

Center *for* Rural Health



## North Dakota Dementia Care Services Project

### Meeting of the Minds Dementia Conference 2012

RiverCentre  
St. Paul, MN  
March 17, 2012

Brad Gibbens, Deputy Director and Assistant Professor



Center *for* Rural Health

- Established in 1980, at The University of North Dakota (UND) School of Medicine and Health Sciences in Grand Forks, ND
- One of the country's most experienced state rural health offices
- UND Center of Excellence in Research, Scholarship, and Creative Activity
- Home to 5 national programs

**Focus on:**

- Educating and Informing
- Policy
- Research and Evaluation
- Working with Communities
- American Indians
- Health Workforce
- Hospitals and Facilities – including public health, EMS, LTC, and others

[ruralhealth.und.edu](http://ruralhealth.und.edu)

## MN ND Alzheimer's Association

- 1 of 70 such associations in the country
- 1 of 7 founding chapters of the National Alzheimer's Association
- In operation for about 33 years
- Mission:  
*To eliminate Alzheimer's disease through the advancement of research; to provide and enhance care and support for all affected; and to reduce the risk of dementia through the promotion of brain health.*
- Vision:  
*A world without Alzheimer's disease.*
- Services

Support	Education	Resources
Help Line	Publication/Newsletter	Medic Alert
Care Consultation	Education Programs	Clinical trial index
Support Groups	Professional Education	Local resource/referral
Message Boards	Free Webinars	Latino and On-line

## Project Staff

### Project Director

Jan Mueller, *Field and Advocacy Director*

### Clinical Supervisor

Heidi Haley-Franklin, MSW, LGSW, *Associate Director, Clinical Services*

### Western ND Regional Center Director (Bismarck)

Krista Headland

### Eastern ND Regional Center Director (Fargo)

Gretchen Dobervich

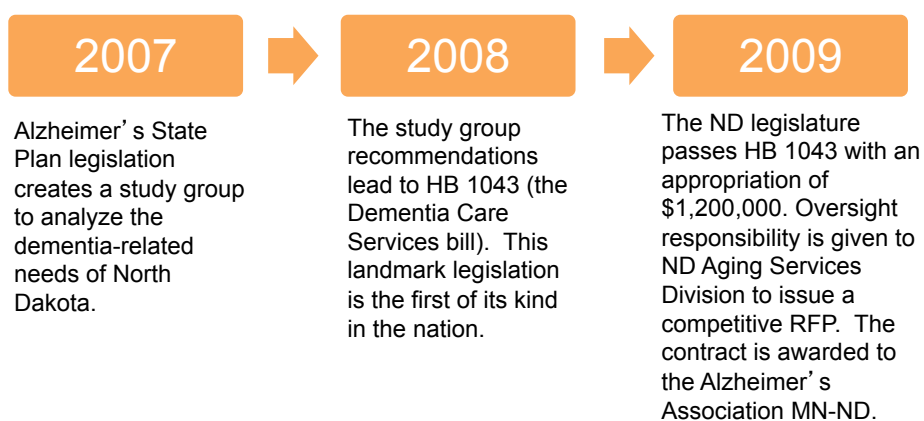
### Data Specialist (Bismarck)

Erica Lien

## Evaluation Staff

- **Marilyn Klug, Ph.D.**  
Research PI, and Evaluation Director
- **Kyle Muus, Ph.D.**  
Senior Researcher
- **Boris Volkov, Ph.D.**  
Evaluation
- **Brad Gibbens, MPA**  
Evaluation

## Creation of the Project



## Center *for* Rural Health

### HB 1043

- ND Dept. of Human Services allowed to contract with a private provider for a dementia care services program in each area served by a human service center
- Services to include:
  - Identify available service in the region.
  - Provide information to medical providers, law enforcement, the public on the symptoms of dementia, benefits of early detection and treatment, and the services available to individuals with dementia and their caregivers.
  - Assess the needs of individuals with dementia and their caregivers.
  - Train care providers to manage and provide for the care of individuals with dementia.
  - Provide consultation services to individuals with dementia and their caregiver.
  - Facilitate the referral of individuals with dementia and their caregivers to appropriate care and support services.

## Regional Care Consultants

### Western North Dakota

Krista Headland, Bismarck

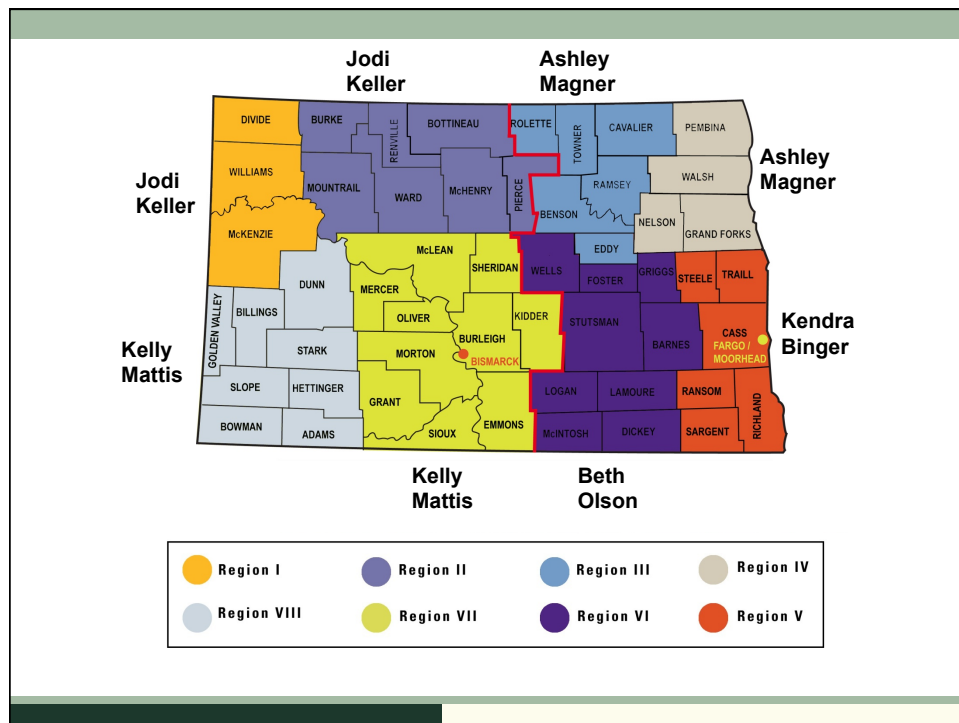
ND DHS Region 1	Jodi Keller <i>Williston</i>
ND DHS Region 2	Jodi Keller <i>Minot</i>
ND DHS Region 7	Kelly Mattis <i>Bismarck</i>
ND DHS Region 8	Kelly Mattis <i>Dickinson</i>

### Eastern North Dakota

Gretchen Dobervich, Fargo

ND DHS Region 3	Ashley Magner <i>Devils Lake</i>
ND DHS Region 4	Ashley Magner <i>Grand Forks</i>
ND DHS Region 5	Kendra Binger <i>Fargo</i>
ND DHS Region 6	Beth Olson <i>Jamestown</i>

Staff will deliver services in designated ND DHS regions across the entire state.



## Services We Provide

- ✓ Assessment of resources
- ✓ Community education
- ✓ Professional education
- ✓ 24/7 Information Helpline
- ✓ Assessment of individuals
- ✓ Care Consultation
  - ✓ Level 1 Basic Care Consultation
  - ✓ Level 2 In-Depth Care Consultation
- ✓ Follow-up

## Data Collection

MN/ND Alzheimer's Association chose to subcontract with the Center for Rural Health to be the independent evaluator. <http://ruralhealth.und.edu>

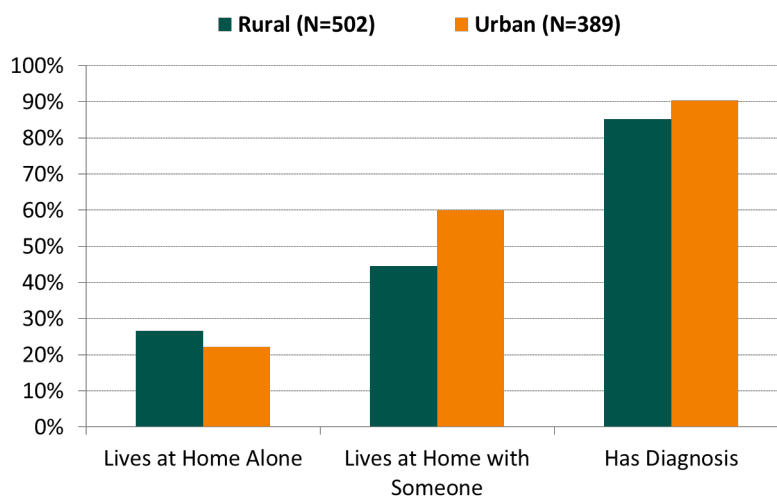
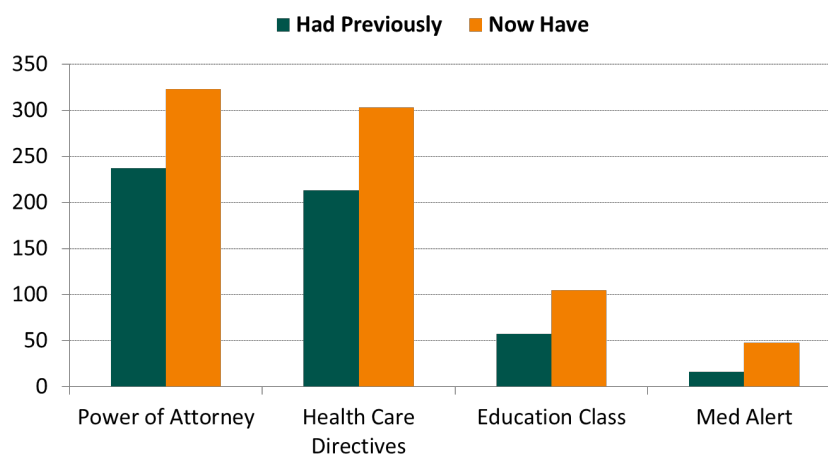
Required data collection:

1. Estimates of Health care costs avoided
2. Estimates of Long-term care costs avoided
3. Improvements in disease management
4. Improvements in caregiver assistance
5. Outcomes of the Dementia Care Services Project

## What We Are Collecting

- ✓ Service delivery activities by DHS Region
- ✓ Number of ER visits
- ✓ Number of ambulance runs
- ✓ Hospitalizations
- ✓ Short-term nursing home stays
- ✓ Changes in the decision to place the family member in a long-term care facility
- ✓ Caregiver perceived improvement

Figure 1. Percentage increases in health care objectives for caregivers and persons with dementia



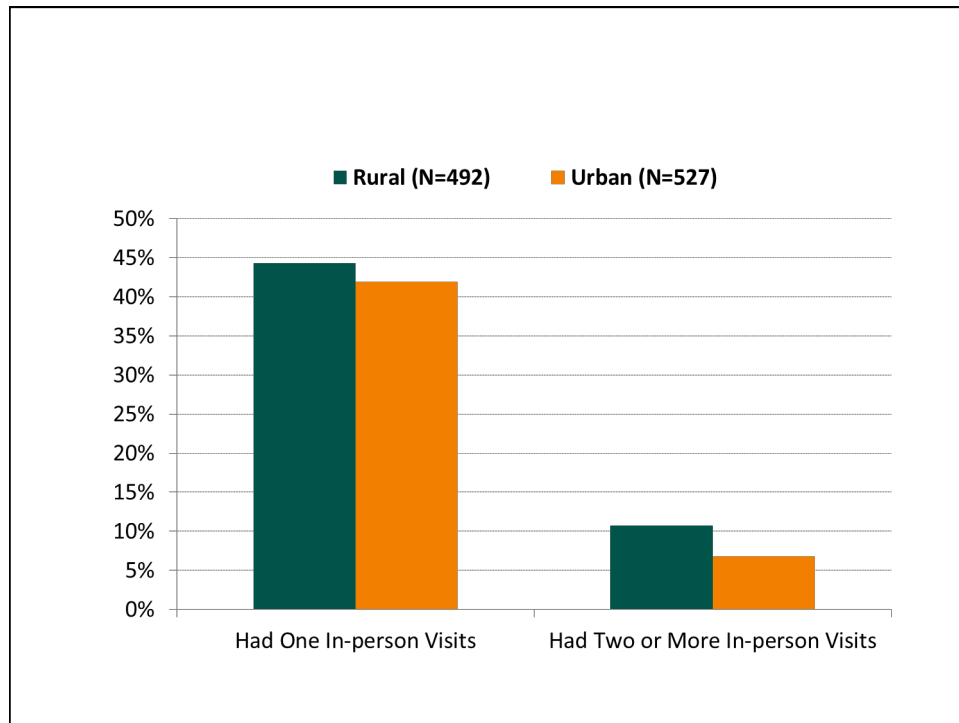


Figure 2. Estimated cost savings for urban and rural persons with dementia

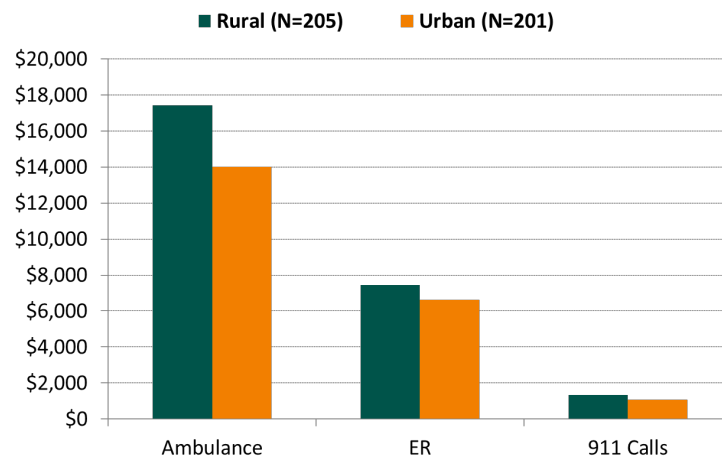
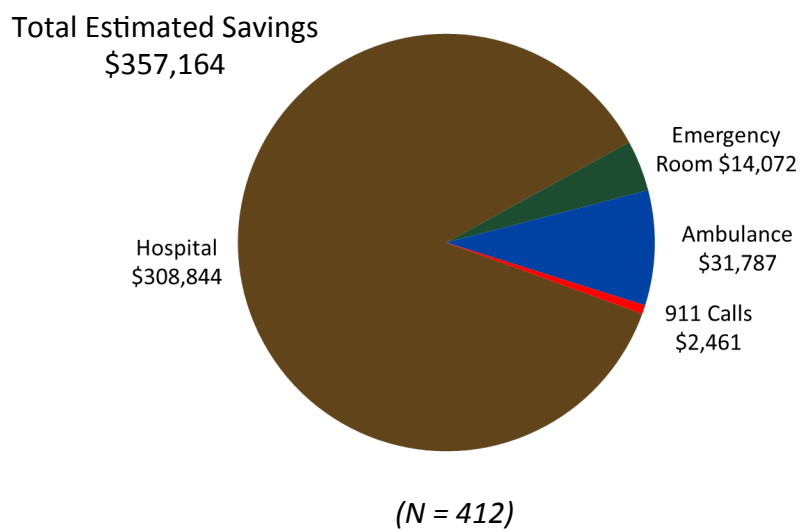




Figure 3. Estimated health care cost savings for DCSP participants



## Conclusions

- ✓ We have been able to learn a great deal about the cognitive health of the ND population.
- ✓ We expect to demonstrate a model that works well in cities, small towns, rural and frontier communities.
- ✓ The first contract provided initial indicators of cost savings for ND individuals with dementia, families, service providers and government.
- ✓ The second contract will provide significant data confirming the positive impact on caregivers as well as cost savings in health care and long term care.

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Contact us for more information!

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