

Rhonda Kae Young, P.E., PhD
CURRICULUM VITAE

LICENSURE State of Wyoming Board of Registration Professional Engineer (No. 9833)
State of Washington Department of Licensing Professional Engineer (No. 34489)

EDUCATION

University of Washington June 2002
Department of Civil Engineering and Environmental Engineering
Ph.D. in Civil Engineering

University of Washington August 2001
Global Trade and Transportation Logistics Studies
Graduate Certificate

University of Washington December 1999
Department of Civil and Environmental Engineering
Master of Science in Civil Engineering

Oregon State University December 1992
Department of Civil Engineering
Bachelor of Science in Civil Engineering

EMPLOYMENT

Civil Engineering Department, School of Engineering and Applied Science, Gonzaga University
Professor Sept. 2017 – Present
Associate Professor Sept. 2015 – Sept. 2017

Dept. of Civil and Architectural Engineering, University of Wyoming
Adjunct Professor Sept. 2015 – Present
Interim Department Head Jan – July, 2011
Undergraduate Program Director/ABET Coordinator Jan. 2010 – Aug. 2012
Associate Professor July 2008 – August 2015
Assistant Professor Aug. 2002 – June 2008

Dept. of Civil and Environmental Engineering, University of Washington
Research Assistant Aug. 1999 – June 2002

KPG, Inc. Oct. 1995 – June 2002
Project Engineer and project manager (Seattle, WA)

School of Architecture and Built Environment, Royal Institute of Sweden
Visiting Researcher Jan. 1999 – June 1999

Mackay & Sposito, Inc. Jan. 1993 – Aug. 1995
Design Engineer (Vancouver WA)

City of Gresham, Oregon June – Sept. 1991 & 1992
Engineering Technician

HONORS AND AWARDS

- 2017 *CREATE Sustainability Teaching Award*. Gonzaga University.
- 2016 *Innovation in Education Award*. Institute of Transportation Engineers.
- 2013 *AASHTO Sweet Sixteen High Value Research Project* for the “Elk Mountain Variable Speed Limit Corridor Research Project”. Project went on to be selected as a “Top 5 Research Project” by American Association State Highway Transportation Official’s Standing Committee on Highways (SCOH).
- 2008 *Transportation Professional of the Year*. Colorado-Wyoming Section of the Institute of Transportation Engineers.
- 2005 *Certificate of Appreciation*. Transportation Research Board of the National Academies.
- 2003 *ExCEED (Excellence in Civil Engineering Education) Fellow*. American Society of Civil Engineering.
- 2000 *Outstanding Student Award, Region 10*. US Department of Transportation University Transportation Centers.
- 1999 *Valle Fellowship*. Valle Scholarship and Scandinavian Exchange Program.

TEACHING

Courses Taught at Gonzaga University

Bold course numbers and titles indicate new course preparation. Senior Design teams utilize a new project each year and are considered a new preparation each year.

Semester/Year	Course No.	Title	Cr. Hrs	Enrollment	Course Quality Rating*	Instructor Effectiveness Rating*
Spring 2017	ENSC 491	Senior Design Team 30, 31, and 32	3	13		
Spring 2017	ENSC 192L	Engineering First Year Seminar: Studio Section 7	2	26		
Spring 2017	CENG 318	Transportation Engineering (2 sections)	3	18/26		
Spring 2017	CENG 418	Transportation System Design	3	24		
Fall 2016	ENSC 491	Senior Design Team 30, 31, and 32	2	13	7.0	6.0
Fall 2016	ENSC 191L	Engineering First Year Seminar: Studio Section 8	2	25	5.6	4.6
Fall 2016	CENG 261	Introduction to Geomatics	2	43	6.2	6.2
Fall 2016	CENG 261L	Introduction to Geomatics Lab (3 sections)	2	12/15/16	6.1	6.0
Fall 2015	CENG 225	Engineering Geology	3	44	5.6	5.8
Fall 2015	CENG 261	Introduction to Geomatics	2	43	5.9	6.0

Semester/Year	Course No.	Title	Cr. Hrs	Enrollment	Course Quality Rating*	Instructor Effectiveness Rating*
Fall 2015	CENG 261L	Introduction to Geomatics Lab (3 sections)	1	12/15/16	6.1	6.0
Fall 2015/Spring 2016	ENSC 491	Senior Design (1 Team) – Co-advisor	2	4	N/A	N/A
Spring 2015	CENG 318	Transportation Engineering (2 sections)	3	25/29	5.2	5.3
Spring 2015	CENG 418	Transportation System Design	3	39	4.5	4.8

*Course Evaluation numbers based on 7 point scale: (1) Poor to (7) Excellent.

Courses Taught at University of Wyoming

Bold course numbers and titles indicate new course preparation. Comprehensive Design Experience (CDE) courses utilize a new project each year and are considered a new preparation for the fall semester of the course.

Semester/Year	Course No.	Title	Cr. Hrs	Enrollment	Overall Course Rating*	Overall Instructor Rating*
Spring 2015	CE 3900	Engineering Economics and Decision Making	3	61	4.6	5.5
Spring 2015	CE 4900	Comprehensive Design Experience in Transportation	3	4	6.3	6.3
Spring 2015	CE 5700	Traffic Simulations	3	11	6.1	6.6
Fall 2014	CE 3900	Engineering Economics and Decision Making	3	47	4.9	6.0
Fall 2014	CE 5700	Bicycle, Pedestrian and Transit Design	3	15	5.9	6.0
Fall 2013	CE 4900	Comprehensive Design Experience in Transportation	2	9	5.8	6.1
Fall 2013	CE 3900	Engineering Economics and Professional Ethics	3	40	4.8	5.4
Spring 2013	CE 4900	Comprehensive Design Experience in Transportation	1	9	6.0	6.0
Spring 2013	CE 3500	Introduction to Transportation Engineering	3	14	5.6	6.1
Fall 2012	CE 3500	Introduction to Transportation Engineering	3	28	5.6	6.1
Fall 2012	CE 4530/5530	Traffic Operations	3	29	5.1	5.5

Semester/Year	Course No.	Title	Cr. Hrs	Enrollment	Overall Course Rating*	Overall Instructor Rating*
Fall 2012	CE 5700	Traffic Simulation	3	8	7.0	7.0
Spring 2012	CE 5560	Traffic Safety	3	12	6.5	6.8
Spring 2012	CE 3500	Introduction to Transportation Engineering	3	28	6.1	6.3
Fall 2011	CE 4530/5530	Traffic Operations	3	19/5	5.1/7.0	5.5/7.0
Fall 2011	CE 4900	Comprehensive Design Experience in Transportation	2	15	6.1	6.1
Spring 2011	CE 4900	Comprehensive Design Experience in Transportation	1	17	5.2	5.9
Spring 2011	CE 5570	Transportation Planning	3	10	5.6	5.9
Fall 2010	CE 5575	Intelligent Transportation Systems	3	9	6.1	6.8
Fall 2010	CE 3500	Introduction to Transportation Engineering	3	19	6.4	6.6
Spring 2010	CE 4530/5530	Traffic Operations	3	12	7.0/6.7	6.5/6.8
Fall 2009	ES 1000	Introduction to Engineering	1	27	2.5	1.5
Fall 2009	CE 5560	Traffic Safety	3	7	1.1	1.14
Fall 2009	CE 4900	Comprehensive Design Experience in Transportation	2	4	4.9	6.3
Spring 2009	CE 4900	Comprehensive Design Experience in Transportation	1	4	5.6	6.3
Fall 2008	CE 5700 [5575]	Intelligent Transportation Systems	3	6	4.8	6.2
Fall 2008	CE 3500	Introduction to Transportation Engineering	3	21	5.7	6.4
Spring 2008	CE 5520	Traffic Operations	3	8	5.3	5.6
Spring 2008	CE 3500	Introduction to Transportation Engineering	3	10	4.9	5.7
Fall 2007	CE 5570	Transportation Planning	3	6	5.5	6.0
Fall 2007	CE 4900	Comprehensive Design Experience in Transportation	2	6	5.9	6.4

Semester/Year	Course No.	Title	Cr. Hrs	Enrollment	Overall Course Rating*	Overall Instructor Rating*
Spring 2007	CE 5560	Traffic Safety	3	5	6.4	6.4
Spring 2007	CE 4900	Comprehensive Design Experience in Transportation	1	10	5.9	5.9
Spring 2007	CE 3500	Introduction to Transportation Engineering	3	23	5.5	6.0
Fall 2006	CE 5540	Traffic Control	3	8	5.7	6.4
Spring 2006	CE 5520	Traffic Operations	3	8	5.3	5.6
Spring 2006	CE 3500	Introduction to Transportation Engineering	3	17	4.6	5.0
Fall 2005	CE 5570	Transportation Planning	3	9	5.5	6.0
Spring 2005	CE 4920	Civil Engineering Applications in GIS	3	13	4.9	6.3
Spring 2005	CE 5540	Traffic Control	3	11	6.3	6.7
Spring 2005	CE 3500	Introduction to Transportation Engineering	3	28	4.9	5.2
Fall 2004	CE 5560	Traffic Safety	3	10	N/A	N/A
Fall 2004	CE 5520	Traffic Operations	3	7	6.6	6.0
Spring 2004	CE 4920 [4100]	Civil Engineering Applications in GIS	3	9	N/A	N/A
Spring 2004	CE 5535	Engineering Decision Making	3	11	4.5	5.5
Spring 2004	CE 3500	Introduction to Transportation Engineering	3	28	5.2	5.9
Fall 2003	CE 5570	Transportation Planning	3	10	5.5	5.6
Fall 2003	CE 4900	Comprehensive Design Experience in Transportation	3	7	4.2	6.0
Spring 2003	CE 5550	Geometric Design of Highways	3	11	5.9	6.7
Spring 2003	CE 3500	Introduction to Transportation Engineering	3	49	4.2	5.0
Fall 2002	CE 5560	Traffic Safety	3	6	5.6	6.7

*UWyo uses a scale: (1) Excellent to (5) Poor. Above numbers have been converted to Gonzaga's 7 point scale: (1) Poor to (7) Excellent.

SERVICE

Professional Service

Transportation Research Board (TRB):

- Member of the Committee on Surface Transportation Weather (AH010), 2014-Present
 - Committee Research Coordinator, 2015-Present
- Member of the Committee on Transportation Economics (ABE20), 2008 – Present
- Member of the Committee on Statewide Multimodal Planning (ADA10), 2000 – 2010
 - Paper review coordinator for three years
- Planning Committee for Federal Highway Administration Sponsored Peer Exchange “Transportation and the Economy” July 17, 2009, Snoqualmie, WA. Sponsored by the FHWA.
- Conference Planning Committee for “Meeting Federal Surface Transportation Requirements in Statewide and Metropolitan Transportation Planning: A Conference,” September 3-5, 2008, Atlanta, GA
- Session Planner and Moderator, Transportation Research Board Annual Meeting, Annually every January from 2006-2010, Washington, D.C.
- Planning Committee for Federal Highway Administration Sponsored Peer Exchange “Innovations in Statewide Planning Peer Exchange”, July 12-13, 2005, Boston, MA. Sponsored by the FHWA.

National Council of Examiners for Engineering and Surveying (NCEES):

- Fundamentals of Engineering Standard Setting Study, December, 2005 and October, 2012
- Professional Engineering Exam Standard Setting Study, May 2015
- Fundamentals of Engineering Exam Committee, Civil Module, 2006 – Present, Chair of the Civil Module, 2016-Present

Institute of Transportation Engineers (ITE):

- Transportation Education Council Executive Board, 2007 – Present; Vice Chair, Jan. 2008 – Dec. 2010, Chair Jan. 2011- 2013
- District 6 and International Student Paper Contest Selection Committees, 2005, 2006, and 2008 , 2013, 2014
- 2018 Joint Western and Texas District Annual Meeting Local Arrangements Committee, Keystone, CO.
- 2014 Joint Western and Midwest District Annual Meeting Local Arrangements Committee, Rapid City, SD.
- International Student Chapter Award Committee, 2006 – 2008, 2013
- 2009 Western District Annual Meeting Local Arrangements Committee, Denver, CO.
- Student Chapter Advisor 2002 – Present
- Planning Committee for “Transportation Engineering Education Conference” June 22-24, 2009, Portland, OR.

ABET

- Program Evaluator Training, 2014.

National Cooperative Highway Research Program (NCHRP)

- Panel member on NCHRP 08-36/Task 112: Cross Mode Project Prioritization – An assessment of Current Practice. Began October 2012 for 12 month project.

Journal Review:

- Associate Editor, Journal of Transportation, 2012 – Present
- Transportation Research Record: 2001 – Present
- American Society of Engineering Education 2013-Present
- Accident Analysis and Prevention: 2007-Present
- Journal of Transportation Engineering: 2009-Present
- Transportation Letters: 2009
- Journal of Environmental Management: 2008 (transportation related articles only)

PacTrans: Region 10 University Transportation Center

- Proposal reviewer
- Project Monitor for “Digital Dissemination Platform of Transportation Engineering Education Materials Founded in Adoption Research: Phases 1 and 2”

University Service

Gonzaga University

Commencement Committee, December 2015 – Present

Office of Sustainability’s Commute Trip Reduction Committee, September 2015 – Present

Cataldo Project, Advisory Group, Sept. 2016-Present; Workshop Participant, May 2016

Western Conversations Delegation, October 2016

Academic Council Curriculum Committee, Spring 2016

University of Wyoming

Academic Leadership Lunch Series (invited participant), 2012-13 AY, sponsored by Academic Affairs

University Representative to the Albany County Transportation Authority.

Board Chair. Sept. 2014-Present

Secretary of the Board. Fall 2011 – Sept. 2014

Elbogen Center for Teaching and Learning, Spring 2012 Colloquium Planning Committee

Panel Member for New Faculty Orientation. August 2012.

Faculty Senate Ad-hoc Committee on Childcare Issues, Spring 2011-Fall 2011

Facilities Planning. Level 1 Planning Committee for Campus Transit Facility, Spring 2010 - Present

Office of Academic Affairs. Panel to review the Collaborative on Academic Careers in Higher Education (COACHE) Survey Results. Fall 2008.

School/College Service

Gonzaga University School of Engineering and Applied Science (SEAS)

School Standing Committees

Chair of the Committee for the Freshman Seminar Course, Fall 2015 - Present

Member of the Assessment Committee, Fall 2015 – Present

School Search Committees

Chair of the Search Committee for the Freshman Engineering Faculty Position, 15-16 AY

University of Wyoming College of Engineering and Applied Science (CEAS)

College Standing Committees

Mentor for the CEAS Faculty Mentoring Program, Fall 2012 – Present

Academic Programs Committee (APC), Spring 2010 – Aug. 2012; Chair, Fall 2011

Administrative Council (AC), Jan. – Aug. 2011
College of Engineering Technology Committee (CETC), 2002 – Fall 2007

College Search Committees

Chemical and Petroleum Engineering Department Head Search Committee, Fall 2009-Spring 2010
College of Engineering, Search Committee for Systems Programmer, Fall 2006
College of Engineering, Selection Committee for joint College of Engineering – Women’s Studies
Graduate Assistantship Position – Spring 2005

Department Service

Gonzaga University Department of Civil Engineering

Department Search Committees

Geotechnical Faculty Position, 2015-2016 AY
Environmental Faculty Position, 2015-2016 AY

University of Wyoming Department of Civil and Architectural Engineering (CAE)

Department Standing Committees

Department of Civil and Architectural Engineering Curriculum, Teaching, and Learning (CTL) Committee,
Fall 2002-Spring 2015
Department of Civil and Architectural Engineering Recruiting Team, Fall 2012 – Spring 2015
Department of Civil and Architectural Engineering “Good Friday Club” Spring 2012 – Spring 2015
Department of Civil and Architectural Engineering Graduate Committee, Fall 2005 – Fall 2007
Department of Civil and Architectural Engineering Undergraduate Program Director, January 2009-
August 2012

Department Search Committees

Geotechnical Engineering Faculty Position Search Committee, Fall 2014
Transportation Engineering Faculty Position Search Committee Chair, Fall 2012-Spring 2013
Academic Professional – Lecturer, Spring 2011
Computer Support Specialist, Senior Staff Position Search Committee, Spring 2010
Architectural Engineering Program Academic Professional Search Committee, Spring 2010
Transportation Engineering Faculty Position Search Committee, Fall 2008 – Spring 2009
Accounting Associate Senior Staff Position Search Committee, Fall 2008
Environmental Engineering Faculty Position Search Committee, Fall 2007 – Spring 2008
Computer Support Specialist, Senior Staff Position Search Committee, Spring 2008

Construction Program

Worked with the Wyoming Contractors Association in the development of a \$424,000 grant proposal from Wyoming Department of Workforce Service to add construction classes to the curriculum for a two year trial period. Grant was funded in March 2012 but funding lost due to contract issues between state and University.

STUDENT ADVISING/GRADUATE SUPERVISION

Undergraduate Students

- Between 20 and 40 undergraduate advisees at University of Wyoming.

- Scheduled to begin undergraduate advising at Gonzaga University in the Fall 2016.

Graduate Students Completed at University of Wyoming

Chair (16 MS, 3 PhD)

Plan A Masters students require a thesis, Plan B require a project paper. All PhD students require a dissertation.

1. Hammit, Britton. Master of Science in Civil Engineering (Plan A) August 2016.
2. Thapa, Sandeep. Master of Science in Civil Engineering (Plan A) August 2016.
3. Saha, Promothas. PhD in Civil Engineering May 2015
4. Sabawat, Vijay. PhD in Civil Engineering December 2013
5. Sui, Yanfei. Master of Science in Civil Engineering (Plan A) December 2013.
6. Apronti, Tsatsu. Master of Science in Civil Engineering (Plan A) May 2013.
7. Milliken, Eric. Master of Science in Civil Engineering (Plan A) May 2013.
8. Offei, Edward. Master of Science in Civil Engineering (Plan A) December 2011.
9. Layton, Emily. Master of Science in Civil Engineering (Plan A) August 2011.
10. Ringenberg, Paul. Master of Science in Civil Engineering (Plan A) August 2011.
11. Dai, Qiyue. Master of Science in Civil Engineering (Plan A) December 2009.
12. Buddemeyer, Jenna. Master of Science in Civil Engineering (Plan A) August 2009.
13. Edwards, Michelle. Master of Science in Civil Engineering (Plan A) December 2008.
14. Vander Giessen, Steven. Master of Science in Civil Engineering (Plan A) August 2007.
15. Vokurka, Christopher. Master of Science in Civil Engineering (Plan A) May 2007.
16. Zhong, Tao. PhD in Civil Engineering December 2007.
17. Tomasini, Michael. Master of Science in Civil Engineering (Plan A) December 2006.
18. Schieck, Shane. Master of Science in Civil Engineering (Plan A) August 2005.
19. Sunchu Keshava, Vinod Kumar. Master of Science in Civil Engineering (Plan B) August 2005.
20. Liesman, Joel. Master of Science in Civil Engineering (Plan A) May 2005.
21. Wolffing, Christopher. Master of Science in Civil Engineering (Plan A) May 2004.

Co-Chair (2 MS, 1 PhD)

1. Offei, Edward. PhD in Civil Engineering May 2014.
2. Al-Tarkeet, Khaled. Master of Science in Civil Engineering (Plan A) December 2002.
3. Narayan, Sindhu. Master of Science in Civil Engineering (Plan A) December 2002.

Graduate Students Current at University of Wyoming

1. *Hammit, Britton*. Co-Chair. PhD in Civil Engineering. Started PhD program September 2016.

POSTDOCTORAL STUDENTS/RESEARCH ASSOCIATES

Zhong, Tao. Postdoctoral student from January – May 2008.

PUBLISHED & SUBMITTED WORKS

Peer Reviewed Articles and Conference Proceedings

(Non-peer reviewed conference proceedings listed only as presentations and not publications)

1. Hammit, Britton, Mohamed Ahmed, and Rhonda Young. (2016) “Feasibility of Using Connected Vehicle Data for Rural Roadway Weather Conditions in Wyoming. *Proceedings from the 95th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2016.

2. Hurwitz, David, Kristen Sanford-Bernhardt, Rod Turochy, and Rhonda Young. (2015) "Transportation Engineering Curriculum: An Analytic Review of the Literature". *ASCE Journal of Professional Issues in Engineering Education and Practice*. DOI [10.1061/\(ASCE\)EI.1943-5541.0000275](https://doi.org/10.1061/(ASCE)EI.1943-5541.0000275) , 04016003.
3. Hurwitz, David, Kristen Sanford-Bernhardt, Rod Turochy, and Rhonda Young. (2015) "Transportation Engineering Instructional Practices: An Analytic Review of the Literature". *Transportation Research Record 2480*, pp 45-54.
4. Saha, Promothesh, Mohamed Ahmed, and Rhonda Young. (2015) "Safety Effectiveness of Variable Speed Limit Systems in Adverse Weather Conditions on Challenging Roadway Geometry". *Transportation Research Record 2521*, p 45-53. DOI: 10.3141/2521-05.
5. Offei, Edward, Rhonda Young, Khaled Ksaibati, and Dick Apronti. (2015) "Evaluating Base Widening Methods". *International Journal of Pavement Engineering*, Vol 17 (6), p 517-527. DOI: 10.1080/10298436.2015.1007227
6. Young, Rhonda, Kristen Sanford-Bernhardt, David Hurwitz, and Rod Turochy. (2015) "What a Systematic Literature Review Tells Us About Transportation Engineering Education". *Proceedings of the American Society of Engineering Education 2015 Annual Conference*, June 2015.
7. Saha, Promothesh and Rhonda Young. "Safety and Road Closure Benefits of Rural Interstate Variable Speed Limit Systems". *Proceedings of the 21st ITS World Congress*. Detroit, MI, September, 2014.
8. Sui, Yanfei, and Rhonda Young. (2014) "Impact of Dynamic Message Signs on Speeds Observed on a Rural Interstate". *ASCE Journal of Transportation Engineering*, June 2014, Volume 140 (6).
9. Hurwitz, David, Joshua Swake, Shane Brown, Rhonda Young, Kevin Heaslip, Kristen Sanford Bernhardt, and Rod Turochy. (2014) "Influence of Collaborative Curriculum Design on Educational Beliefs, Communities of Practitioners, and Classroom Practice in Transportation Engineering Education". *ASCE Journal of Professional Issues in Engineering Education and Practice*, July 2014, Volume 140 (3).
10. Sabawat, Vijay, and Rhonda Young. (2014) Transferability of Control Strategies Across Rural Variable Speed Limit Corridors. *Proceedings from the 93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.
11. Saha, Promothesh, and Rhonda Young. (2014) Weather-Based Safety Analysis for the Effectiveness of Rural VSL Corridors. *Proceedings from the 93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.
12. Sandford-Bernhardt, Kristen, David Hurwitz, Rhonda Young, Rod Turochy, Shane Brown, Joshua Swake, Andrea Bill, Kevin Heaslip, and Michael Kyte. (2013) A Model for Collaborative Curriculum Design in Transportation Engineering Education. *Proceedings of the American Society of Engineering Education 2013 Annual Conference*, June 2013.
13. Offei, Edward, and Rhonda Young. (2013) "Crash Rates on Interstate Segments with Very Large Truck Percentages". *Proceedings from the 92nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2013.
14. Sabawat, Vijay and Rhonda Young. (2012) "Control Strategy for Rural Variable Speed Limit Corridor." *Transportation Research Record 2329*, p 31-44.
15. Turochy, Rod, Jon Fricker, H. Gene Hawkins, David Hurwitz, Stephanie Ivey, Michael Knodler, Rhonda Young. (2012) "Assessment of the Introductory Engineering Course and General Transportation Engineering Curriculum". *Transportation Research Record 2328*, p. 9-15.
16. Young, Rhonda, Kristen Sandford Bernhardt, Shashi Nambisan. (2012) "Core Concepts and Learning Outcomes in an Introductory Transportation Engineering Course: An Evaluation of Pilot

- Implementations”, *Proceedings of the American Society of Engineering Education 2012 Annual Conference*, June 2012.
17. Layton, Emily and Rhonda Young. (2011) “Effects on Speeds of Rural Variable Speed Limit System”. *Proceedings of the 18th ITS World Congress on ITS*. Orlando, FL, October, 2011
 18. Bill, Andrea, Steve Beyerlein, Kevin Heaslip, David Hurwitz, Michael Kyte, Kristen Sanford Bernhardt, Rhonda Young. (2011) “Development of Knowledge Tables and Learning Outcomes for the Introductory Course in Transportation Engineering”. *Transportation Research Record*, Issue 2211, pages, 27-35.
 19. Young, Rhonda, , Kristen Sanford Bernhardt, Steven Beyerlein, Andrea Bill, Shashi Nambisan, Ida van Schalkwyk, and Rod Turochy, (2011) “A Nationwide Effort to Improve Transportation Engineering Education”. *Proceedings of the American Society of Engineering Education 2011 Annual Conference*, June 2011.
 20. Kyte, Michael, Andrea Bill, and Rhonda Young. (2010) “Everything You Need to Know About Transportation Engineering in 40 Hours.” *ITE Journal*, Oct 2010, Pages 40-43.
 21. Buddemeyer, Jenna, Rhonda Young, and Brendan Dorsey-Spitz. (2010) “Rural Variable Speed Limit System for Southeast Wyoming” *Transportation Research Record 2189*, Pages 37-44.
 22. Zhong, Tao and Rhonda Young. (2010) “Multiple Choice Knapsack Problem: Example of Planning Choice in Transportation.” *Evaluation and Program Planning*, Vol 33, Issue 2, Pages 128-137.
 23. Sanford Bernhardt, Kristen, Steven Beyerlein, Andrea Bill, Shashi Nambisan, Ida van Schalkwyk, Rod Turochy, and Rhonda Young. (2010) Development of Core Concepts and Learning Outcomes for the Introductory Transportation Course. *Proceedings of the American Society of Engineering Education 2010 Annual Conference*, June 2010.
 24. Dai, Qiyue and Rhonda Young. (2010) High Wind Warning System to Prevent Overturning Truck Crashes in Wyoming, *Proceedings form the 89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.
 25. Beyerlein, Steven, Andrea Bill, Ida van Schalkwyk, Kristen Sanford Bernhardt, Rhonda Young, Shashi Nambisan, and Rod Turochy. (2010) Formulating Learning Outcomes Based on Core Concepts for the Introductory Transportation Engineering Course, *Proceedings form the 89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.
 26. Vander Giessen, Steven, James Kladianos, and Rhonda Young. (2009) “Effects of Varying Functional Classification on the Cost of Roadways.” *ASCE Journal of Transportation Engineering*, Vol. 135, Issue 1, Pages 37-42.
 27. Young, Rhonda, April Heaney, and James Kladianos. (2009) Assessing Writing in a Comprehensive Design Course, *Proceedings of the American Society of Engineering Education 2009 Annual Conference*, June 2009.
 28. Vokurka, Christopher, and Rhonda Young. (2008) Relating Vehicle-Wildlife Crashes to Road Reconstruction. *Proceedings from the 87th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2008.
 29. Zhong, Tao, Rhonda Young, Mike Lowry, and G. Scott Rutherford. (2007) “A Model for Public Involvement in Transportation Improvement Programming using Participatory Geographic Information Systems.” *Computers, Environment, and Urban Systems*, Vol. 32, Issue 2, pages 123-133.
 30. Young, Rhonda, Tao Zhong, Mike Lowry, G. Scott Rutherford, and Timothy Nyerges. (2007) “An Analytic-Deliberative Online Framework for Transportation Programming”. *International Journal of Technology, Knowledge, and Society*. Vol. 3, Issue 2, pages 89-98.

31. Young, Rhonda and Joel Liesman. (2007) "Intelligent Transportation Systems for Operation of Roadway Segments in High-Wind Conditions." *Transportation Research Record 2000*, Pages 1-7.
32. Young, Rhonda and Joel Liesman. (2007) "Estimated Relationship between Measured Wind Speed and Overturning Truck Crashes Using Binary Logit Model." *Accident Analysis and Prevention*, Vol. 39, Issue 3, pages 574-580.
33. Zhong, Tao, Mike Lowry, Rhonda Young, G. Scott Rutherford and Timothy Nyerges. (2007) "An Analytic-Deliberative Framework for Transportation Programming." *Proceedings from the 86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.
34. Zhong, Tao, Mike Lowry, Rhonda Young, and G. Scott Rutherford (2007) "A New Model for Public Involvement in Transportation Improvement Programming." *Proceedings from the 86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.
35. Young, Rhonda. (2006) *Transportation Research Circular E-C091: Innovations in Statewide Planning*. Transportation Research Board, National Academy Press, Washington D.C.
36. Nyerges, Timothy, Terry Brooks, Piotr Jankowski, G. Scott Rutherford, and Rhonda Young. (2006) "Web Portal Implementation to Support Participation in Transportation Decision Making." *Proceedings of the 7th Annual International Conference on Digital Government Research*, San Diego, CA.
37. Nyerges, Timothy, Terry Brooks, Piotr Jankowski, G. Scott Rutherford, and Rhonda Young. (2005) "Public Participation in Transportation Decision Making." *Proceedings of the 2005 National Conference on Digital Government Research*, Atlanta, GA.
38. Young, Rhonda, Chris Wolffing, and Michael Tomasini. (2005) "Highway Construction Impacts to Wyoming Businesses." *Transportation Research Record 1924*, pages 94-102.
39. Young, Rhonda, Jennifer Barnes, and G. Scott Rutherford. (2002) "Multimodal Investment Choice Analysis for Washington State Transportation Projects: Phase 1 Results." *Transportation Research Record 1817*, pages 137-142.

Other Publications

1. Milliken, Eric and Rhonda Young. (2015) Use of Travel Time, Travel Time Reliability, and winter Condition Index Information for Improved Operation of Rural Interstates. Mountain-Plains Consortium, MPC-15-295. Fargo, ND.
2. Britton Hammit and Rhonda Young. (2015) Connected Vehicle Weather Data for Operation of Rural Variable Speed Limit Corridors. Mountain-Plains Consortium, MPC-15-299. Fargo, ND.
3. Edward Offei, Rhonda Young, Khaled Ksaibati, and Dick Apronti. (2014) Evaluating Base Widening Methods. Wyoming Department of Transportation, FHWA-WY-14/02F. Cheyenne, WY.
4. Young, Rhonda, Vijay Sabawat, Promotes Saha, and Yanfei Sui. (2013) Rural Variable Speed Limits: Phase II. Wyoming Department of Transportation, FHWA-WY-13/03F. Cheyenne, WY.
5. Offei, Edward and Rhonda Young. (2012) Relationship between Heavy Vehicle Percentages and Crash Rates. Mountain-Plains Consortium.
6. Ringenberg, Paul and Rhonda Young. (2010) Developing a System for consistent Messaging on Interstate 80 Dynamic Message Signs: Phase II. Mountain-Plains Consortium, MPC-09-211B, Project #286.
7. Young, Rhonda, Edward Offei, and Qiyue Dai. (2010) High Wind Warning System for Bordeaux, Wyoming. Wyoming Department of Transportation, FHWA-WY-10/05F, Cheyenne, Wyoming.

8. Buddemeyer, Jenna, Rhonda Young, Vijay Sabawat, and Emily Layton. (2010) Variable Speed Limit System for Elk Mountain Corridor. Wyoming Department of Transportation, FHWA-WY-10/04F, Cheyenne, Wyoming.
9. Dai, Qiyue, Rhonda Young, Steven Vander Giessen. (2008) Evaluation of an Active Wildlife-Sensing and Driver Warning System at Trapper's Point. Wyoming Department of Transportation, FHWA-WY-09/03F, Cheyenne, Wyoming.
10. Edward, Michelle and Rhonda Young. (2008) Developing System for Consistent Messaging on Interstate 80's Dynamic Message Signs: Phase I. Mountain-Plains Consortium, Fargo, North Dakota.
11. Buddemeyer, Jenna, Rhonda Young, and Steven Vander Giessen. (2008) Highway Construction Related Business Impacts: Phase 3 Effort for the Town of Dubois. FHWA-WY-08/01F, Cheyenne, Wyoming.
12. Vokurka, Chris and Rhonda Young. (2007) Relating Vehicle Wildlife Crashes to Roadway Improvements. Wyoming Department of Transportation and the Mountain-Plains Consortium, FHWA-WY-07/02F, Cheyenne, Wyoming.
13. Schneider, Gary, Larry Redd, Rhonda Young, and Michael Tomasini. (2006) Feasibility of a Next-Generation Intermodal Rail-Truck Transport System for the Western I-80 Corridor: Engineering Economic, Environmental, Safety and Security Policy Considerations. Wyoming Department of Transportation FHWA-WY-06/04F, Cheyenne, Wyoming.
14. Schieck, Shane and Rhonda Young. (2005) Highway Construction Related Business Impacts: Phase II. Wyoming Department of Transportation Report FHWA-WY-05/04F, Cheyenne, Wyoming.
15. Young, Rhonda, Joel Liesman, David Lucke, and Shane Schieck. (2004) Wyoming Freight Movement and Wind Vulnerability . Wyoming Department of Transportation and the Mountain-Plains Consortium. FHWA-WY-04/06F, Cheyenne, Wyoming.
16. Wolffing, Chris, Joel Liesman, Rhonda Young, and Khaled Ksaibati. (2004) Highway Construction Related Business Impacts: Phase I Results; Wyoming Department of Transportation Report FHWA-WY-04/01F, Cheyenne, Wyoming.
17. Young, Rhonda, Jennifer Barnes, and G. Scott Rutherford. (2002) Multimodal Investment Choice Analysis-Phase I (MICA); Washington Department of Transportation Report WA-RD 547.1, Olympia, Washington.
18. Young, Rhonda, Jennifer Barnes, and G. Scott Rutherford. (2002) Multimodal Investment Choice Analysis-Technical Documentation (MICA); Washington Department of Transportation Report WA-RD 547.2, Olympia, Washington.
19. Young, Rhonda. (1999) Two Essays on Transportation Planning: Sweden and Washington State. Royal Institute of Technology, Department of Infrastructure and Planning. Report No. TRITA-IP FR 00-68. January 2000

PRESENTED PAPERS/SYMPOSIA/INVITED LECTURES/PROFESSIONAL MEETINGS/WORKSHOPS

National and International Meetings

1. "Use of Travel Time, Travel Time Reliability, and Winter Condition Index Information for Improved Operation of Rural Interstates". Upper Great Plains Transportation Institute Webinar on October 3, 2016.
2. "The Future of Resource Documents" Focus Panel the Institute of Transportation Engineers International Meeting, August, 2016 in Anaheim, CA.
3. "Connected Vehicles and Rural Road Weather Management" USDOT Intelligent Transportation Systems Joint Program Office Talking Technology and Transportation (T3) Webinar, July 2016.

4. "Feasibility of Using Connected Vehicle Data for Rural Roadway Weather Conditions in Wyoming." Presented at the 95th Annual Meeting of the Transportation Research Board, Washington, D.C., January 2016.
5. "A Connected Vehicle Road Weather Data Collection System" Presented at the National Rural Intelligent Transportation System (NRITS) Conferee, Snowbird, UT, August 2015.
6. "What a Systematic Literature Review Tells Us About Transportation Engineering Education". Presented at the American Society of Engineering Education 2015 Annual Conference. Seattle, WA, June, 2015.
7. "Transportation Engineering Instructional Practices: An Analytic Review of the Literature." Presented at the 94th Annual Meeting of the Transportation Research Board, Washington, D.C., January 2015.
8. "Safety Effectiveness of Variable Speed Limit Systems in Adverse Weather Conditions on Challenging Roadway Geometry". Presented at the 94th Annual Meeting of the Transportation Research Board, Washington, D.C., January 2015.
9. "Safety and Road Closure Benefits of Rural Interstate Variable Speed Limit Systems". Presented at the International World Congress on Intelligent Transportation Systems, Detroit, MI, September 2014.
10. "Speed and Safety Analyses on Rural Variable Speed Limit Corridors". Presented at the 17th International Road Weather Conference, La Massana, Andorra, January 2014.
11. "Variable Speed Limit System for I-80 Corridor in Wyoming: Improving Safety on Roadways in Adverse Conditions". Presented at the 93rd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2014.
12. "Weather-Based Safety Analysis for Effectiveness of Rural Variable Speed Limit Corridors". Presented at the 93rd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2014.
13. "Transferability of Weather-Based Control Strategy Across Rural Variable Speed Limit Corridors. Presented at the 93rd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2014.
14. "Speed and Safety Analyses on Wyoming Rural Variable Speed Limit Corridors." National Rural ITS Conference, St. Cloud, MN, August 2013.
15. "Transforming Undergraduate Transportation Education Workshop: A Model for Collaborative Curriculum Design in Transportation Engineering Education" Presented at the International Meeting for the Institute of Transportation Engineers, Boston, MA, August 2013.
16. "Control Strategy for Rural Variable Speed Limit Corridor" Presented at the 92nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2013.
17. "Crash Rates on Interstate Segments with Very Large Truck Percentages" Presented at the 92nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2013.
18. "Assessment of Introductory Transportation Engineering Course and General Transportation Engineering Curriculum" Presented at the 92nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2013.
19. "Educating the Transportation Professional – Innovative Practices in the Classroom and Workplace: Conversation Circle". Presented at the Institute of Transportation Engineers International Meeting in Atlanta, GA, in August 2012.
20. "A Model for Collaborative Curriculum Design in Transportation Engineering Education" Presented at the American Society of Engineering Education, Atlanta, GA, June 2013.
21. "Transportation Engineering Educators Conference" Funded by the National Science Foundation. Presenter and Organizing Committee. July 31-August 1, 2012, Seattle, WA.

22. "Control Strategy for Rural Variable Speed Limit Corridor" Presented at the 92nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2013.
23. "Crash Rates on Interstate Segments with Very Large Truck Percentages" Presented at the 92nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2013.
24. "Assessment of Introductory Transportation Engineering Course and General Transportation Engineering Curriculum" Presented at the 92nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2013.
25. "Core Concepts and Learning Outcomes in an Introductory Transportation Engineering course: An Evaluation of Pilot Implementations." Presented at the American Society of Engineering Education, San Antonio, TX June 2012.
26. "Use of Real Time Weather Variables to Operate Rural Interstates in Wyoming". Presented at the 16th Conference of the Standing International Roadway Weather Commission (SIRWEC), May 2012, Helsinki, Finland.
27. "Estimating Travel Times on a Rural Interstate". Presented at the 2011 National Rural ITS Conference, Coeur d'Alene, ID, August 2011.
28. "Nationwide Effort to Improve Transportation Engineering Education". Presented at the 2011 American Society of Engineering Education, Vancouver, B.C., June 2011.
29. "Development of Core Concepts and Learning Outcomes for the Introductory Transportation Course". Presented at the 90th Annual Meeting of the Transportation Research Board, Washington, D.C., January 2011.
30. "Rural Variable Speed Limit Systems" and "Trappers Point Wildlife Detection System". Presented at the 2010 National Rural ITS conference, Huntington, WV, July 2010.
31. "Rural Variable Speed Limit System for Southeast Wyoming" Presented at the 89th Annual Meeting of the Transportation Research Board, Washington, D.C., January 2010.
32. "High Wind Warning System to Prevent Overturning Truck Crashes in Wyoming" Presented at the 89th Annual Meeting of the Transportation Research Board, Washington, D.C., January 2010.
33. "Need to Develop Core Concepts and Learning Outcomes for Introductory Transportation Engineering Course" Presented at the 89th Annual Meeting of the Transportation Research Board, Washington, D.C., January 2010.
34. "Weather and Speed Indicators to Support Variable Speed Limit System in Southeastern Wyoming" Presented at the 2009 National Rural ITS Conference, Seaside, OR, September 2009.
35. "Use of RWIS Data for Rural ITS Deployments in Wyoming". Presented at the 2008 National Rural ITS Conference, Anchorage, AK, September 2008.
36. "Mitigating Wildlife's Impact on the Transportation System". Presented at the 2008 National Rural ITS Conference, Anchorage, AK, September 2008.
37. "Use Visualization in Transportation Planning". Presented at the TRB Meeting Federal Surface Transportation Requirements in Statewide and Metropolitan Transportation Planning Conference, Atlanta, GA 2008.
38. "Relating Vehicle-Wildlife Crashes to Road Reconstruction". Presented at the 87th Annual Meeting of the Transportation Research Board, Washington, D.C., January 2008.
39. "Relating Vehicle-Wildlife Crash Rates to Roadway Improvements." Presented at the International Conference on Ecology and Transportation, Little Rock, AR, May 2007.
40. "A New Model for Public Involvement in Transportation Improvement Programming." Presented at the 86th Annual Meeting of the Transportation Research Board, Washington, D.C., January 2007.
41. "An Analytic-Deliberative Framework for Transportation Programming." Presented at the 86th Annual Meeting of the Transportation Research Board, Washington, D.C., January 2007.

42. "Mitigation of Business Impacts Caused by Highway Reconstruction Presented at the 86th Annual Meeting of the Transportation Research Board, Washington, D.C., January 2007.
43. "Use of ITS for Operation of Roadway Segments in High Wind Conditions". Presented at the 86th Annual Meeting of the Transportation Research Board, Washington, D.C., January 2007.
44. "Highway Construction Impacts on Wyoming Businesses." Presented at the 84st Annual Meeting of the Transportation Research Board, Washington, D.C., January 2005.
45. "Creating Linkages between Planning and Programming." Presented at the Statewide Transportation Planning Conference: Making Connections, Duck Key, Florida, May 2003.
46. "Multimodal Investment Choice Analysis for Washington State Transportation Projects." Presented at the 81st Annual Meeting of the Transportation Research Board, Washington, D.C., January 2002.

Regional Meetings

1. "Workforce Development: Higher Education" PacTrans Regional Transportation Conference. Seattle, WA on October 14, 2016.
2. "Connected Vehicles and Rural Road Weather Management" Portland State University Transportation Seminar Series, Portland, OR on May 20, 2016.
3. "Transportation and Road Weather" Portland State University Transportation Seminar Series, Portland, OR on April 18, 2014.
4. "Variable Speed Limit Corridors in Wyoming" 10th Annual Spring Transportation Symposium, Denver, CO on April 5, 2013.
5. "Variable Speed Limit Corridors in Wyoming" Wyoming Engineering Society, February 6, 2013.
6. "Rural Variable Speed Limit System for I-80 Corridor in Southeast Wyoming" Institute of Transportation Engineers, District 6 Annual Meeting, July 2009.
7. "Operation of Roadway Facilities with Very High Truck Volumes." Presented at the Canadian Institute of Transportation Engineers Annual Meeting and Quad Conference, April 2008.
8. "Funding Transportation Infrastructure." Presented at the Wyoming Business Day at the Legislature, Cheyenne, WY, February 2008.
9. "Highway Construction Related Business Impacts." Presented at the Wyoming Association of Municipalities, Cheyenne, WY, September 2005.
10. "Transportation Impact Fees Workshop." Presented at the Wyoming Engineers Society Annual Meeting, Casper, WY, February 2004.
11. "Multimodal Hubs: An Option for the Washington State Freight Infrastructure Strategy." Presented at the 7th Annual Global Trade and Transportation Logistics Conference, Seattle, Washington, June 2001.
12. "Freight Mobility: State Perspective on a Global Issue." Presented at the Fall Global Trade and Transportation Logistics Conference, Seattle, Washington, December 2000.
13. "Transportation Planning in Sweden." Presented at the Institute of Transportation Engineers Washington Section, Seattle, Washington, May 2000

CONTRACTS & GRANTS

Funded Projects

Total Project Funding: \$9.79 million; PI Share of Total Funding: \$2.13 million

(reported funding amounts do not include salary on in-kind cost shares)

1. US Department of Transportation University Transportation Center (UTC) Program. Member of PacTrans Regional UTC. Total project budget \$14 million over 5 years. Gonzaga share a minimum of \$10,000 per year over 5 years. Funded December 2016.
2. U.S. Department of Transportation Connected Vehicle Pilot Deployment Project – Wyoming/ICF. Phase I funding approved by USDOT for funding in September, 2015. Project Lead: ICF International. Total project budget \$5.1 million. (PI Share: Phase I: \$70,000; Phase 2 and 3: \$90,000)
3. *Pedestrian and Bicycle Guide for Rural Communities*. Approved by the Mountain-Plains Consortium. Total Project Budget \$42,767 over 18 months. Project to be completed December 2016.
4. *Driver Performance and Behavior in Adverse Weather Conditions: An Investigation Using the SHRP2 Naturalistic Driving Study Data*. Approved by USDOT. Total Project Budget \$292,674. (10% PI) Project to be completed June 2016.
5. *Speed Selection Behavior During Winter Road Conditions*. Approved by the Mountain-Plains Consortium. Total Project Budget \$63,482.42 over 18 months. Project to be completed January 2016. (100% PI)
6. *Connected Vehicle Weather Data for Operations of Rural VSL Corridors*. Approved by the Mountain-Plains Consortium. Total Project Budget \$71,073 over 18 months. Project to be completed January 2015. (100% PI)
7. *Transportation Educators Conference: Advancement of the National Transportation Curriculum Project*. National Science Foundation Conference Proposal. Approved April, 2012, \$30,000. Oregon State University lead. (Collaborative effort and not included in funding totals)
8. *Use of Travel Time, Travel Time Reliability, and Winter Condition Index Information for Improved Operation of Rural Interstates*, Approved by the Mountain-Plains Consortium. Total Project Budget \$80,007 over 12 months. Project to be completed January 2012. (100% PI)
9. *Evaluating Base Widening Methods*. Khaled Ksaibati and Rhonda Young. \$114,134 over 30 months. Approved by the Wyoming Department of Transportation Research Committee. Project to be completed December 2013. 50% of the budget (\$57,067) for each PI.
10. *Rural Travel Times*. Principal Investigator: Rhonda Young. Approved by the Wyoming Department of Transportation Research Committee. Total Project Budget \$130,730 over 24 months. Project to be completed July 2013. (100% PI)
11. *Quantifying the Impact of Very High Heavy Vehicle Proportion on Rural Freeways*. Principal Investigators: Rhonda Young and Steve Boyles. \$80,443 over 18 months. Funded by the Mountain-Plains Consortium. Project to December 2011. 50% of the budget (\$40, 221.50) for each PI.
12. *Rural Variable Speed Limit Systems*. Principal Investigator: Rhonda Young. Approved May 2010. Total Project Budget \$182,403 over 30 months. Project to be completed December 2012. (100% PI)
13. *Southern Wyoming I-80 Dynamic Message Signs Evaluation*. Principal Investigator: Rhonda Young. Subcontract with SAIC. Approved September 2007. Total Project Budget \$28,753 over 32 months. Project completed April 2010. (100% PI)
14. *ITS System to Reduce High Wind Truck Crashes on I-25 near Bordeaux, WY*. Principal Investigator: Rhonda Young. Approved by the Wyoming Department of Transportation Research Committee, July 2007. Total Project Budget \$166,744 over 3 years. Project completed July 2010. (100% PI)
15. *Variable Speed Limit System for I-80 Elk Mountain Corridor*. Principal Investigator: Rhonda Young. Approved by the Wyoming Department of Transportation Research Committee, July 2007. Total Project Budget \$390,184 over 2.5 years. Project completed February 2010. (100% PI)

16. *Developing System for Consistent Messaging on Interstate 80's Dynamic Message Signs.* Rhonda Young. Approved by the Mountain-Plains Consortium, July 2007. Total Project Budget \$84,886 over 2 years. Project completed June 2009. (100% PI)
17. *Effectiveness of Trapper's Point Wildlife Crossing Animal Detection System.* Principal Investigator: Rhonda Young. Approved by the Wyoming Department of Transportation Research Committee, July 2006. Total Project Budget \$76,344 over 2.5 years. Project completed December 2008. (100% PI)
18. *Relating Vehicle-Wildlife Crash Rates to Roadway Improvements.* Principal Investigator: Rhonda Young. Partial funding by the Mountain-Plains Consortium for \$28,777 with the remainder from the Wyoming Department of Transportation \$50,478. Total funded amount \$79,255 for 18 months. Project completed January 2007. (100% PI)
19. *Highway Construction Related Business Impacts: Phase 3 Effort for the Town of Dubois.* Principal Investigator: Rhonda Young. Approved by the Wyoming Department of Transportation Research Committee, July 2005. Total Project Budget \$105,687 over 2.5 years. Project completed January 2008. (100% PI)
20. *Feasibility of a Next-Generation, Intermodal Rail-Truck Transport System for the Western I-80 Corridor.* Funded by the Wyoming Department of Transportation. University of Wyoming Principal Investigator: Rhonda Young. Subcontract with R&S Consulting. R&S Consulting Principal Investigators: Gary Schneider and Larry Redd. University of Wyoming budget is \$19,500 for 12 months. Total Overall Budget is \$95,700. Project completed May 2006. (100% PI for UW portion)
21. *Wyoming Freight Movement: System Vulnerabilities and ITS.* Principal Investigator: Rhonda Young. Approved by the Mountain-Plains Consortium, July 2004 for \$18,998 for 12 months. Project completed August 2005. (100% PI)
22. *Cheyenne Rail Served Industrial Park Shipper Survey.* Principal Investigator: Rhonda Young. Funded by Carter-Burgess and Pros Consulting, April 2004 for \$2,632 for 1 month. Project completed May 2004. (100% PI)
23. *Wyoming Freight Movement and Wind Vulnerability.* Principal Investigator: Rhonda Young. Approved by the Mountain-Plains Consortium, July 2003 for \$22,289 for 12 months. Matching funds approved by the Wyoming Department of Transportation Research Committee, October 2003 for \$25,682 for 12 months. Total Project Budget \$47,971 over 16 months. Project completed November 2004. (100% PI)
24. *An Internet Platform for Public Participation in Transportation Decision Making.* Submitted to the National Science Foundation, Information Technology Research, Cross-Foundation Program, February, 2003. University of Wyoming Principal Investigator: Rhonda Young. Subcontract with University of Washington. University of Washington Principal Investigators: Timothy Nyerges, Terrance Brooks, Christina Drew, and G. Scott Rutherford. University of Wyoming budget is \$221,278 over 4 years. Total Overall Budget is \$2.5 Million over 4 Years. Project completed August 2007. (100% PI for UW portion)
25. *Highway Construction Related Business Impacts.* Principal Investigators: Rhonda Young and Khaled Ksaibati. Approved by the Wyoming Department of Transportation Research Committee, January 2003. Total Project Budget \$87,972 over 2 years. Project completed January 2005. (100% PI)

OTHER ACTIVITIES/ACCOMPLISHMENTS

- City of Laramie Traffic Commission. 2005-2015
- City of Laramie Urban Systems Advisory Committee. 2007-2015
- Learning Outcomes for Introductory Transportation Engineering Course. Full day workshops held January 9, 2010 in Washington, D.C. and August 8, 2010 in Vancouver, B.C.

- Traffic Safety Workshop: Basic Concepts. Transportation Learning Network. Full-day workshop, April 22, 2008. Held in Laramie, WY and broadcast over Transportation Learning Network to sites across four states.
- Traffic Safety Workshop: Identifying Projects. Transportation Learning Network. Full-day workshop, April 29, 2008. Held in Laramie, WY and broadcast over Transportation Learning Network to sites across four states.