

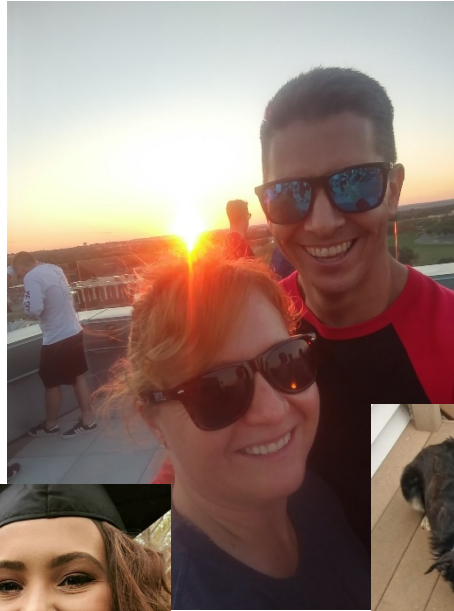
NDSU/UGPTI TRANSPORTATION LEARNING NETWORK & AASHTO TC3

NDDOT LUNCH & LEARN



WHO AM I?

- US Army Veteran
- PennDOT
- NDDOT
- UGPTI



WHO ARE WE?

The Upper Great Plains Transportation Institute (UGPTI) is a research, education, and outreach center at North Dakota State University which is guided, in part, by an advisory council composed of representatives of various organizations, industries, and agencies affecting or affected by transportation.

MISSION

Providing innovative transportation research, education, and outreach that promote the safe and efficient movement of people and goods.

- *Research*
- *Education*
- *Outreach*

CORE VALUES

We are dedicated to:

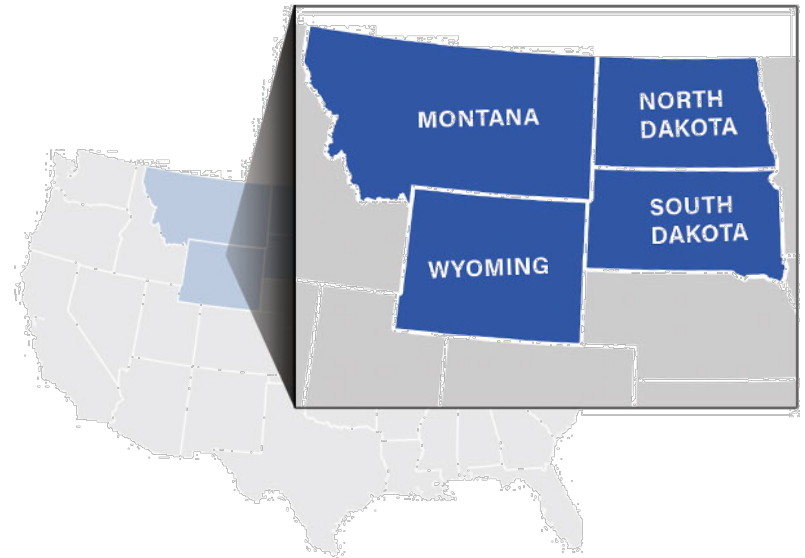
- **S**ervice - *Providing QUALITY SERVICE to our stakeholders*
- **E**xcellence - *Achieving EXCELLENCE in our research, education and outreach efforts*
- **R**eputation - *Maintaining a level of TRUST and an exceptional REPUTATION*
- **V**alue - *Adding VALUE and KNOWLEDGE to the transportation community*
- **I**ntegrity - *Demonstrating INTEGRITY and RELIABILITY in our efforts and interactions*
- **C**reativity / **I**nnovation - *Encouraging CREATIVITY and INNOVATION*
- **E**ducation - *Advancing LEARNING opportunities by promoting continuing education*

EDUCATION & OUTREACH RESOURCES

- DOT Support Center (DOTSC)
 - <http://www.ugpti.org/dotsc/>
- Local Technical Assistance Program (LTAP)
 - <http://www.ndltap.org/>
- **Transportation Learning Network (TLN)**
 - <http://www.translearning.org/>
- **AASHTO TC3**

TRANSPORTATION LEARNING NETWORK

- Partnership with MT, ND, SD, WY DOTs
- Mountain Plains Consortium
- Possible expansion
- Virtual Training Environment
- Internal LMS
- Supplemental Learning



COMMITTEES

Executive Committee

- Meet twice per year
- Approve annual budget

Programming/Coordinating Committee

- Meet Monthly – via video conference
- Updates/Critiques on past presentations
- Approve upcoming training
- Discuss future vision



Tim Horner



Shannon Olson



Dale Heglund



Denise Brown



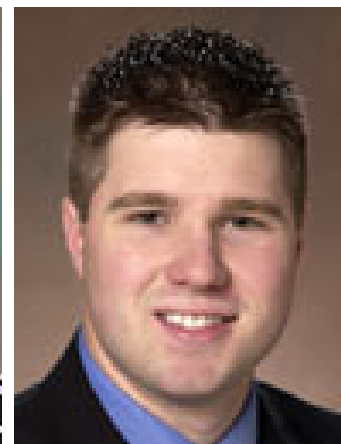
Sue Hendrickson



Chris Padilla




Sandy Baisch



Dustin Ulmer

STAFF


KEY CONCEPTS

- ***FREE – Pooled Fund Effort*** 
- Technical training emphasis
- Reduce travel for attendees and speakers
- Warehouse training for replay
- Pooled efforts
- Use technical staff to coordinate programs and presentations
- Video conference, webinars and web-based

HOW TO PARTICIPATE




Transportation Learning Network partnership with MDT, NDDOT, I/DDOT, WYDOT and the Mountain-Plains Consortium Universities



David Sanbonmatsu, Ph.D., Professor
University of Utah, Department of Psychology

MPC Research: Cell Phone Use Diminishes Self-Awareness of the Adverse Effects of Cell Phone Use on Driving
February 14, 2018 – 10:00 AM – 11:00 AM CT (9:00 AM – 10:00 AM MT)

Thank you to our partners:



TE TRANSPORTATION CURRICULUM COORDINATION COUNCIL AASHTO

Module 3: Sediment Control

Wattle Installation

Stake spacing as required by contract

Note: Install fiber roll/wattles along a level contour

Fiber roll/wattles

Vertical spacing along face of the slope varies between 10 ft and 20 ft

Install a fiber roll/wattles near slope where it transitions into a steeper slope

Typical Fiber Roll/Wattle Installation

Slope varies

Fiber roll/wattles

Excavated material

Wood stake

Stake depths as required by contract

California Standard Plans. Source: Caltrans

Module 3: Sediment Control

Back Continue

37 Minutes 36 Seconds Remaining

NDSU UPPER GREAT PLAINS TRANSPORTATION INSTITUTE

Video Conference

Webinar

Self-Paced Modules

Recorded Session

QUESTIONS?

Demo at end



WHAT IS TC3?

Transportation Curriculum Coordination Council
(Originally Established in 2000)

- Technical Workforce Development
 - National Coordinated Approach
 - Leveraged Resources
 - Cost-Effective Course Development
-
- AASHTO Technical Service Program (TSP) as of 2013



AASHTO TC3 -

[HTTPS://TC3.TRANSPORTATION.ORG/](https://tc3.transportation.org/)

- NDDOT is a participating states
 - ELM
 - Matrices for engineering and maintenance staff
- NDSU – UGPTI is a sharing agency
 - Share in-house developed courses for TC3
 - Host ALL on LMS - Updated
 - Curriculum Development Team
 - SME on course development

A NATIONAL RESOURCE
A VALUABLE PARTNER

TC3 BENEFITS - INNOVATION



TC3 courses are created using a rapid course development process through a collaboration of national best practices and subject matter experts.

- TC3 provides an evolving, quality curriculum to meet the challenges of today and tomorrow.
- TC3's LMS offers improved user-friendly functionality.
- TC3 analyzes and updates courses on a 24-month basis.

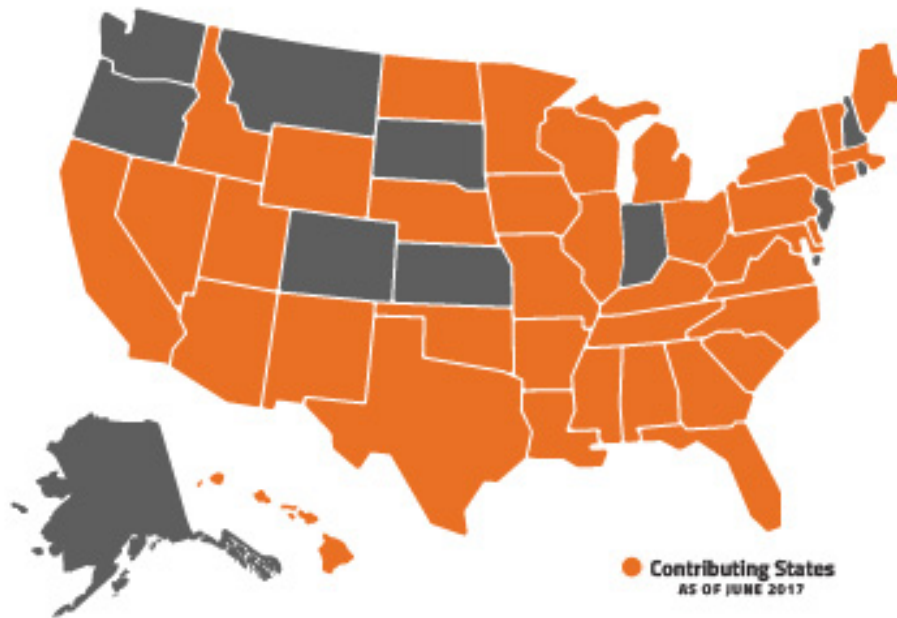
WHO DOES TC3 BENEFIT?

- A SKILLED WORKFORCE

- *Training Managers*
- *Construction*
- *Maintenance*
- *Materials*
- *Human Resources*
- *Local Governments*



WHO'S USING TC3?



- As of 6/30/17: 39 states supporting TC3
- 50% increase including gains in the northwest and the northeast

TC3 RESOURCES

- **NDSU – UGPTI:** <https://www.translearning.org/>
- **LMS:**
<https://tln.learnflex.net/include/login.asp?url=/users/index.asp>
- **Courses:** https://tc3.transportation.org/wp-content/uploads/TC3-Active-Course-Listing_April2018.pdf
- **On-The-Job-Aids:** <https://tc3.transportation.org/training-resources/job-aids/>
- **Other Resources:** <https://tc3.transportation.org/training-resources/additional-training-resources/>

Demo & Open Discussion

Chris Padilla

chris.padilla@ndsu.edu

Ph: 701-328-9867

Next Lunch and Learn Meeting

Thursday, November 15th

ENVIRONMENTAL PERMITTING

Please visit our website to RSVP:
<https://www.dot.nd.gov/lunchandlearn.htm>