of deep convective transport resulting from this study will directly benefit many complementary modeling efforts and improve understanding of convective transport of gases into the UT/LS. Ultimately, these results can be used to reduce uncertainty in climate prediction models, a critical need considering the climate challenges facing humanity.	$ 333,155	0.60	$ 41,302

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
UNIVERSITY OF NORTH DAKOTA	School	The goal of this research is to improve understanding of severe convective storms using numerical models with particular attention to genesis, structure and evolution of supercells and tornadoes in increasingly realistic environmental conditions. Research questions include: 1) Why some supercell-spawned tornadoes are particularly long-lived? 2) How environmental conditions influence tornado genesis, intensity, and longevity? 3) How capping inversions and microphysical makeup influence cold pool strength and the development of low-level rotation in supercell storms? 4) How storm interaction and mergers impact tornado genesis? Observations, numerical modeling and data analysis will be used to address the research questions. The methodological approaches build on the Principal Investigators' (PIs) past work including the successful simulation of an intense and long-lived supercell-spawned tornado, simulations of supercell storm environment at 1 km resolution, assimilation of polarimetric radar observations, and coarse-resolution simulations of storm interactions. Observations will be used to guide parameter studies and for data assimilation while modeling will provide consistent and high resolution space and time data sets for analysis and the means to explore controlled parameter spaces. The modeling studies build on advances in model physics, model parallelization/nesting, new methods for initiating sustained storms in the presence of capping inversions, and ensemble Kalman filter based data assimilation methods. The research will take advantage of the availability of computing systems approaching the petascale as well as future systems such as Blue Waters to be deployed at the University of Illinois in 2011 which will be capable of sustaining petaflop performance for weather and storm simulation. Intellectual Merit of Proposal: The work is aimed at increasing the understanding of supercell/tornado genesis, and structure and evolution. Numerical simulation provides a unique approach for testing hypotheses as well as providing complete data sets for analysis and visualization. It also provides a means to simulate multiple scales, namely the supercell and any tornadoes embedded within it. Of particular interest is determining what environmental conditions and what balance of forces are required for simulations of quasi-steady and long-lived supercell-spawned tornadoes. Broader Impacts: The research will potentially improve public warnings. In particular, the PIs will contribute to understanding why some supercell storms produce tornadoes while others do not. Given the upgrade of the WSR-88D radar network that is currently underway, research on the assimilation of polarimetric radar data will provide new insight as to how to best use this data in storm forecasting. Research findings will be communicated via conference presentations, peer-reviewed journal articles and instructional modules for wider use by meteorological education, research and operational communities. The results will be used in classes at the University of Illinois and University of North Dakota. In addition, the researchers will be working with National Center for Supercomputer Applications on a storm exhibit at the Chicago Museum of Science and Industry. The latter will include interactive tools for exploring simulation data as well as visualizations from supercell/tornado simulations. Three graduate students will be supported and cross institution	$ 390,000	0.88	$ 78,822
UNIVERSITY OF NORTH DAKOTA	School	The cardiovascular system is the first operational organ system in developing vertebrates and proper control of its function, which transports oxygen and nutrients, is absolutely critical for the subsequent normal development of the animal. Any perturbation, whether natural or experimental, of its normal function will negatively impact further development and ultimately embryo survival. This project will entail an extensive investigation of the cardiovascular system during the development of two reptilian vertebrates, American alligators and common snapping turtles. Prior studies have shown that these animals experience alterations in the developmental environment (the nest), resulting in periods of hypoxia (low oxygen levels). This research project will determine the effects of these hypoxic periods on the gene expression, regulation, and function of the cardiovascular system in order to construct a complete picture of the environment-induced changes in embryonic cardiovascular physiology. Given the potential for variation in nest temperature, water content and oxygen content, this study will clarify how environmental stress can alter the embryonic survival of these species as well as other egg-laying vertebrates. During the tenure of this research project several education goals will be achieved. This project will further physiological education on the UND campus through the development of a specialized course in physiology and will have regional impact through the development of the internet based experimental modules in physiology. In addition, Native American students will participate in a summer research experience program.	$ 1,015,598	1.25	$ 148,133

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
UNIVERSITY OF NORTH DAKOTA	School	Temperature-dependent sex determination (TSD) was first reported 40 years ago in an African lizard. It has since been shown that temperature determines sex in some fish and amphibians, several lizards, numerous turtles, and all crocodilians. Nevertheless, the mechanism underlying TSD is not known in any species. The goal of the proposed research is to dissect the molecular basis of TSD in the common snapping turtle, Chelydra serpentina. This will be accomplished by (1) sequencing all genes expressed in gonads from embryos incubated at male- and female-producing temperatures, (2) breeding adult turtles to study genetic influences on sex determination in their offspring, and (3) genetic analysis of gene expression profiles in a subset of offspring from the breeding study. This information will be integrated to identify the temperature-sensitive gene (or genes) responsible for TSD and to reveal the gene networks for testis and ovary development, which is basically the same in all vertebrates. These experiments promise to get us closer to understanding the mechanism underlying TSD than has the previous 40 years of research. This work may provide new insight into the effects of climate change on endangered TSD species like sea turtles and a deeper understanding of sex determination in all vertebrates, including humans. Sequences for thousands of turtle genes could also be used for studies of other biological processes in turtles. Finally, this project will have a broader impact on education. Aspects of this research will be incorporated into undergraduate biology classes at UND. This represents a major advance in experiential learning of molecular biology for majors and non-majors. In addition, women, minorities, and North Dakota residents will be recruited into the PI?s laboratory, which will help increase the diversity of the nation?s scientists.	$ 467,847	1.88	$ 99,598
UNIVERSITY OF NORTH DAKOTA	School	DESCRIPTION (provided by applicant): The North Dakota INBRE has succeeded beyond all reasonable expectations in fulfilling the IDeA program's goal of establishing an undergraduate research culture in the state's primarily undergraduate institutions (PUIs). Furthermore, each of the four PUIs in North Dakota have developed a culture capable of sustaining and enhancing these INBRE-sponsored undergraduate research programs. The ND INBRE has also advanced these efforts into the Native American community with the successful establishment of a genetics based, undergraduate-driven research program on pre-eclampsia at Turtle Mountain Community College. An introduction to research course has recently been developed by Native American faculty for the Cankdeska Cikana Community College, the ND INBRE has taken the lead in funding and stabilizing the K-12 portion of the Indians into Medicine Program. This program produces over 25% of the Nation's Native American physicians. Evidence is accumulating that the ND INBRE undergraduate research programs are having an impact on the pipeline of undergraduates entering biomedical research. A focused goal of ND INBRE in the coming year will be to develop bioinformatics beyond wire and library resources. Aim 1: To Continue to Support and Enhance the Outstanding Undergraduate Research Programs. Aim 2: To Continue to Support and Expand Efforts to Engage Native American Students in Undergraduate Research. Aim 3: To Continue to Support the INMED Summer Academy and Pathways Program. Aim 4: To Continue Support for a Previously Established Proteomics Core Facility and Continue Development of a Metal Analysis Core. To Initiate a Cutting-Edge Bioinformatics Program. Aim 5: To Establish a Community-Based Participatory Research Core. Aim 6: The Development of a Network that Encourages Scientific and Professional Interactions Among the Partners and Enhances the Pipeline of Students Entering Biomedical and Behavioral Research. PUBLIC HEALTH RELEVANCE (provided by applicant): The partners of the ND INBRE can state that all undergraduates in the State's PUIs, that were qualified and desired an undergraduate research experience in science, have been afforded this career-building opportunity. Furthermore, each of the four PUIs in North Dakota have developed a culture capable of sustaining and enhancing these INBRE-sponsored undergraduate research programs, all of which offer year-long, in-institution, participation in the undergraduate research enterprise.	$ 135,000	1.66	$ 56,955

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
UNIVERSITY OF NORTH DAKOTA	School	DESCRIPTION (provided by applicant): The dopamine transporter (DAT) is the primary mechanism by which extracellular dopamine (DA) is cleared from the synaptic space. As such it performs a key role in terminating dopaminergic neurotransmission and in regulating the concentration of DA available for binding to pre- and post-synaptic receptors. DATs are targets for numerous psychoactive drugs including abused compounds such as cocaine, and amphetamine (AMPH), and therapeutic agents such as Ritalin and Wellbutrin. Dysrgulation of DAT, which would lead to abnormal levels of DA, is speculated to occur in dopaminergic diseases such as Parkinson's disease and schizophrenia, although mechanisms are not known. DATs are highly regulated proteins, with current evidence implicating the involvement of numerous protein kinases including Protein Kinase C and Calcium- Calmodulin Dependent Protein Kinase. While we know that DATs are metabolically phosphorylated, we do not know the precise sites on the protein that are modified, the kinases or phosphatases that catalyze phosphate addition or removal, or the molecular basis by which phosphorylation effects functional regulation. There is also only marginal understanding of the relationship of this process to abused or therapeutic drugs. The long term goal of this project is to clarify the precise mechanisms by which DAT is regulated by phosphorylation. The specific aims are to elucidate the kinases and phosphatases involved, the amino acids modified, and the subcellular regions where these processes occur; determine how phosphorylation at specific sites impacts AMPH-stimulated efflux; and to determine how phosphorylation is impacted by DAT blockers. The completion of these studies will provide a much more precise understanding of DAT phosphorylation and how this process could be related to dysregulation of DAT in dopaminergic diseases and drug abuse. PUBLIC HELATH RELEVANCE: The completion of these studies will provide a much more precise understanding of DAT phosphorylation and its role in processes induced by amphetamine and dopamine transport blockers. This information may thus be useful in elucidating novel therapeutic targets for treating drug addiction, and help to clarify potential links to DAT dysregulation in dopaminergic disorders such as Parkinson's disease and depression.	$ 351,810	2.26	$ 271,474
UNIVERSITY OF NORTH DAKOTA	School	DESCRIPTION (provided by applicant) The University of North Dakota STEER is designed to support undergraduate training in the environmental health sciences within the University of North Dakota. The STEER training program will expand and compliment the ongoing NIH IDeA INBRE program that is focused on fostering undergraduate biomedical research at the State's primarily undergraduate institutions and the enhancement of the undergraduate pipeline to the health professional schools. The North Dakota INBRE is focused on 'Health and the Environment'. The present application is targeted at filling an important gap in undergraduate training in the environmental sciences not provided by the North Dakota INBRE program. This gap is the support of undergraduate environmental science training for undergraduate students at the INBRE host research-intensive institution, the University of North Dakota. The present application will use the INBRE foundation to initiate a strong undergraduate training program in environmental health science at the University of North Dakota. The research theme will be to advance the hypothesis that environmental agents which elicit human disease cause cellular alterations in cell structure and function that can be identified as predictive biomarkers of disease development and progression. To advance this theme, the students will be involved in research that studies the role of the environmental pollutants, arsenic and cadmium, in the development and progression of human bladder, breast, prostate, and renal disease. The aims of the program are: to provide an undergraduate research experience in environmental sciences to undergraduate students at the University of North Dakota; to provide an introduction to environmental health sciences to undergraduate students at the University of North Dakota; and, to use infrastructure developed in the INBRE program to support STEER programmatic efforts and vice versa over the life of the award mechanisms.	$ 43,200	0.65	$ 20,456

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
UNIVERSITY OF NORTH DAKOTA	School	The CIP grant award will support equipment and health information technology needs at FHC. Specifically, funding will be utilized to support needs associated with EMR implementation, including hardware, software, and network needs. Funding will also provide the opportunity to acquire enhancements to the EMR, such as e-prescribing, interfaces for lab and transcription, electronic faxing, and data management and reporting. Outdated equipment at the medical and dental clinics will be replaced. Outdated x-ray equipment will be replaced with digital technology at the medical facility.	$ 686,660	0.00	$ 167,380
UNIVERSITY OF NORTH DAKOTA	School	The Analytical and Surface Chemistry (ASC) program of the Division of Chemistry will support the research program of Prof. Julia Xiaojun Zhao of University of North Dakota. Prof. Zhao and her students will develop a series of new near-infrared fluorescent (NIRF) nanoparticles for sensitive detection and imaging of trace analytes in biosamples. The resulting fluorescent nanoparticles are expected to show highly intense and photostable fluorescence signals, clearly discrete excitation and emission peaks, high water solubility, high biocompatibility and low toxicity. These particles are likely to find use in biomedical, environmental and homeland security applications. The project will provide excellent training opportunities to students in bionanotechnology. Prof. Zhao will continue her on-going educational and outreach activities aiming to engage Native American undergraduate students in her research and promote the field of nanoscience to a wide audience in the State of North Dakota.	$ 600,000	0.00	$ 29,402
UNIVERSITY OF NORTH DAKOTA	School	The purpose of this award is to expand access to needed primary health care services to underserved populations in the service area and to support the creation of jobs to support the business operations of FHC.	$ 259,817	6.25	$ 259,817
UNIVERSITY OF NORTH DAKOTA	School	This grant will support increasing FHC's physical capacity to better respond to the increase in demand for services. The project includes the acquisition and remodeling of an existing historic building in downtown Fargo, ND. Currently, FHC operates 3 separate sites in Fargo: a medical and dental clinic, Homeless Health Services, and administrative offices. The project will co-locate these sites under one roof. Co-location will allow FHC to further improve operations, utilize resources in a more efficient manner, and provide better patient access to enhanced services. The project repressents approximately doubling the existing clinical capacity from 27,000 to 50,000 sq.ft and will result in 33 medical exam rooms, 7 dental operatories, and additional space for behavioral health services, community programs, administrative offices, and meeting areas. Once fully operational, it is expected FHC will serve over 26,000 unique patients and provide more than 63,000 visits per year. The project will create 18 full time new positions at FHC in the first year of operations and 58 full time construction-related jobs. This grant will benefit low income, uninsured and underinsured individuals living in Cass County, ND and Clay County, MN. At least 20% of all patients served by the program reside in rural areas of ND and MN. A change in scope is proposed to add on-site mental health services and comprehensive dental services to include dentures. This project represents a significant source of economic stimulation for the service area. The project will act as a catalyst for broader economic development in the local economy, and serve as an anchor by attracting investment to the community; creating a significant number of jobs to area residents; increasing health access to low income families; and providing long-term stimulation for economic revitalization. The project is aligned with City of Fargo plans to revitalize the downtown area.	$ 6,666,583	0.00	$ 182,125

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
UNIVERSITY OF NORTH DAKOTA	School	OBJECTIVES The objective of this project is to train graduate students in carbon capture technologies through fundamental research that includes a primary research experience. Undergraduate students will also participate in the primary research experience which has the following task-specific objectives: Task 1: Effectively execute this program by following a continuously updated management plan. Task 2: Fabricate lab-scale and bench-scale test systems to support tasks 3 and 4. Task 3: Assess the capability of a range of composite polymer membranes and porous membrane contactors to regenerate physical and chemical solvents for CO2 capture in a lab-scale batch test system Task 4: Perform a detailed assessment of the most promising membrane candidates in a bench-scale continuous test system. Task 5: Perform a Commercial Feasibility Study. SCOPE OF WORK The primary research included in this program will investigate two membrane-based alternative solvent regeneration processes for both chemical and physical solvents in laboratory scale testing. This includes several types of composite polymer membranes and porous membrane contactors. Candidate membranes will first be evaluated in a lab-scale batch system, which will be constructed specifically for this project. Membranes with promising results will then be evaluated in a continuous bench-scale process in which the rates of CO2 removal, solvent loss, and solvent degradation will be measured. Further evaluation with simulated syngas will be conducted to determine the effect of other gas components, including H2, H2S, and CO, on membrane performance. DELIVERABLES Periodic, topical, and final reports will be prepared in accordance with the Federal Assistance Reporting Checklist. The following are reports associated with the completion of project milestones. Task 2.1: Fabrication of batch lab-scale system for membrane evaluation. A report that describes the test equipment and operating procedures. Task 2.2: Fabrication of bench-scale continuous process. A report that describes the test equipment and operating procedures. Task 3. Lab scale membrane trials. A report that summarizes the results of testing and makes recommendations for continuous testing. Task 4.1 . Primary Bench-scale Trials. A report that summarizes the results of testing and key findings with recommendations for combinations of membranes and solvents for task 4.2. Task 5. Commercial Feasibility Analysis. A report that includes a comparison analysis of the potential for membrane solvent regeneration technologies to current technologies.	$ 300,000	0.96	$ 28,049
UNIVERSITY OF NORTH DAKOTA	School	The University of North Dakota proposes to demonstrate the technologic and economic feasibility of generating continous electrictiy from non-onventional low tempaeature (T~210 F) geothermal water using binary organic Rankine cycle technology with air as the condensing medium. We propose to install an ORC electric power generating unit at a water-flood site and sell the power either directly to the locl rural cooperative or to another buyer of renewable energy. The project will develop and disseminate a model that can be used to facilitate the installation of similar ORC systems in other oil and gas settings.	$ 1,733,864	0.17	$ -

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
UNIVERSITY OF NORTH DAKOTA	School	This Major Research Instrumentation-Recovery and Reinvestment (MRI-R2) award funds the acquisition of an integrated set of instruments to enable medium to high-throughput analysis of DNA, RNA, and protein at the University of North Dakota (UND). A high capacity PCR unit, tissue homogenizer, and associated liquid handling robot greatly enhance the UND infrastructure to support biological research. The instrumentation enables cutting-edge research training and classroom education in engineering and life sciences at the interface of disciplines, i.e., ecological genomics, systems biology, and the human-robot interface. The research is unified by an emphasis on the genetic, epigenetic, and genomic bases of biological responses to environmental stressors, including abiotic factors like temperature, atmospheric gases, humidity, and heavy metals and biotic factors like herbivores and nutrition. The influence of high-throughput technologies reaches beyond pure research to provide significant new educational opportunities for undergraduate and graduate students. Such training opportunities are especially important for students who are demographically underrepresented in the life sciences and engineering. The nature of modern research is epitomized by the newly acquired instruments, stemming from interdisciplinary interactions among engineers, computer scientists, physicists, chemists, and biologists. The instrumentation allows students to gain valuable experiences, and may allow for the attraction or formation of new companies and higher paying jobs to the area, which in turn helps retain the state's talent and brainpower. Results from the studies enabled by the new equipment will be disseminated by student and faculty presentations at regional and national meetings, and through publication in peer-reviewed journals.	$ 397,727	0.00	$ 59,892
UNIVERSITY OF NORTH DAKOTA	School	This project proposes to demonstrate the technologic and economic feasibility of generating continuous electricity from coproduced geothermal fluids using binary ORC technology with air as the condensing medium. We propose to install an ORC electric power generating unit in an oil field site and sell the power either directly to the local rural cooperative or to another buyer of renewable energy. The project will deveop and disseminate a model that can be used to facilitate the installation of similar ORC systems in other oil and gas settings.	$ 1,733,864	0.07	$ -
UNIVERSITY OF NORTH DAKOTA	School	ARRA - Scholarships for Disadvantaged Students	$ 56,458	0.00	$ -

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
UNIVERSITY OF NORTH DAKOTA	School	Project Summary/Abstract Alzheimer's disease (AD) is a complex neurodegenerative disorder for which there is presently no effective therapy. While some genetic mutations are responsible for the familial AD forms, the causative factors for the non-familial forms, which represent the majority of cases, are not known. Identification of risk factors and mechanisms by which these factors contribute to the pathology of AD may therefore aid in better understanding the disease and may ultimately lead to designing an efficient therapeutic strategy to prevent the onset or stop the progression of this devastating disorder. Our longterm objectives are to identify risk factors and mechanisms by which these factors trigger the pathogenesis of AD. Hypercholesterolemia is a potential risk factors for AD. However, the mechanisms by which high blood cholesterol levels affect the brain and increase the risk of AD are not known. The objective of this application is to determine the extent to which cholesterol-enriched diets cause cellular damage in the brain with AD features. We will be using a long-term cholesterol-enriched diet in the rabbits a model system that we have found to demonstrate iron deposition, ?-amyloid (A?) accumulation, and oxidative stress, all hallmarks of AD. Our hypothesis is that cholesterol diets increase levels of the cholesterol metabolite, 27-hydroxy-cholesterol, which crosses a disrupted blood brain barrier (BBB) and activates the endoplasmic reticulum stress response, thereby activating the growth arrest-and DNA damage-inducible gene 153 (gadd153) and the cytokine, TNF-?. While activation of gadd153 triggers the generation of reactive oxygen species and the overproduction of A?, the activation of TNF-? alters iron metabolism, induces apoptosis and exacerbates oxidative stress. To test our hypothesis, our specific aims are as follows: Aim I. Identify mechanisms that underlie hypercholesterolemia-induced oxidative stress, A? accumulation and iron dyshomeostasis. We will determine the role of gadd153 and TNF-? in iron dyshomeostasis, oxidative stress induction and A? accumulation. Aim II. Determine the extent to which chelation of iron protects against the deleterious effects of hypercholesterolemia. We will determine the effect of the iron chelator, deferiprone, on hypercholesterolemia-induced iron dyshomeostasis, oxidative stress and A? generation. Aim III. Determine the extent to which lowering blood cholesterol levels reduces the entrance of 27- hydroxycholesterol into the brain, thereby inhibiting oxidative stress, iron dyshomeostasis, and A? accumulation. We will compare the effects of pravastatin (a hydrophilic statin that has a low propensity to cross the BBB) and simvastatin (a lipophilic statin that readily cross the BBB) on oxidative stress, iron dyshomeostasis, and A? accumulation. Successful completion of the present proposal may reveal the missing link between high blood cholesterol levels and AD-like pathology in the brain. Project narrative Hypercholesterolemia is a serious health issue in the U.S.A. which, in addition to cardiovascular problems, may also increase the risk for Alzheimer's disease. However, the mechanisms by which high blood cholesterol levels cause AD pathology are not known. The outcome of this proposal may aid in a better understanding of the mechanisms by which high cholesterol levels in blood cause degeneration characteristic of AD, and may ultimately help in designing	$ 27,600	0.75	$ -

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
UNIVERSITY OF NORTH DAKOTA	School	DESCRIPTION (provided by applicant): The overall goal of the present work is to characterize the cell and molecular mechanisms that regulate neural and vascular cell interactions during development. The central objective of this work is to determine the role of vascular endothelial growth factor (VEGF) in regulation of neurogenesis. Results from the proposed study will impact our understanding of the development of the central nervous system (CNS) as well as the plasticity of the CNS in response to mechanical injury or pathologic stress. Neural and vascular systems develop in concert and several factors have been identified with overlapping function in the two systems. An emerging model of neural and vascular system interdependence includes the potent angiogenesis factor, VEGF, and its dual role as a neural regulator. The angiogenesis-inducing effects of VEGF are largely mediated via activation of the VEGF receptor-2 (VEGFR2) homodimer that can use the co-receptor, neuropilin 1. Neuropilin 1 plays a critical role in mediating axon guidance cues, but can also contribute to angiogenesis via its association with VEGFR2. VEGF is expressed predominantly as three isoforms in the mouse, VEGF120, VEGF164 and VEGF188. Results from homologous recombination studies in mice have led to the suggestion of distinct roles for the different VEGF isoforms. The isoforms differ in their ability to bind to heparan sulfate proteoglycans in the matrix and on the cell surface and to interact with the neuropilin 1 co-receptor. Only VEGF164 has been shown to bind to and activate the VEGFR2/neuropilin 1 complex. VEGF164 is the predominant isoform in the brain. Although a number of studies have suggested a role for VEGF in the nervous system, little is known about the direct role that VEGF plays in neurogenesis. The hypothesis of this proposal is that VEGF regulates developmental neurogenesis via the VEGFR2-neuropilin pathway. The hypothesis will be tested with the following aims: 1) to characterize the cell-type specificity and expression patterns for VEGF, VEGFR2 and activated VEGFR2 during developmental neurogenesis in the CNS and 2) to test the role of VEGF-neuropilin signaling in developmental neurogenesis in mice lacking VEGF-neuropilin signaling. Project Narrative: The results from experiments described in this proposal are directly relevant to human health in the areas of brain development, function, and repair. Neuronal stem cells are the source of all brain neurons and have recently been found in the adult. Understanding how neural stem cells arise, differentiate, divide and die may be the key to finding out how to restore brain function after debilitating CNS injuries such as stroke, lesion, and neurodegenerative disease.	$ 29,160	0.00	$ 28,952
WHITE SHIELD SCHOOL DISTRICT	School	Improve teaching and learning for students most at risk of failing to meet State academic standards	$ 209,700	0.00	$ 209,700
CORRECTIONS AND REHABILITATION, NORTH DAKOTA DEPART OF	State	Funds to be awarded only to eligible victim assistance organizations; not to be used to supplant state and local funds otherwise available to provide crime victim assistance, and at minimum, assist victims in the following categories: Sexual assault, child abuse, domestic violence, and under-served victims of violent crimes as identified by state law.	$ 542,000	15.55	$ 263,004
COUNCIL ON THE ARTS, NORTH DAKOTA	State	To support the preservation of jobs that are threatened by declines in philanthropic and other support during the current economic downturn.	$ 290,000	12.50	$ 290,000
HEALTH, NORTH DAKOTA DEPARTMENT OF	State	The State of North Dakota Department of Health was awarded a State Clean Diesel Program Grant to fund a project to replace approximately 40 school buses. The general purpose of the grant if to reduce diesel emissions and improve air quality.	$ 1,730,000	0.30	$ 533,929

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
HEALTH, NORTH DAKOTA DEPARTMENT OF	State	The purpose of this work is to implement construction activities at the North Dakota Arsenic Trioxide Superfund Site, which will provide a protective drinking water remedy to rural households in the project area. The remedial action is for Segment 5 of the project, which includes connecting approximately 180 rural users to the rural water system. In addition, the existing water treatment plant and water distribution system will be expanded to handle the increased demand and two additional water supply wells will be installed.	$ 12,000,000	23.73	$ 386,704
HEALTH, NORTH DAKOTA DEPARTMENT OF	State	The purpose of this work is to implement construction activities at the North Dakota Arsenic Trioxide Superfund Site, which will provide a protective drinking water remedy to rural households in the project area. The remedial design is for Segment 5 of the project, which includes developing the design to connect approximately 180 rural users to the rural water system. In addition, the existing water treatment plant and water distribution system will be expanded to handle the increased demand and two additional water supply wells will be installed.	$ 1,800,000	4.58	$ 834,456
HEALTH, NORTH DAKOTA DEPARTMENT OF	State	This award provides the opportunity for recipients to develop and strengthen effective responses to violence against women. These funds will assist by preserving and creating jobs and promoting economic recovery.	$ 812,159	13.63	$ 274,728
HEALTH, NORTH DAKOTA DEPARTMENT OF	State	This grant will add functionality to the existing North Dakota Immunization Information System (NDIIS) to provide Moved or Gone Elsewhere (MOGE) patient designations, capabilities to exchange data between the NDIIS and electronic medical records, a school immunization module, and enhanced immunization coverage assessment reports. The functionality will increase data quality by removing erroneous data, tracking patients? movement between providers and across the state, and increasing immunization information within the NDIIS. The objectives are that by the end of the grant period, the NDIIS will be capable of providing MOGE patient designations, exchanging immunization data with immunization providers, a school immunization module, and updated reporting features for assessing immunization rates. Other activities include outreach and training to healthcare providers and schools about new features in NDIIS and the importance of data collection and timeliness of reporting and recruiting schools to the NDIIS and training them on the school immunization module functionality. Funding is requested for contracts with Blue Cross Blue Shield of North Dakota (BCBSND) and Orion Health to enhance functionality and data quality.	$ 146,360	0.00	$ -

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
HEALTH, NORTH DAKOTA DEPARTMENT OF	State	This grant will support immunization program activities in an effort to increase the number of children and adults vaccinated against vaccine-preventable diseases. Objectives for this grant are in line with the goals and objectives outlined in the original 2008 Immunization Funding Opportunity Announcement (FOA). Operations funding will be used to obtain forecaster and reminder/recall capabilities for the North Dakota Immunization information System. The forecaster will notify immunization providers about immunizations that are due or past due for their patients. Reminder/recall will allow providers to send out reminders to patients about upcoming immunizations that are due or recall patients who are past due for immunizations. Funding will also be used to hold a statewide immunization conference in 2010 in an effort to educate immunization providers, which will in turn increase immunization rates. The NDDoH will use this funding to conduct a statewide television and radio campaign geared towards parents, educating them about the importance of immunizations and when immunizations are recommended. Finally, the NDDoH will award grants to a select number of local public health units to incentivize the creation or enhancement of local immunization coalitions. The NDDoH will comply with American Recovery and Reinvestment Act (ARRA) reporting requirements as outlined in ARRA FOA Section VI.3 and VI.4 and Appendix A. Program staff will submit quarterly reports to Health and Human Services and post on Recovery.gov ten days after the end of each calendar quarter, starting October 2009. The NDDoH will also participate in monthly calls with Centers For Disease Control and Prevention project officers and submit annual reports as required, starting October 2009.	$ 310,296	0.00	$ 21,358
HEALTH, NORTH DAKOTA DEPARTMENT OF	State	The ELC program will coordinate and implement HAI prevention activities and report on progress toward reductions in two or more HHS Action Plan Targets. This will include: â€¢ State HAI Plan coordinator identified â€¢ State HAI Plan submitted to HHS by January 1, 2010. â€¢ State HAI Plan approved by HHS. â€¢ Quarterly reporting on HHS prevention targets â€¢ Finalize State HAI plan â€¢ Submit final plan to HHS by December 31, 2011	$ 201,830	1.05	$ 27,969
HEALTH, NORTH DAKOTA DEPARTMENT OF	State	Administration of Clean Water SRF ARRA projects.	$ 16,639,100	25.87	$ 8,951,719
HEALTH, NORTH DAKOTA DEPARTMENT OF	State	Administration of Drinking Water SRF ARRA projects.	$ 22,100,000	28.79	$ 5,384,812
HEALTH, NORTH DAKOTA DEPARTMENT OF	State	The ARRA funds are used to support additional activities to recruit, retain and support NHSC health care providers and to designate additional workforce shortage areas.	$ 32,270	0.26	$ 10,501

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HEALTH, NORTH DAKOTA DEPARTMENT OF	State	This project supports water quality management planning activities that are authorized under Section 205(j) and 303(e) of the Clean Water Act and the ARRA of 2009. The following are the objectives and tasks/projects assocated with this grant award. A. Provide for watershed and infrastructure planning and reporting. 1. Coordinate with local units of government and interested stakeholders, the development of watershed plans/TMDLs. 2. Conduct appropriate planning activities with regard to green infrastructure needs in the state, water or energy improvements, and other environmentally innovative activities and update intended use plan as necessary for SRF funding. 3. Conduct reporting on the uses of Section 604(b) funds provided by the ARRA of 2009. B. TMDL Development/Watershed Assessment and Planning. 1. TMDL and Watershed Planning and Assessment for Hay Creek. 2. TMDL for Braddock Dam and Water Quality and Watershed Assessment for Long Lake Creek. 3. TMDL for Homme Dam and Water Quality and Watershed Assessment for the South Branch Park River. 4. TMDL for Brush Lake and Crooked Lake and Water Quality and Watershed Assessment for Turtle Creek.	$ 194,300	1.36	$ 19,473
HEALTH, NORTH DAKOTA DEPARTMENT OF	State	USDA FNS WIC - WIC Miscellaneous Technology Project. A. IT contract for new food rule. The ND WIC Program requested funds for enhancement work to the ND WIC computer system (WICnet) which was necessary to comply with USDA-mandated changes to the WIC Program Food Rules (cost $31,475). B. Funding for hardware replacement sent to local agencies ($37,500).	$ 68,975	0.00	$ 66,350
HEALTH, NORTH DAKOTA DEPARTMENT OF	State	ND Wellness and Prevention Tobacco- To increase calls to the ND Tobacco Quitline.	$ 449,712	0.00	$ -
HEALTH, NORTH DAKOTA DEPARTMENT OF	State	This funding will be used to develop and implement policies, change the environment in which eating, tobacco use, and physical activity occur, and impact population groups, rather than individuals. The awards are for a breastfeeding consultant (to work on baby friendly workplace activities), a contracted training for local staff on changing policy and for specialists to work with licensed day care providers to promote more physical activity in child care settings.	$ 364,148	0.56	$ 20,413
HUMAN SERVICES, NORTH DAKOTA DEPARTMENT OF	State	To provide job training opportunities and job placement for unemployed low-income individuals who are 55 or older and who have poor employment prospects.	$ 143,288	0.68	$ 63,593
HUMAN SERVICES, NORTH DAKOTA DEPARTMENT OF	State	Assist in operating statewide comprehensive, coordinated, effective, efficient and accountable programs of vocational rehabilitation, which are in integral part of a statewide workforce investment system; and designed to assess, plan, develop, and provide vocational rehabilitation services for individuals with disabilities, consistent with their strengths, resources, priorities, concerns, abilities, capabilities, interests, and informed choice, so that such individuals may prepare and engage in gainful employment.	$ 1,800,000	9.01	$ 456,766
HUMAN SERVICES, NORTH DAKOTA DEPARTMENT OF	State	The monies are being used to increase capacity and improve quality of childcare through the Growing Childcare Initiative, recruit, interview, and hire new consulting staff, and expand the professional development of child care providers including the development of a training registry. The Growing Childcare Initiative was launched throughout the state on January 4, 2010.	$ 3,643,862	23.21	$ 504,611

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HUMAN SERVICES, NORTH DAKOTA DEPARTMENT OF	State	Assist States in the implementation of a statewide, comprehensive, coordinated, multidisciplinary, interagency system of early intervention services for infants and toddlers with disabilities and their families.	$ 2,398,294	1.35	$ 16,119
HUMAN SERVICES, NORTH DAKOTA DEPARTMENT OF	State	A state program to provide independent living services to individuals with significant disabilities, support the operation of centers for independent living and the Statewide Independent Living Council, provide training on the independent living philosophy and outreach to unserved and underserved populations, conduct studies and analysis and present information to policymakers to enhance independent living services, and support activities that increase the capacity of independent living service providers.	$ 242,913	0.00	$ -
JOB SERVICES, NORTH DAKOTA DEPARTMENT OF	State	J1518 WIA Youth AA-17134-08-55-A-38 ARRA Program $2,918,025, CFDA 17.259: The award supplements our current Workforce Investment Act Youth program which prepares youth for academic and employment success. In order for youth to receive services, they must be 14 through 24 years old, low income and meet other criteria such as needing additional assistance to complete an educational program or to secure and hold employment. Eligible youth are assessed to determine academic, skill level and support service needs. Strategies are developed for each person based on the assessment results. They may receive counseling, tutoring, job training, mentoring, or work experience. Other strategies include summer employment, study skills training, or instruction in obtaining a GED or equivalent. J1508 WIA Adult AA-17134-08-55-A-38 ARRA Program $1,234,406, CFDA 17.258: The award supplements our current Workforce Investment Act Adult program which prepares individuals 18 years and older for participation in the labor force by providing core services and access to job training and other services. Core services, which are available to all adults, include skill assessment, labor market information, consumer reports on training programs, and job search and placement assistance. J1528 WIA Dislocated Workers Program AA-17134-08-55-A-38 $916,452, CFDA 17.260: The award supplements our current Workforce Investment Act Dislocated Worker program which provides employment and training services to meet dislocated workers needs; establish early intervention for workers and firms facing substantial layoffs; and foster labor, management and community partnerships with government to address worker dislocation. In general, dislocated workers are people who lost jobs due to plant closures, company downsizing, or some other significant change in market conditions.	$ 5,068,883	3.03	$ 4,024,859
JOB SERVICES, NORTH DAKOTA DEPARTMENT OF	State	This Wagner-Peyser Act grant is for providing Employment Services and focuses on providing a variety of employment related labor exchange services including but not limited to job search assistance, job referral, and placement assistance for job seekers, re-employment services to unemployment insurance claimants, and recruitment services to employers with job openings. Services are delivered in one of three modes including self-service, facilitated self-help services and staff assisted service delivery approaches. Depending on the needs of the labor market other services such as job seeker assessment of skill levels, abilities and aptitudes, career guidance when appropriate, job search workshops and referral to training may be available. The services offered to employers, in addition to referral of job seekers to available job openings, include assistance in development of job order requirements, matching job seeker experience with job requirements, skills and other attributes, assisting employers with special recruitment needs, arranging for Job Fairs, assisting employers analyze hard-to-fill job orders, assisting with job restructuring and helping employers deal with layoffs.	$ 2,984,613	15.43	$ 960,647

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
MILITARY AFFAIRS, NORTH DAKOTA DEPARTMENT OF	State	9044 ND ARMY NATIONAL GUARD AMERICAN RECOVERY & REINVESTMENT ACT OF 2009 SUSTAINMENT RESTORATION MODERNIZATION PROJECTS	$ 2,289,000	0.08	$ 1,158,882
NORTH DAKOTA ATTORNEY GENERAL	State	The North Dakota Office of Attorney General, Bureau of Criminal Investigation (BCI), is the State Administering Agency for the JAG Stimulus funding. The Drug and Violent Crime Policy Board (Board), which oversees the use of the JAG funding, determines the priorities for funding in each of the following purpose areas: law enforcement programs; prosecution and court programs; prevention and education programs; corrections and community corrections programs; drug treatment and enforcement programs; planning, evaluation and technology improvement programs; and crime victim and witness programs. The state allocation will be used to hire two forensic scientists and purchase a DNA Robot Workstation for the State Crime Lab, to hire an agent who will coordinate the 24/7 sobriety program, and to hire a grants/contracts officer for the BCI.	$ 3,162,336	12.26	$ 748,043
NORTH DAKOTA ATTORNEY GENERAL	State	The North Dakota ICAC task force will enable local, state and federal law enforcement to continue their efforts to protect children from becoming victims, educate children about the internet, and apprehend and prosecute those responsible for internet crimes. The North Dakota Bureau of Criminal Investigation (BCI) will hire and train one special agent to work full time in the area of computer forensic analysis and investigation for a period of four years. The special agent will be assigned to work ICAC cases and assist North Dakota ICAC affiliates. This funding will also allow BCI to provide equipment and forensic services in order to enhance the goal of enforcing internet crimes against children and other persons. This special agent will work with the National Center for Missing and Exploited Children and other members of the North Dakota ICAC to conduct investigations and provide information necessary to locate missing children. The ultimate goal is for North Dakota law enforcement to increase their ability to detect, investigate, apprehend, and prosecute internet predators, as well as educate children and their parents of the dangers that exist on the internet, how to avoid this danger, and how to report potential predators.	$ 413,449	1.11	$ 98,252
NORTH DAKOTA ATTORNEY GENERAL	State	The North Dakota Attorney General's Office will hire intelligence analysts to join the State Law Enforcement Intelligence Center to analyze and dissemniate intelligence data to task forces, local law enforcement, and regional law enforcement in support of intelligence driven investigations; and will focus efforts on rural law enforcement needs, as well as coordinate uniform task force data collection, fiscal activities, and timely reimbursement of operating funds to task forces. Business staff member will audit buy funds, review task force actvities, track grant progress, and related activities in support of rural law enforcement efforts.	$ 635,057	2.62	$ 53,110
NORTH DAKOTA DEPARTMENT OF COMMERCE	State	ARRA Supplemental Funding for the Community Services Block Grant (CSBG) Program. Funds were awarded to eligible entities (Community Action Agencies) in North Dakota to support employment related services that create and sustain economic growth and provide assistance to those individuals and families that have been most impacted by the recession.	$ 4,573,445	15.40	$ 3,529,707

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NORTH DAKOTA DEPARTMENT OF COMMERCE	State	The purpose of the State Energy Efficient Appliance Rebate Program is to award formula grants to U.S. states, territories, and the District of Columbia to provide American Recovery and Reinvestment Act funding for the establishment and administration of State Appliance Rebate Programs. This initiative is designed to assist States establish rebate programs for residential ENERGY STAR appliance products (those that represent improvements in efficiency compared to the majority of products in the market). The Appliance Rebate Program Objectives are: 1) Save energy by encouraging appliance replacement through consumer rebates; 2) Make rebates available to consumers; 3) Enhance existing rebate programs by leveraging ENERGY STAR national partner relationships and local program infrastructure; 4) Keep administrative costs low while adhering to monitoring and evaluation requirements; 5) Promote state and national tracking and accountability; and 6) Use existing ENERGY STAR consumer education and outreach materials.	$ 615,000	0.35	$ 608,303
NORTH DAKOTA DEPARTMENT OF COMMERCE	State	This initiative is intended to: strengthen and expand State and local government energy assurance planning and resiliency efforts by developing energy supply emergency assurance plans and incorporating response actions for new energy emergency portfolios and Smart Grid applications into existing plans; create jobs; and to build in-house State and local government energy assurance expertise. The initiative focuses on building regional energy assurance capability to allow the State to better coordinate and communicate state-wide and with one another, on energy security, reliability, and emergency response issues. The State will use funds to develop an updated emergency energy supply assurance plan to be used in conjunction with the State Emergency Operations Plan and to develop and implement energy assurance training sessions, workshops and exercises to refine and practice plan implementation.	$ 258,858	0.31	$ 14,055
NORTH DAKOTA DEPARTMENT OF COMMERCE	State	The purpose of the EECBG Program is to: reduce fossil fuel emissions, reduce total energy use, and improve energy efficiency. The funds will be used for: 1. An education campaign across the state to educate citizens about the benefits of energy efficiency. 2. Energy efficiency retrofits to local government buildings and buildings of their political subdivisions. This will help lower operating costs while allowing citizens to see the benefits energy conservation first hand.	$ 9,593,500	0.88	$ 98,287
NORTH DAKOTA DEPARTMENT OF COMMERCE	State	Funds were awarded to 15 private non-profits to carry out the eligible activities under the HPRP program. These activities include financial assistance, housing relocation and stabilization, data collection, and administration.	$ 2,582,637	5.19	$ 594,110
NORTH DAKOTA DEPARTMENT OF COMMERCE	State	Weatherization of low income clients in the state of North Dakota. It is planned to weatherized approximately 3267 homes. Weatherization will receive general heat waste measures, insulation measures, diagnostics, windows and doors, Health and Safety measures including furnace replacement and repair. Residiential, multi-family and mobile homes will be weatherized with all measures with a SIR of Greater than 1.5.	$ 25,266,330	106.76	$ 8,800,734

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NORTH DAKOTA DEPARTMENT OF COMMERCE	State	The North Dakota State Energy Program (NDSEP) goal is to improve energy efficiency and reduce the rate of energy demand growth. NDSEP promotes energy conservation, works to reduce energy demand growth rates and implements program activities to reduce imported oil dependence through the development and fulfillment of this plan, with financial and technical assistance, from the United States Department of Energy. NDSEP activities are planned to add value, advance the efficient use of energy, reduce energy costs, improve economic competitiveness and enhance the environment. NDSEP is participating in efforts to improve energy saving measurements, and welcomes the opportunity to better quantify activity results. NDSEP looks forward to implementing the new energy saving measurement device when it has been devised. In general, the NDSEP State Plan represents program activities proposed to encourage energy efficiency as an integral element of economic development planning. Program activities have been developed to reduce peak demands, to modify energy consumption patterns and improve energy supply system efficiencies. Environmental impact from NDSEP activities are expected to have a positive environmental impact. NDSEP will comply with all applicable statutes and regulations. NDSEP will monitor activities implemented by state agencies, contractors and subrecipients with administrative and programmatic oversight with personal and telephone visits with project administrators, and by requiring written activity reports to accompany all requests for reimbursement.	$ 24,585,000	1.68	$ 261,000
NORTH DAKOTA DEPARTMENT OF COMMERCE	State	The Communtiy Development Block Grant enables local governments to undertake a wide range of activities intended to create suitable living environments, provide affordable housing and create economic opportunities, primarily for persons of low and moderate income. CDBG-R funds will be used to retain and create jobs in North Dakota. The three projects funded in North Dakota will expand or replace public infrastructure that will provide long term economic benefits. Created and retained construction jobs will be tracked along with permanent job retention.	$ 1,299,857	4.37	$ 350,345
NORTH DAKOTA HOUSING FINANCING AGENCY	State	Tax Credit Assistance Program (TCAP) Assistance provided to qualified low income buildings for which North Dakota Housing Finance Agency (grantee) has made an allocation of low income housing tax credits under Section 42 of the Internal Revenue Code. These projects will have equity investment but at pricing levels lower than necessary for project feasibility; TCAP will help fill this gap.	$ 4,860,574	1.23	$ -
NORTH DAKOTA, STATE OF	State	Education Fund - for the support of public elementary, secondary, and postsecondary education and, as applicable, early childhood education programs and services.	$ 85,644,337	2058.13	$ 85,441,107
NORTH DAKOTA, STATE OF	State	Government Services Fund- for public safety and other government services, which may include assistance for elementary and secondary education and public institutions of higher education, and for modernization, renovation, or repair of public school facilities and institutions of higher education facilities, including modernization, renovation, and repairs that are consistent with a recognized green building rating.	$ 19,055,342	28.71	$ 5,784,852
NORTH DAKOTA, STATE OF	State	$1,305,354 is for efforts related to mapping broadband availability across the state and year two maintenance of that data. $308,400 is for efforts related to broadband planning activities to identify how the state could leverage current organizational structure and relationships, either directly or indirectly, to provide the broadband requirements for additional anchor institutions	$ 1,613,754	4.68	$ 406,710

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NORTH DAKOTA, STATE OF	State	The purpose of the State Health Information Exchange Cooperative Agreement Program is to fund statesâ€™ efforts to rapidly build capacity for exchanging health information across the health care system both within and across states. Awardees are responsible for increasing connectivity and enabling patient-centric information flow to improve the quality and efficiency of care. Key to this is the continual evolution and advancement of necessary governance, policies, technical services, business operations, and financing mechanisms for HIE over each State and SDEâ€™s four-year performance period. AnyState HIE is building on existing efforts to advance regional and state level health information exchange.	$ 5,343,733	1.68	$ -
PUBLIC INSTRUCTION, NORTH DAKOTA DEPARTMENT OF	State	The North Dakota Department of Public Instruction received funds through the American Recovery and Reinvestment Act of 2009 (ARRA) to pay costs associated with the distribution of USDA foods donated for use in The Emergency Food Assistance Program (TEFAP). Such costs include (but are not limited to) storage, transportation, handling, processing, and distribution of such foods; as well as costs associated with determining and verifying beneficiary eligibility, record keeping, auditing, and other administrative procedures required for program participation. To date, the North Dakota Department of Public Instruction has Provided funds to organizations - such as food banks, food pantries, and soup kitchens - that administer the program at the local level.????	$ 81,432	0.00	$ 42,713
PUBLIC INSTRUCTION, NORTH DAKOTA DEPARTMENT OF	State	Educational Technology State Grants to States to improve student academic achievement through the innovative use and the effective integration of new and emerging technology with teacher training, curriculum development, and successful research-based instructional methods in elementary and secondary schools.	$ 3,209,375	1.73	$ 626,753
PUBLIC INSTRUCTION, NORTH DAKOTA DEPARTMENT OF	State	Improve teaching and learning for students most at risk of failing to meet State academic achievement standards	$ 27,437,105	187.66	$ 8,035,831
PUBLIC INSTRUCTION, NORTH DAKOTA DEPARTMENT OF	State	Assist States in providing special education and related services to children with disabilities in accordance with Part B of the IDEA.	$ 26,552,439	74.94	$ 12,408,273
PUBLIC INSTRUCTION, NORTH DAKOTA DEPARTMENT OF	State	Assist States to make available special education and related services for children with disabilities age 3 through 5 years, and at a State's discretion, to 2 year old children with disabilities who will reach age three during the school year.	$ 861,549	5.87	$ 303,742
PUBLIC INSTRUCTION, NORTH DAKOTA DEPARTMENT OF	State	Ensure that each homeless child and youth has equal access to the same free, appropriate public education, including a public preschool education, as other children and youth.	$ 175,966	1.70	$ 87,843

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PUBLIC INSTRUCTION, NORTH DAKOTA DEPARTMENT OF	State	The North Dakota Department of Public Instruction received funds through the American Recovery and Reinvestment Act of 2009 (ARRA) to assist in the purchase of equipment for School Food Authorities (SFAs) participating in the National School Lunch Program (NSLP) through a competitive grant process. Priority was given to SFAs for equipment for schools in which at least 50 percent of the students were eligible for free or reduced-priced meals. Other focus areas of the grant included: improving the quality of school foodservice meals to meet the dietary guidelines; improving the safety of food served in the school meal programs; improving the overall energy efficiency of the school foodservice operations; and supporting the expansion of participation in the school meal program. To date, the North Dakota Department of Public Instruction has: 1) Issued an ARRA grant solicitation to SFAs participating in the NSLP; 2) Received and scored ARRA grant applications from SFAs competitively; 3) Awarded ARRA grants to SFAs participating in the NSLP; and 4) Transferred funds to or reimbursed SFAs.	$ 215,764	0.00	$ 215,646
PUBLIC INSTRUCTION, NORTH DAKOTA DEPARTMENT OF	State	Provide support to eligible schools that demonstrate the greatest need for the funds and the strongest commotment to use the funds to raise substantially the achievement of their students to enable those schools to make adequate yearly progress.	$ 381,576	0.00	$ 258
PUBLIC SERVICE COMMISSION, NORTH DAKOTA	State	This program will improve the capacity of the Commission to efficiently regulate and oversee the modernization and development of the electric transmission and generation infrastructure. It will provide resources and training to handle the increase in transmission and generation siting cases as well as increase participation in the regional planning and development of needed transmission facilities. The program will provide expertise and resources to develop better rules, laws, and other regulatory actions. These regulatory functions are critical to the efficient development and use of electricity and the overall goal of energy independence. The grant will provide for one full-time job and training for 11 Commission staff members in these key areas of expertise.	$ 766,350	1.00	$ 4,861
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 487,890	0.00	$ 487,890
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 287,305	0.00	$ 269,188
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 403,664	0.13	$ 403,664
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 5,214,657	14.74	$ 1,695,035
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 755,632	0.00	$ 691,391
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 250,000	0.01	$ 250,000
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 150,000	0.00	$ 110,800

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 400,000	0.01	$ 291,702
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 4,355,847	16.40	$ 1,925,966
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 300,000	0.01	$ 300,000
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 161,532	0.00	$ 152,630
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 594,755	0.02	$ 582,819
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 150,000	0.00	$ 150,000
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 647,824	0.00	$ 647,824
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 2,381,095	15.32	$ 2,069,959
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 878,865	0.01	$ 641,639
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 90,662	0.46	$ 15,543
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 43,500	0.24	$ 11,031
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 57,000	0.00	$ 57,000
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 679,879	0.04	$ 629,844
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 157,204	0.00	$ 157,204
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 380,000	1.11	$ 93,264
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 400,000	0.00	$ 400,000
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 119,400	0.01	$ 119,400

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 2,311,718	14.90	$ 2,075,397
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 32,490	0.09	$ 5,824
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 42,123	0.24	$ 4,571
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 721,357	0.00	$ 646,174
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 257,324	0.00	$ 257,324
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 317,000	4.95	$ 317,000
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 41,000	0.00	$ 41,000
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 48,237	0.00	$ 45,968
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 75,000	0.00	$ 68,001
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 266,452	1.42	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 136,353	0.00	$ 114,941
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 42,762	0.24	$ 4,116
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 119,279	0.00	$ 119,279
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 76,312	0.00	$ 76,312
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 209,850	0.05	$ 198,919
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 257,143	3.57	$ 73,581
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 495,000	0.00	$ 495,000

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 372,276	0.05	$ 357,957
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 37,551	0.00	$ 37,551
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 56,000	0.00	$ 56,000
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 1,226,294	0.00	$ 1,226,294
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 49,839	0.24	$ 1,529
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 160,242	0.47	$ 23,269
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 2,612,120	0.23	$ 16,704
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 108,686	0.00	$ 108,686
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 260,000	0.00	$ 260,000
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 98,553	0.02	$ 344
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 751,744	5.55	$ 537,105
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 679,198	0.00	$ 679,198
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 35,787	0.13	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 227,356	0.84	$ 26,489
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 240,000	0.00	$ 240,000
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 362,500	0.00	$ 362,500
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 102,000	0.00	$ 102,000

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 121,147	0.01	$ 115,056
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 231,536	1.00	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 104,637	0.36	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 379,302	0.01	$ 296,619
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 119,987	0.00	$ 119,987
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 658,920	0.21	$ 658,920
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 1,367,500	0.00	$ 1,286,590
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 264,592	1.42	$ 264,218
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 299,601	0.21	$ 279,782
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 332,028	0.07	$ 314,166
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 25,319	0.00	$ 25,319
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 148,474	0.01	$ 137,475
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 106,984	0.00	$ 106,984
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 488,292	0.33	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 2,990,642	0.89	$ 7,665
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 870,540	0.50	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 425,390	0.36	$ 309,883

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K	$ 415,669	0.25	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K, Available for Use in Any Area (flexible)	$ 365,000	0.01	$ 348,782
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K, Available for Use in Any Area (flexible)	$ 250,000	1.18	$ 23,623
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K, Available for Use in Any Area (flexible)	$ 4,212,312	12.51	$ 2,759,669
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K, Available for Use in Any Area (flexible)	$ 1,784,826	2.07	$ 180,873
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Areas with Population equal to or less than 200K, Available for Use in Any Area (flexible), Rural Areas with Population under 5K	$ 731,000	0.00	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 533,000	0.00	$ 434,347
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 233,058	0.00	$ 233,058
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 243,462	0.13	$ 214,517
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 159,553	0.00	$ 159,553
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 185,632	0.00	$ 185,632
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 2,098,745	0.00	$ 2,098,745
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 317,757	0.00	$ 317,757
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 3,783,505	0.38	$ 12,984
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 407,833	0.00	$ 407,833

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 2,916,300	0.00	$ 2,916,300
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 143,266	0.00	$ 143,266
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 160,737	0.00	$ 160,737
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 626,623	0.00	$ 626,623
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 439,452	0.00	$ 439,452
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 1,705,938	11.82	$ 883,100
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 1,729,395	10.53	$ 42,118
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 1,325,484	6.91	$ 1,774
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 3,462,203	0.00	$ 3,222,496
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 1,205,336	0.11	$ 1,877
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 687,271	0.00	$ 687,271
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 4,519,241	12.85	$ 67,607
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 2,778,734	2.63	$ 193,222
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 2,887,483	5.51	$ 182,850
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 796,362	0.00	$ 796,362
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 9,346,770	0.81	$ 8,251,486
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 4,583,614	0.00	$ 4,583,614

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 580,076	0.00	$ 580,076
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 798,702	4.17	$ 2,603
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 19,503,471	2.71	$ 18,654,760
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 2,348,797	5.40	$ 169,071
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 680,000	0.00	$ 680,000
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 316,589	0.08	$ 292,000
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 249,923	0.00	$ 249,923
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 264,525	0.08	$ 264,525
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 358,562	0.03	$ 356,582
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 283,947	0.00	$ 245,167
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 1,315,100	0.02	$ 1,309,194
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 995,719	0.00	$ 995,719
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 484,084	3.01	$ 484,084
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 709,553	0.00	$ 709,553
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 1,880,576	0.00	$ 1,880,576
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 136,481	0.00	$ 136,481
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 1,461,386	9.17	$ 2,035

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 2,492,985	0.00	$ 1,865,191
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 2,542,353	5.81	$ 1,411,290
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 4,255,041	0.00	$ 3,522,618
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 1,611,907	0.04	$ 1,551,210
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 6,627,765	2.26	$ 889
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 482,385	0.18	$ 108
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 484,716	1.28	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 525,665	6.39	$ 295,435
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 1,808,461	1.80	$ 7,798
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 575,698	0.59	$ 2,645
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 861,427	0.85	$ 2,920
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 211,998	0.21	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 317,996	0.32	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 608,011	0.44	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 1,657,498	0.61	$ 3,031
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	$ 253,804	0.36	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible), Rural Areas with Population under 5K	$ 4,332,049	5.39	$ 161,759

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Rural Areas with Population under 5K	$ 100,004	0.00	$ 100,004
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Rural Areas with Population under 5K	$ 33,651	0.00	$ 33,651
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 210,000	0.59	$ 1,411
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 213,783	0.00	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 170,925	1.84	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 350,509	0.00	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 314,258	0.81	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 385,438	0.00	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 160,297	1.14	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 105,302	0.01	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 477,000	1.02	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 272,396	1.59	$ 222,588
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 358,653	0.00	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 95,709	0.06	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 247,238	0.26	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 146,029	1.05	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 529,912	0.06	$ 165,978

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 329,769	0.00	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 206,421	1.97	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 202,734	0.00	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	Highway Infrastructure Investment Grant: Transportation Enhancements	$ 267,747	0.39	$ -
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	This Central Federal Lands funded project is a Structure Replacement on Forest Highway 5, 12.5 miles north and 3.5 miles west of Marmarth.	$ 159,653	0.76	$ 159,653
TRANSPORTATION, NORTH DAKOTA DEPT OF	State	To invest in transportation, environmental protection, and other infrastructure that will provide long-term economic benefits. House buses in six (6) paratransit locations that are currently stored outdoors in order to protect electronic components from extreme weather and extend use-lives. Purchase new over-the-road coaches to replace agining vehicles that have traveled in excess of one (1) million miles. Purchase dispatch software to make operation more efficient.	$ 5,956,263	0.00	$ 164,398
CANKDESKA CIKANA COMMUNITY COLLEGE	Tribe	Increase outreach to schools on the 'Health Is Life in Balance' curriculum developed in teh original DETS grant.	$ 80,000	1.00	$ 28,713
CIRCLE OF NATIONS	Tribe	Architectural and construction services for the roofing repair project. Building 50 roof replacement and repair.	$ 289,401	0.00	$ 144,701
CIRCLE OF NATIONS	Tribe	Improve teaching and learning of students most at risk of failing to meet state academic achievement standards.	$ 178,300	1.67	$ 44,600
FIRST NATIONS WOMEN'S ALLIANCE	Tribe	THE FNWA WILL USE THIS NEW FUNDING TO ENHANCE THE RESPONSE TO VIOLENCE AGAINST NATIVE WOMEN BY TRAINING LAW ENFORCEMENT AND THE JUDICIARY; AND ENHANCING THE RESPONSE TO SEXUAL VIOLENCE IN THE FOUR TRIBAL RESERVATIONS IN NORTH DAKOTA. FNWA WILL ACCOMPLISH THIS THROUGH; HIRING ONE FULL TIME DOMESTIC VIOLENCE EDUCATION COORDINATOR AND ONE FULL TIME SEXUAL ASSAULT EDUCATION COORDINATOR THEY WILL WORK TO DEVELOP TRAINING FOR EACH OF THE TRIBAL COMMUNITIES ON EFFECTIVELY RESPONDING TO SEXUAL ASSAULT OF NATIVE WOMEN; AND CONDUCTION COMMUNITY EDUCATION CAMPAIGN IN ALL TRIBAL COMMUNITIES.	$ 348,500	2.09	$ 42,267
INDIAN AFFAIRS, BUREAU OF	Tribe	School Construction	$ 52,526	0.00	$ 52,526

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
MENOMINEE INDIAN TRIBE OF WISCONSIN	Tribe	The funding is provided to allow for Native American/Alaska Natives to be trained in Energy Auditor Level II which is designed to provide professional training and supportive services to individuals to conduct energy audits on residential and commercial buildings. The goal is to provide 18 weeks of training for approximately 30 individuals at the United Tribes Technical College in Bismarck, North Dakota. The United Association of Plumbers and Pipe Fitters will be providing the technical training for these sessions and will be involved in job placement at the completion of the sessions. The United Tribes Technical College will be providing meeting space for the sessions and technical support for the participants. On 4/14/2010 a request was made from the Department of Interior to transfer $105,668 from this grant to GTK00T123AR.YC170 to cover supportive services. The new grant amount for this grant is $552,332.00 which was used to pay for the Energy Auditor training.	$ 552,332	0.00	$ 552,332
SITTING BULL COLLEGE INC	Tribe	Sitting Bull College has been awarded an ARRA grant in the amount of $500,000 to expand the Standing Rock Public Transportation bus garage and purchase one new 20 passenger wheel chair accessible bus.	$ 500,000	0.00	$ -
SPIRIT LAKE HOUSING CORPORATION	Tribe	REHABILITATION OF LOW RENTAL HOUSING	$ 1,012,788	22.00	$ 1,012,788
SPIRIT LAKE TRIBE	Tribe	Community and Neighborhood Devlepoment	$ 109,045	0.96	$ 65,683
SPIRIT LAKE TRIBE	Tribe	Personnel & Fringe Benefits for the Spirit Lake Headstart employees and training and software for the Spirit Lake headstart program.	$ 115,004	0.00	$ 20,039
SPIRIT LAKE TRIBE	Tribe	Spirit Lake rural water supply system, water treatment plant design, pilot plant study, and well field expansion/investigation.	$ 1,400,000	1.61	$ 350,000
SPIRIT LAKE TRIBE	Tribe	The Spirit Lake Childcare Program has strived to increase the quality, affordabilty and accessibilty to childcare for children on the reservation. Also to enhance and promote the health and saftey of the enviroments where childcare is provided by developing and enforcing health and saftey standards that appropriately reflect tribal needs.	$ 230,934	3.34	$ 230,934
SPIRIT LAKE TRIBE	Tribe	Supplement youth funds are not being used at this this they will start up again July,2010	$ 96,582	0.00	$ 96,582
SPIRIT LAKE TRIBE	Tribe	CTER will provide hands-on commercial construction training. Spirit Lake Tribe will conduct these activities to ensure contract compliance, issue quarterly payment, to collect quarterly data reports including program and finanical from the Council for Tribal Employment Rights Organization and related tasks.	$ 950,000	0.00	$ 950,000
SPIRIT LAKE TRIBE	Tribe	SPIRIT LAKE TRIBE WILL COORDINATE THE ENERGY AUDIT PILOT PROJECT.	$ 1,400,000	0.00	$ 1,400,000
SPIRIT LAKE TRIBE	Tribe	Solar Heat Panel Installation Project provided by the Spirit Lake Tribe on the behalf of the Cheyenne River Sioux Tribe for FY2009/2010	$ 424,852	3.90	$ 313,911

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
SPIRIT LAKE TRIBE	Tribe	Tribal personnel will conduct outreach meetings with the four districts (i.e. Fort Totten, Crow Hill, Wood Lake, and St. Michael) of the Spirit Lake Nation as well as monthly general Assembly meetings when requested by Tribal Council to inform the public on energy conservation acitities. These meeting are designed to inform the residents of Spirit Lake as to the nature of the work being conducted and to share information with them on energy conservation, energy usage, and weatherization.	$ 151,300	1.45	$ 28,759
SPIRIT LAKE TRIBE	Tribe	ARRA IRR Construction - Multi Route Gravel. Gravel construction FER10 $613,536.95. Incedental construction FER13 $51,693.13. Construction Monitoring FER14 $60,309.50. Tribal Program Management FER17 $64,772.50.	$ 790,312	2.90	$ 790,312
SPIRIT LAKE TRIBE	Tribe	The Spirit Lake Nation 2009/2010 ARRA Program has eleven (11) LOS 1 and 2 'shovel-ready' Roads Repair and Resoration Projects (No. A053031P). This will address the maintenace needs on all of the BIA routes execpt those that are scheduled for construction projects. It will be completed through a tribal P.L. 93-638 cpntract. the ARRA Roads and Repair and Restoration funding available for IRR Pavement Preservation/Safety Improvement/Roads Assessment activities is $426,756.00. The ARRA Repair and Resortation Program will address ten LOS 1 route and one LOS 2 route. This project addresses the crack and sealing on all of the asphalt pavement on the reservation. All of the gravel routes on the reservation willbe addressed by ARRA or regular IRR construction projects.	$ 426,756	0.00	$ 426,756
SPIRIT LAKE TRIBE	Tribe	1.) Mutli-route Striping (IRR Routes 6, 7, 14, 22, 24, 25, 25, 27, 29, 31, 41, 50, 61, 62 ,71, 73, 74, 75, 81, 82, 210, 211, 212, 213, and 214). 2.) Multi-route Striping (IRR Multi- Route Striping (IRR Routes 1, 4, 5, 6, 7, 16, 20, 21, and 77).	$ 49,785	0.00	$ 49,785
SPIRIT LAKE TRIBE	Tribe	Roof,Windons,Doors & Exterior Repairs of the Wiconi Alcohol and Substance Abuse Building, Ft.Totten, North Dakota, as described in the attached Project Summary Document(PSD).0	$ 83,000	0.00	$ 83,000
SPIRIT LAKE TRIBE	Tribe	Repairs by replacement of the Spirit Lake Tribal EMS Building. For construction of a larger EMS Facility.	$ 330,220	0.00	$ 330,220
STANDING ROCK HOUSING LOCAL DEVELOPMENT CO	Tribe	Renovation Native Homes	$ 1,994,486	20.00	$ 341,861
STANDING ROCK SIOUX TRIBE	Tribe	Rehabilitate (overlay) Runway 14/32, including expanding the runway turnarounds.	$ 1,018,000	0.01	$ 1,010,734
STANDING ROCK SIOUX TRIBE	Tribe	Child Care and Development Fund Stimulus	$ 213,775	0.00	$ 213,775
STANDING ROCK SIOUX TRIBE	Tribe	Development of Energy Efficiency and Conservation Strategy Using Wind Energy	$ 238,900	0.00	$ -
STANDING ROCK SIOUX TRIBE	Tribe	Rehabilitate existing roadway to include subgrade repairs, aggregate base, bituminous paving and incidental items.	$ 1,169,796	7.70	$ 1,169,796
STANDING ROCK SIOUX TRIBE	Tribe	Repairs by Replacement of the Standing Rock Tribal EMS Building, Fort Yates, ND. described	$ 608,300	0.00	$ -

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
STANDING ROCK SIOUX TRIBE	Tribe	American Receovery Reinvestment and Quality Improvement gant	$ 193,346	0.00	$ 96,673
TATE TOPA BIA COMMUNITY SCHOOL	Tribe	improve teaching and learning for students most at risk of failing to meet state academic achievement standards	$ 690,400	0.23	$ 517,800
THREE AFFILIATED TRIBES	Tribe	The grant is part of a funding package to build the inrastructure of a rural water system to serve the residents of the north segment of the Fort Berthold Reservation.	$ 928,900	0.00	$ -
THREE AFFILIATED TRIBES	Tribe	'The COPS Hiring Recovery Program (CHRP) provides funding directly to law enforcement agencies to hire and/or rehire career law enforcement officers in an effort to create and preserve jobs, and to increase their community policing capacity and crime prevention efforts.'	$ 160,780	0.00	$ -
THREE AFFILIATED TRIBES	Tribe	ARRA - Quality Improvement and COLA	$ 85,168	0.00	$ 38,368
THREE AFFILIATED TRIBES	Tribe	Childcare development - direct services and support of tribal college childcare center.	$ 188,101	0.00	$ 188,101
THREE AFFILIATED TRIBES	Tribe	combating rural crime; improving rural law enforcement investigations; operations; training and technical assistance. Agency Name	$ 1,161,669	0.00	$ 1,161,669
THREE AFFILIATED TRIBES	Tribe	Future Generations - Employment and lifeskills building for youth.	$ 72,436	9.90	$ 72,436
THREE AFFILIATED TRIBES	Tribe	2009 Community Services Block Grant Stimulus - ARRA	$ 103,430	0.00	$ 7,330
THREE AFFILIATED TRIBES	Tribe	* Four Bears Water Treat Plant Expansion ? Phase I will include the addition of a new clearwell structure (100,000 gallons) adjacent to the existing clearwell in the Four Bears water treatment plant (WTP). The clearwell capacity will increase from 139,000 gallons to 239,000 gallons. It will also include construction of an addition to the existing WTP building to house new treatment equipment. * Four Bears Water Treatment Plan Expansion ? Phase 2 will utilize the building addition of Phase I work and will increase the production capacity of the WTP from 200 gpm to 700 gpm. The project envisions the use of a membrane treatment process; however, the final process selection is part of the design activities in Phase 2. * Mandaree Water Treatment Plan Expansion ? Phase 1 will include the addition of a new clearwell structure (100,000 gallons) adjacent to the existing clearwell in the Mandaree water treatment plant (WTP). The clearwell capacity will increase from 28,000 gallons to 128,000 gallons. It will also include construction of an addition to the existing WTP building to house new treatment equipment in the future.	$ 6,400,000	12.75	$ 1,800,000
THREE AFFILIATED TRIBES	Tribe	Construction of 10 geothermal homes for qualified applicants	$ 1,200,000	0.00	$ -
THREE AFFILIATED TRIBES	Tribe	Improve, repair/restore and perservation of the Mandaree and Twin Buttes Roads Shops	$ 146,586	8.00	$ 97,724

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
THREE AFFILIATED TRIBES	Tribe	Retainment of consultant services to complete Energy Efficiency and Conservation Strategy Plan for Three Affiliated Tribes and development of program within Tribal Energy Program as well as oversee project to completion.	$ 167,200	1.00	$ 21,000
THREE AFFILIATED TRIBES	Tribe	OJT Defered Maintenance on the White Shield Roads Shop located on the Ft. Berthol Reservation.	$ 146,586	8.00	$ 146,586
TRENTON INDIAN HOUSING AUTHORITY	Tribe	Grant Writer Project Duplex Construction Day Care Project	$ 201,677	3.00	$ 201,677
TRENTON INDIAN SERVICE AREA	Tribe	Child Care ARRA funds	$ 36,415	3.00	$ 36,415
TRENTON INDIAN SERVICE AREA	Tribe	Replace the existing deteriorating master lift station with a new double-box culvert master lift station. Coat the new master lift station with a polyamine epoxy coating which will resist deterioration from the high strength wastewater.	$ 271,150	0.00	$ -
TURTLE MOUNTAIN BAND OF CHIPPEWA INDIANS	Tribe	Community Services Block AARA Funds	$ 214,080	8.00	$ 140,237
TURTLE MOUNTAIN BAND OF CHIPPEWA INDIANS	Tribe	To provide safe, viable options, services and support to persons exposed to domestic violence, sexual assault and stalking.	$ 455,263	2.17	$ 32,623
TURTLE MOUNTAIN BAND OF CHIPPEWA INDIANS	Tribe	To provide summer youth employment opportunities, work readiness skills training and year-round services to Indian and Native American youth under Section 166 of the Workforce Investment Act.	$ 165,569	0.00	$ 165,569
TURTLE MOUNTAIN BAND OF CHIPPEWA INDIANS	Tribe	Head Start	$ 173,892	0.00	$ 173,892
TURTLE MOUNTAIN BAND OF CHIPPEWA INDIANS	Tribe	IHBG Funding under ARRA for the purpose of renovating existing rental housing, and the conversion of some of the propane fuel furnaces to electric or dual heat.	$ 3,165,207	65.00	$ 932,954
TURTLE MOUNTAIN BAND OF CHIPPEWA INDIANS	Tribe	Title: ARRA Supplemental Funding for the Child Care and Development Fund (CCDF); Description: Provide child care financial assistance to low-income working families and fund activities to improve the quality of child care.	$ 313,785	1.00	$ 313,785
TURTLE MOUNTAIN BAND OF CHIPPEWA INDIANS	Tribe	COPS Hiring Recovery Program, Office of Justice Services-Turtle Mountain Law Enforcement	$ 107,751	0.00	$ 26,615
TURTLE MOUNTAIN BAND OF CHIPPEWA INDIANS	Tribe	ARRA award to the Turtle Mountain Band of Chippewa Indians for the repair and restoration of reservation roads.	$ 1,206,645	9.00	$ 1,206,645
TURTLE MOUNTAIN BAND OF CHIPPEWA INDIANS	Tribe	Energy Efficiency and Conservation Block Grant	$ 379,200	0.00	$ 163,500
TURTLE MOUNTAIN BAND OF CHIPPEWA INDIANS	Tribe	Improve teaching and learning for students most at risk of failing to meet State academic achievement standards.	$ 934,500	10.12	$ 934,500

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
TURTLE MOUNTAIN BAND OF CHIPPEWA INDIANS	Tribe	Educational Technology State Grants to States to improve student academic achievement through the innovative use and the effective integration of new and emerging technology with teacher training, curriculum development, and successful research-based instructional methods in elementary and secondary schools.	$ 29,100	0.00	$ 29,100
TURTLE MOUNTAIN BAND OF CHIPPEWA INDIANS	Tribe	Federal Transit Adiminstration grant to be use for equipment purchases to enhance current tribal transit program.	$ 311,000	0.00	$ -
TURTLE MOUNTAIN COMMUNITY COLLEGE ENTERPRISES, INC.	Tribe	Description - Turtle Mountain Community College's YouthBuild program will recruit and provide 30 eligible youth per year with (a) intake assessments, learning plans, and integrated service strategies; (b) basic and 'Green' construction training, in the classroom and at On-the-Job training sites; (c) leadership training and mentoring of participants/engagement in Youth Council and community service activities; (d) post-secondary education, work readiness and career counseling/education; and (e) post-YouthBuild counseling, placement and follow-up.	$ 664,212	5.27	$ 276,968
CASS RURAL WATER USERS INC	Water	Cass Rural Water Users District - Casselton / Kindred Project - Water line constructio to improve water service to the cities of Casselton, Kindred, Davenport and Mapleton as well as the other residential users in this part of the system. Total population effected by the project is nearly 5,000 people.	$ 3,750,000	2.25	$ 107,500
GARRISON DIVERSION CONSERVANCY DISTRICT	Water	Construction of the Southwest Pipeline Project's Oliver, Mercer, North Dunn Water Treatment Plant (WTP) and South Central Regional Water District's (SCRWD) Emmons County Intake and WTP and the North Burleigh WTP Phase 2 Projects. The Southwest Pipeline Project includes membrane procurement for the 5 MGD WTP near Zap, ND-$2,900,000; WTP building and Equipment installation-$6,700,000; Engineering Consultant will provide design, cost estimates, and construction administration-$1,375,800; Construction Contingencies for SWPP total $803,350. The SCRWD project includes 3 additional Angle Wells to supply water to the North Burleigh WTP at a total cost $1,000,000 ($250,000 cost share by SCRWD and $750,000 ARRA funds); Filter and Pump Expansion to North Burleigh WTP at a total cost of $2,800,000 ($700,000 cost share by SCRWD and $2,100,000 ARRA funds); Emmons County Water Supply Intake at a total cost of $,3,700,000 ($925,000 cost share by SCRWD and $2,775,000 ARRA funds); Emmons County 2.5 MGD WTP at a total cost of $8,500,000 ($2,125,000 cost share by SCRWD and $6,375,000 ARRA funds); Emmons County WTP Storage (Standpipe) at a total cost of $1,500,000 ($375,000 cost share by SCRWD and $1,125,000 ARRA funds); Emmons County Transmission Pipeline-42 miles of 8' to 16' pipeline from the WTP at a total cost of $5,215,000 ($1,303,750 cost share by SCRWD and $3,911,250 ARRA funds); Engineering Consultant will provide design, cost estimates and construction administration for SCRWD project at a total cost of $3,250,000 ($812,500 cost share by SCRWD and $2,437,500 ARRA funds); Construction Contingencies for SCRWD projects at a total cost of $505,850 ($158,750 cost share by SCRWD and $347,100 ARRA funds). Salaries and wages for Garrison Diversion and State Water Commission staff total $195,000.	$ 31,800,000	11.50	$ 938,407
SOUTH EAST WATER USERS DISTRICT	Water	Drinking Water Storage Reservoir Improvements to provide an ample supply of safe drinking water to 483 rural and small town households and businesses.	$ 900,000	3.17	$ 157,320
STATE LINE WATER CO-OPERATIVE	Water	State Line Water Improvement.	$ 245,000	0.05	$ 245,000

Recipient Name	Recipient Type	Award Description	Award Amount	Number of Jobs	Federal Funds Received
Total	**436**		**$ 662,432,689**	**3,392.42**	**$ 287,499,798**