

Curriculum Vitae
Alexander Drakopoulos
Associate Professor of Civil and Environmental Engineering
Updated May 2009

Special Fields:

Geometric Design of Highways
Traffic Operations
Accident Analysis
Human Factors

Birth Date: July 28, 1957

Education:

1976-1981 University of Ioannina, Ioannina, Greece.
1982-1986 Michigan State University, East Lansing, Michigan.
1989-1993 Michigan State University, East Lansing, Michigan.

Degrees:

B.S. 1981 University of Ioannina, Ioannina, Greece.
M.S. 1983 Michigan State University, East Lansing, Michigan.
Ph.D. 1993 Michigan State University, East Lansing, Michigan.

Academic Experience:

1982-1986 Teaching Assistant & Research Assistant, Michigan State University.
1989-1992 Teaching Assistant & Research Assistant, Michigan State University.
1992-2001 Assistant Professor, Marquette University.
2001- Associate Professor, Marquette University.

Work Experience:

1986-1989 Transportation Engineer, Project Manager, JHK & Associates, Alexandria, Virginia.
1989 Transportation Planner, Maryland National Capital Park and Planning Commission, Silver Spring, Maryland.

PUBLICATIONS:

Doctoral Dissertation:

- 1993 Drakopoulos, A., "*Relations of Driver Understanding of Left-Turn Display and Driver Age With Left-Turn Accidents*," Ph.D. Dissertation, Michigan State University, East Lansing, Michigan.

Articles:

Refereed Journal Publications

- 1986 Lyles, R.W., Lighthizer, D.R., Drakopoulos, A., Woods, S., "*Efficacy of Jurisdiction-Wide Traffic Control Device Upgradings*," **Transportation Research Record** #1068, National Research Council, Transportation Research Board, pp. 34-41.
- 1997 Drakopoulos, A., Lyles, R.W., "*Driver Age as a Factor in Comprehension of Left-Turn Signals*," **Transportation Research Record** #1573, National Research Council, Transportation Research Board, pp. 76-85.
- 1998 Drakopoulos, A., Wenzel, T.H., Shoher, S.F., Schmiedlin, R.B., "*Crash Experience on Tined and Continuously Ground Portland Cement Concrete Pavements*," **Transportation Research Record** #1639, National Research Council, Transportation Research Board, pp. 140-146.
- 2000 Drakopoulos, A., Örnek, E., "*Use of Vehicle-Collected Data to Calculate Existing Roadway Geometry*," **Journal of Transportation Engineering**, ASCE, March/April, Vol. 126, No. 2, pp.154-160.
- 2000 Drakopoulos, A., Lyles, R.W., "*Preferences for Permitted and Protected Left-Turn Signal Displays*," **Journal of Transportation Engineering**, ASCE, May/June, Vol. 126, No. 3, pp. 202-211.
- 2001 Drakopoulos, A., Lyles, R.W., "*Use of Multivariate Multiple Response Analysis of Variance Models to Evaluate Driver Comprehension Errors of Flashing Traffic Signal Operations*," accepted for publication in the **Journal of Safety Research**, National Safety Council, Elsevier, 32 (2001) pp. 85-106.
- 2001 Drakopoulos, A., Shrestha, M. R., Örnek, E., "*Freeway Crash Timeline Characteristics and Uses*," **Transportation Research Record** #1748, **Transportation Research Board**, National Research Council.

Refereed Conference Publications

- 1986 Lyles, R.W., Drakopoulos, A., "*Some Questions on the Accuracy of Safety Effectiveness Evaluations*," published in Proceedings of the **ASCE Highway Safety Conference**, Nashville, Tennessee, March, pp. 172-179.
- 2005 Drakopoulos, A., Örnek, E., Knapp, K., "A *New Tool for System-wide Safety Evaluation of Non-intersection Crashes*," Transport Chicago 2005 Conference Proceedings, Chicago, Illinois, June.
- 2005 Drakopoulos, A., Örnek, E., Knapp, K., "A *GIS-Integrated Floating Highway Segment Tool to Analyze System-Wide Non-Intersection Crash Rates: Focus on Run-off-Road Crashes*," Institute of Transportation Engineers District IV Conference Proceedings, Wisconsin Dells, Wisconsin, June.
- 2005 Drakopoulos, A., Örnek, E., "Addressing *Non-Intersection Crashes Statewide: Identification and Ranking of Highway Segments in Need of Safety Upgrades Using a Floating Highway Segment Tool Integrated with GIS*," Mid-Continent Transportation Research Symposium Proceedings, Ames, Iowa, August.
- 2006 Drakopoulos, A., Örnek, E., Demirbilek, A., "An *Innovative Method to Identify Accident Locations Applied on the State of Wisconsin State Trunk Highway System*," Traffic and Road Safety 3rd International Congress, Ankara, Turkey, May.
- 2006 Drakopoulos, A., Örnek, E., Demirbilek, A., "A *Statewide- to County- to Project-Level Analysis Tool at the Fingertips of the Traffic Safety Engineer*," Mid-Continent Transportation Research Forum, Madison, Wisconsin, August.
- 2007 Drakopoulos, A., Örnek, E., "Effect of *Concrete Pavement Surface Texture on Traffic Safety: Longitudinal or Transverse Tines?*" Mid-Continent Transportation Research Symposium, Ames, Iowa, August.
- 2007 Drakopoulos, A., Örnek, E., "Analysis of *Run-Off-Road Crashes in Relation to Roadway Features and Driver Behavior*," Mid-Continent Transportation Research Symposium, Ames, Iowa, August.
- 2008 Dehman, A., Drakopoulos, A., "New *Insights into Urban Freeway Breakdown Phenomenon*," Mid-Continent Transportation Research Forum 2008, Madison, Wisconsin, August.
- 2008 Drakopoulos, A., Dehman, A., Örnek, E., "Heavy *Vehicle Influence Under the Microscope*," Mid-Continent Transportation Research Forum 2008, Madison, Wisconsin, August.

Technical Reports:

- 1985 Lyles, R. W., Lighthizer, D. R., Drakopoulos, A., "*Efficacy of Jurisdiction-Wide Traffic Control Device Upgradings*," Final Report and Executive Summary (two reports) to Office of Highway Safety Programs, Michigan State Police, Michigan State University, East Lansing, Michigan, July.
- 1988 Curtis, O. P., primary author, Drakopoulos, A., significant contributions to the study, "*Signal Displays for Left Turn Control*," Draft Final Report, JHK & Associates, for the Federal Highway Administration, Contract Number DTFH61-85-C-00164, 6300 Georgetown Pike, McLean, Virginia, 22104, November.
- 1989 Hooper, K.H., primary author, Drakopoulos, A., contributor, "*Travel Characteristics at Large Scale Suburban Activity Centers*," National Research Council, Transportation Research Board, National Cooperative Highway Research Program, Report #323, JHK & Associates, Washington, D.C., October.
- 1991 Drakopoulos, A., Alshahili, K., Taylor, W.C., Khasnabis, S., "*Alternative Fuels for Buses and Other Heavy Vehicles*," Report to Michigan Department of Transportation Urban and Public Transportation Bureau, and the Great Lakes Center for Truck Transportation Research, College of Engineering, Michigan State University, East Lansing, May.
- 1997 Drakopoulos, A., "*The Effects of Grinding of PCC Pavements-Task 4 Accident Analysis*," Final Report, Wisconsin Department of Transportation, Project ID 0092-45-46, February.
- 1999 Abadi, F.V., Drakopoulos, A., Kuemmel, D.A., Wenzel, T.H., "*The Effects of Grinding on PCC Pavements*," Final Report, Wisconsin Department of Transportation, Project WI/SPR-11-99, Study # 92-06, Federal Highway Administration, Washington, D.C., November.
- 2000 Drakopoulos, A., Shrestha, M.R., Örnek, E., "*Evaluation of the Gateway Patrol and the Enhancement Freeway Patrol Motorist Assistance Programs*," Final Report, Wisconsin Department of Transportation, September.
- 2002 "*Evaluation of the Travel Time Prediction System (TIPS)*," Mid-America Transportation Center, Lincoln, Nebraska, June.
- 2002 "*Evaluation of the Mobile/Stationary Speed Boards System*," Mid-America Transportation Center, Lincoln, Nebraska, July.
- 2003 "*Evaluation of the Converging Chevron Pavement Marking Pattern*," AAA Foundation for Traffic Safety, Washington, D.C., July.

Technical Reports (continued):

- 2003 *"An Evaluation of the Converging Chevron Pavement Marking Pattern Installation on Interstate 94 at the Mitchell Interchange S-W Ramp in Milwaukee County, Wisconsin,"* Marquette University, Milwaukee, Wisconsin, November.
- 2003 *"Interstate 43 Speed Warning Sign Evaluation,"* Wisconsin Department of Transportation, Milwaukee, Wisconsin, November.
- 2004 *"Evaluation of Ramp Meter Effectiveness for Wisconsin Freeways, A Milwaukee Case Study: Part 2, Ramp Metering Effect on Traffic Operations and Crashes,"* Wisconsin Department of Transportation, Milwaukee, Wisconsin, January.
- 2004 *"Systematic Evaluation of Run-Off-Road Crash Locations in Wisconsin,"* Wisconsin Department of Transportation, Milwaukee, Wisconsin, December.
- 2007 *"Wet Pavement Crash Study of Longitudinally and Transversely Tined PCC Pavements,"* Wisconsin Department of Transportation, Milwaukee, Wisconsin, June.
- 2009 *"Freeway Work Zone Lane Capacity,"* Smart Work Zone Deployment Initiative, Iowa Department of Transportation and Iowa State University Center for Transportation Research and Education, Ames, Iowa, January.

PARTICIPATION IN PROFESSIONAL MEETINGS AND/OR PAPERS PRESENTED:

Refereed Conference Presentations:

- 1986 Lyles, R.W., Drakopoulos, A., *"Some Questions on the Accuracy of Safety Effectiveness Evaluations,"* presented in the ASCE Highway Safety Conference, Nashville, Tennessee, March.
- 1986 Lyles, R. W., Lighthizer, D. R., Drakopoulos, A., Woods, S., *"Efficacy of Jurisdiction-Wide Traffic Control Device Upgradings,"* presented at the Transportation Research Board Annual Meeting, Washington, D.C., TRB Annual Meeting, Washington, D.C., January.
- 1997 Drakopoulos, A., Lyles, R.W., *"Driver Comprehension of Left-Turn Signals, Differentiated by Age,"* Transportation Research Board, cosponsored by the Committee on Vehicle User Characteristics, the Committee on Traffic Records and Accident Analysis, and the Committee on User Information Systems, TRB Annual Meeting, Washington, D.C., January.

Refereed Conference Presentations (continued):

- 1998 Drakopoulos, A., Wenzel, T.H., Shober, S.F., Schmiedlin, R.B., “*Crash Experience on Tined and Continuously Ground Portland Cement Concrete Pavements,*” Transportation Research Board, Committee on Surface Properties-Vehicle Interaction, TRB Annual Meeting, Washington, D.C., January.
- 1999 Drakopoulos, A., Örnek, E., “*Using Photolog Data Processing to Evaluate Existing Horizontal Roadway Geometry Characteristics,*” Transportation Research Board, Committee on Photogrammetry, Remote Sensing, Surveying and Related Automated Systems, TRB Annual Meeting, Washington, D.C., January.
- 2000 Drakopoulos, A., Örnek, E., Shrestha, M., Sonntag, R., Corbin, J., “*Enforcement Agency Dispatches to Freeway Crash Sites: Characteristics and Uses,*” Poster Session and Pre-Print series paper, TRB Annual Meeting, Washington, D.C., January.
- 2001 Drakopoulos, A. Shrestha, Örnek, E., M., “*Freeway Crashes: Police & Emergency Medical Services Timeline Statistics,*” Presentation to the Committee on Freeway Operations and Pre-Print series paper, Transportation Research Board Annual Meeting, Washington, D.C., January.
- 2005 Drakopoulos, A., Örnek, E., Knapp, K., “*A New Tool for System-wide Safety Evaluation of Non-intersection Crashes,*” Transport Chicago 2005 Conference Proceedings, Chicago, Illinois, June.
- 2005 Drakopoulos, A., Örnek, E., Knapp, K., “*A GIS-Integrated Floating Highway Segment Tool to Analyze System-Wide Non-Intersection Crash Rates: Focus on Run-off-Road Crashes,*” Institute of Transportation Engineers District IV Conference Proceedings, Wisconsin Dells, Wisconsin, June.
- 2005 Drakopoulos, A., Örnek, E., “*Addressing Non-Intersection Crashes Statewide: Identification and Ranking of Highway Segments in Need of Safety Upgrades Using a Floating Highway Segment Tool Integrated with GIS,*” Mid-Continent Transportation Research Symposium Proceedings, Ames, Iowa, August.
- 2006 Drakopoulos, A., Örnek, E., Demirbilek, A., “*An Innovative Method to Identify Accident Locations Applied on the State of Wisconsin State Trunk Highway System,*” Traffic and Road Safety 3rd International Congress, Ankara, Turkey, May.
- 2006 Drakopoulos, A., Örnek, E., Demirbilek, A., “*A Statewide- to County- to Project-level analysis tool at the fingertips of the Traffic Safety Engineer,*” Mid-Continent Transportation Research Forum, Madison, Wisconsin, August.

Refereed Conference Presentations (continued):

- 2006 Drakopoulos, A., “*Commercial Vehicle Safety Devices*,” invited presentation at the 12th Intelligent Transportation Systems Forum, Marquette University, October.
- 2007 Drakopoulos, A., Örnek, E., “*Effect of Concrete Pavement Surface Texture on Traffic Safety: Longitudinal or Transverse Tines?*” Mid-Continent Transportation Research Symposium, Ames, Iowa, August.
- 2007 Drakopoulos, A., Örnek, E., “*Analysis of Run-Off-Road Crashes in Relation to Roadway Features and Driver Behavior*,” Mid-Continent Transportation Research Symposium, Ames, Iowa, August.
- 2008 Dehman, A., Drakopoulos, A., Örnek, E., “*Temporal Capacity Traits at Long-Term Urban Work Zone Bottlenecks*,” Transport Chicago Conference, Illinois, June.
- 2008 Dehman, A., Drakopoulos, A., “*New Insights into Urban Freeway Breakdown Phenomenon*,” Mid-Continent Transportation Research Forum 2008, Madison, Wisconsin, August.
- 2008 Drakopoulos, A., Dehman, A., Örnek, E., “*Heavy Vehicle Influence Under the Microscope*,” Mid-Continent Transportation Research Forum 2008, Madison, Wisconsin, August.

Participation in Conferences, Technical Meetings, Workshops:

- 1993- Participated in the Annual Transportation Research Board Meeting Washington, D.C., January.
- 1995 Attended a four-day seminar on the 1995 Update of the Highway Capacity Manual, taught at Marquette University Continuing Education Center, April.
- 1995 Participated in the Intelligent Transportation Systems Forum “*Public and Private Opportunities for Mobility*,” organized by Intelligent Transportation Systems-Midwest at Marquette University Alumni Memorial Union, Milwaukee, Wisconsin, October.
- 1996 Participated in the midyear meeting of the National Research Council, Transportation Research Board, National Research Council, Committee on the Safe Mobility of Older Persons, Washington, D.C., September.

Participation in Conferences, Technical Meetings, Workshops:

- 1997 Attended workshop titled “*Timing Traffic Signals Using Teapac, Passer, Transyt, and Netsim/Corsim,*” offered by the University of Wisconsin-Madison College of Engineering, Department of Professional Development, Madison, Wisconsin, October.
- 2000 Participated in the Pedestrian and Bicyclist University Forum, sponsored by the Federal Highway Administration, Washington, D.C., April.
- 2000 Participated in the Wisconsin Emergency Services Communication Conference, sponsored by the Wisconsin Department of Transportation, the Wisconsin Intelligent Transportation Systems Alliance, the Wisconsin Chapters of the National Emergency Number Association, and the Association of Public-Safety Communications Officials, May.
- 2001 Participated in the National Workshop on Intersection Safety, in Milwaukee, WI, November 14-16. This invitation-only workshop was charged with developing a National Agenda on Intersection Safety.
- 2002 Participated in the Microsimulation Applications Workshop, March 18; the Paramics Microsimulation Workshop, March 19-20; and, the Advanced Paramics Microsimulation Workshop, March 21-22.
- 2007 Attended the “*Scientific Teaching and Interactive Learning*” workshop sponsored by the Department of Biological Sciences and the Center for Teaching and Learning, Marquette University, May.

TEACHING:

Regular Courses:

ENME 010 (U)	Statics
CEEN 170 (U)	Introduction to Transportation
CEEN 188 (U)	Topics in Civil Eng.: Airport Planning and Design
CEEN 172 (U)	Highway Planning and Design
CEEN 176 (U)	Traffic Characteristics and Design
CEEN 271 (G)	Advanced Traffic Characteristics and Design
CEEN 273 (G)	Airport Planning and Design
CEEN 278 (G)	Advanced Highway Planning and Design

Independent Study Courses:

CEEN 295 (G):	Highway Safety
CEEN 295 (G):	Freeway Emergency Response Characteristics
CEEN 295 (G):	Single Point Interchanges Compared with Other Interchange Types
CEEN 295 (G):	GPS Data Processing Algorithms
CEEN 295 (G):	Ramp Metering Evaluation Methodology
CEEN 295 (G):	Airport Planning and Design
CEEN 295 (G):	Airport Configuration Fundamentals
CEEN 295 (G):	Urban Transportation
CEEN 295 (G):	Freeway Workzone-Related Shock Wave Behavior
CEEN 295 (G):	Parking Policy and Design
CEEN 295 (G):	Traffic Signal Coordination

(G = Graduate, U = Undergraduate)

Most Recent Teaching Loads and Teaching Evaluations:

Semester	Course	Core Items	Dept Mean	Enrollment
Spring 09	CEEN 170	5.5	4.8	30
	CEEN 170	5.3		32
	CEEN 172	5.4		17
Fall 08	CEEN 173	5.1	5.0	9
	CEEN 176	5.7		15

TEACHING (continued):

M.S. Theses and Essays:

Committee chair

- Arati Kame, “*Accident Analysis of Two-Lane Rural Highways in Wisconsin,*” M.S. Essay, December 1998.
- Mahesh Shrestha, “*Characteristics of Emergency Services Responses to Freeway Traffic Incidents in Milwaukee County, Wisconsin,*” M.S. Thesis, April, 2000.
- Ertan Örnek, “*Effects of Two-Lane Wisconsin Highway Geometry on Crash Experience,*” M.S. Thesis, April, 2000.
- Christopher Devery, “*Highway Plan and Profile Relations to Highway Safety,*” M.S. Thesis, May 2002.
- Georgia Vergou, “*Optimal Use of Global Positioning Systems- and Inertial-Information in Analyzing Highway Geometry Characteristics,*” M.S. Thesis, May 2003.
- Theresa Kubista-Reger, “*Interchange Alternatives for County Trunk Highway J, and State Trunk Highways 164 and 190,*” M.S. Thesis, 2004.
- Amjad Dehman, “*Freeway Work Zone Traffic Management and Roadway Design,*” M.S. Thesis, 2007.
- Umama Ahmed, expected 2010.

Committee member

- Christopher A. Sauvé (M.S. Essay, 1993)
- Ahmed Ghaly (M.S. Thesis, 1993)
- Huizhong An (M.S. Thesis, 1994)
- Mary Jo Lange (M.S. Essay, 1994)
- John Hagen (M.S. Thesis, 1998)
- Joe Tse (M.S. Thesis, 1999)
- Brian Scharles (M.S. Thesis, 2000)
- Richard Paur (M.S. 2005)
- Jodi Marsh (M.S. 2009)

Advisor

- David Jolicoeur (started 2001)
- Christopher Hiebert (started 2001)
- Erika Witzke (started 2002)
- Sia Prosper (started 2003)
- Jim Mayer (started 2003)
- Mery Patrabansh (2003)
- Sharad Uprety (2004)
- Brian Udovich (2005)
- Omer Inegol (2007)
- Mike Witiw (will start 2009)
- Justin Schueler (will start 2009)

TEACHING (continued):

Ph.D. Dissertations:

Committee chair

- Amjad Dehman, “*Urban Freeway Congestion: Implications for Geometrics, Traffic Management, and Intelligent Transportation Systems,*” Ph.D. Dissertation, 2009.

Committee member

- Fred Vazirabadi (2002)

Seminars Offered:

- 1993 Lectured in the "*Traffic Engineering Fundamentals*" workshop, Milwaukee, Wisconsin (58 attendees from seven states) organized jointly by Marquette University Center for Highway & Traffic Engineering and University of Wisconsin-Madison Continuing Education Program, September 30-October 1.
- 1994 Lectured in the "*Traffic Signal Design and Operation*" workshop, in Milwaukee, Wisconsin (65 attendees from 13 states) organized jointly by the Marquette University Center for Highway & Traffic Engineering and the University of Wisconsin-Madison Continuing Education Program, February 2-4.
- 1994 Lectured in the "*Urban Street Design*" workshop, organized jointly by Marquette University Center for Highway & Traffic Engineering and University of Wisconsin-Madison Continuing Education Program, June 27-29.
- 1994 Taught 17 full-day seminars, and had administrative duties on the project "*Development and Delivery of a Program to Train Department of Natural Resources Employee Transportation Coordinators in Southeast Wisconsin.*" Participation: approximately 800 representatives of major local employers, August 17 to November 3.
- 1995 Lectured at the "*Traffic Engineering Fundamentals*" workshop, Milwaukee, Wisconsin organized jointly by the Marquette University Center for Highway & Traffic Engineering and University of Wisconsin-Madison Continuing Education Program, September 18-19.
- 1996 Lectured at the "*Traffic Engineering Fundamentals*" workshop, Madison, Wisconsin, organized jointly by the Marquette University Center for Highway & Traffic Engineering and the University of Wisconsin-Madison Continuing Education Program, October 22-24.

TEACHING (continued):

Participation in Teaching Seminar:

1992 Moderated the "*Role of Design in the Engineering Curriculum*" session ASEE meeting at Marquette University, October.

HONORS

Fellowships:

Marquette University, College of Engineering, "*1998 College of Engineering Research Award*," April, 1998. Competitive award limited to COE Assistant Professors. Details listed under "Grants."

Marquette University, College of Engineering, "*Kozlowski Fellowship*," July, 2000. Competitive award open to all COE faculty members. Details listed under "Grants."

Honorary Society:

Chi Epsilon Honor Society (Civil Engineering), 1992-present.

Professional Registration:

EIT in the State of Virginia (April, 1989, Certificate Number 0402025254T).

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

American Society of Civil Engineering
National Research Council, Transportation Research Board
Institute of Transportation Engineers

COMMITTEES AND UNIVERSITY SERVICE:

University Service:

- University Committee on Faculty 2006 and 2007.
- Academic Senate member 2008 to Spring 2009.

Department Service:

- Assessment Working Seminar participant, 2008.
- Advisor of the student chapter of the Institute of Transportation Engineers (ITE), which won the title “**Best Student Chapter in ITE District IV**” (Wisconsin, North Dakota, South Dakota, Arkansas, Iowa, Illinois, Oklahoma, Kansas, Minnesota, Nebraska, Missouri) in 1995 and 1996. Advisor for the academic years 1994-1996 and 2000 to present.
- Transportation Committee Member, MU Dept. of Civil and Env. Eng., 1992-2003. Chair 2003 to present.
- Director of the Transportation Systems and Highway Engineering Group of the Transportation Research Center of the Department of Civil and Environmental Engineering.
- Curriculum Committee Member, MU Dept. of Civil and Env. Eng., 1992-2003.
- Graduate Studies Committee Member, MU Dept. of Civil and Env. Eng., 1995-1998, 2000-2002, 2004-2009.
- Long Range Planning Committee member 2008.
- Design Committee Member, MU Dept. of Civil and Env. Eng., 1997-2003.
- Participated in MU College of Engineering Open House for High School Sophomores and Juniors 1993-present. Organized Institute of Transportation Engineers exhibits.
- Taught for the 1995 Young Scholars Program--Introduction to Civil and Environmental Eng. to high school students.
- MU Parent Preview Program in 1995, 1998-present.
- Lectures to GEEN 011 Freshman Engineering.
- Presented “*High-Speed Rail*” to the Marquette University student chapter of the Institute of Transportation Engineers March, 1998.
- MU Telephone Recruitment Campaign, 1998-2000.
- Host for “Shadow” high school student recruitment program.

COMMITTEES AND UNIVERSITY SERVICE (continued):

Professional Committee Activities:

- Chair, Transportation and Development Institute (T&DI), American Society of Civil Engineers (ASCE) Geometric Design and Operations Committee, Highway Division, National level, appointed 2006.
- Member of the American Society of Civil Engineers (ASCE) Geometric Design and Operations Committee, Highway Division, National level, 2000-2006.
- Member of the National Research Council (NRC), Transportation Research Board (TRB) Information Services Committee, National level, 1993-1996 and 1998-present.
- Member of the National Research Council (NRC), Transportation Research Board (TRB) Geometry Safety, and Efficiency Standing Technical Subcommittee of the Geometric Design Committee, National level, 1999-present.
- Member of the National Research Council (NRC), Transportation Research Board (TRB) Safe Mobility of Older Persons Committee, National level, 2001-2003.
- Marquette University representative to the Transportation Research Board 1998-present.
- Member of the Technical Committee and the Martin Bruening Award Committee for the Institute of Transportation Engineers, Wisconsin Chapter, 1995-1998.

Reviewer Activities:

- Reviewer, Transportation Research Board, National Research Council, Committee on the Safe Mobility of Older Persons.
- Reviewer, Transportation Research Board, National Research Council, Committee on Traffic Control Devices.
- Reviewer, Journal of Transportation Engineering, American Society of Civil Engineers.
- Reviewer for the Organisation for Economic Co-operation and Development
- Reviewer for the Iowa Department of Transportation-MidWest Smart Work Zone Deployment Initiative, FHWA pooled fund study.
- Reviewer for the Midwest Regional University Transportation Center.

Editorial Activities:

Advisory Board Member for the Journal of Safety Research Special Issue “*Senior Transportation Safety and Mobility*,” Volume 34, No 4, 2003.

GRANTS :

- 1994 “*A Proposal for Development and Delivery of a Program to Train Employee Transportation Coordinators in Southeast Wisconsin.*” Sponsor Strategic Transportation Initiatives, Inc. (\$27,336 PI D.A.Kuemmel, \$3,000, A.Drakopoulos)
- 1994 “*Impacts Related to Pavement Surface Texture,*” Wisconsin Department of Transportation. (\$172,000, PI D.A.Kuemmel, \$7,729, A. Drakopoulos)
- 1994 “*The Effects of Grinding on PCC Pavements,*” Wisconsin Department of Transportation (\$141,000, PI T.H.Wenzel, \$10,965, A. Drakopoulos).
- 1995 “*Development and Delivery of a Program to Train Department of Natural Resources Employee Transportation Coordinators in Southeast Wisconsin.*” Sponsor Strategic Transportation Initiatives, Inc. (\$4,620, PI D.A.Kuemmel, \$507, A. Drakopoulos).
- 1996 “*Cost Effective Concrete Pavement Cross-Section,*” Wisconsin Department of Transportation (\$13,875, PI J.A.Crovetti, \$750, A. Drakopoulos).
- 1998 “*Vehicular Crash Patterns Relations with Roadway Geometry Characteristics,*” College of Engineering Research Award (\$11,676, PI A.Drakopoulos).
- 1999 “*Evaluation of the Traffic Incident Management Enhancement (TIME) Program,*” Wisconsin Department of Transportation (\$90,300, PI R.C.Sonntag, \$5,778, A. Drakopoulos).
- 2000 “*Wet Pavement Crash Study of Longitudinally and Transversely Tined PCC Pavements,*” Wisconsin Department of Transportation (\$74,982, PI A.Drakopoulos, \$5,482, D.A. Kuemmel).
- 2000 “*Freeway Operations Program Support, District 2-Freeway Corridors,*” Wisconsin Department of Transportation (\$149,808, co-PI R.C.Sonntag, \$23,500, A.Drakopoulos).
- 2000 “*Benefit/cost Analysis of Ramp Metering for MONITOR (Milwaukee area freeway system),*” funded by the Wisconsin Alliance on Evaluation and Technology Development of Intelligent Transportation Systems (\$42,712, PI A.Drakopoulos).
- 2000 “*Crash Experience Relations with Three-dimensional Roadway Geometry Elements,*” Kozlowski Fellowship, College of Engineering, Marquette University (\$11,000, PI A.Drakopoulos).

GRANTS (continued) :

- 2001 “*Evaluation of Smart Work Zone Traffic Control Devices in Wisconsin,*” Wisconsin Department of Transportation (\$40,712, PI A.Drakopoulos).
- 2001 “*Evaluation of the Converging Chevron Pavement Marking Pattern,*” AAA Foundation for Traffic Safety (\$18,134, PI A.Drakopoulos).
- 2002 “*Mobility Monitoring Project,*” Federal Highway Administration, through collaboration with the Texas Transportation Institute and the Wisconsin Department of Transportation (\$3,000, PI A.Drakopoulos).
- 2003 “*Evaluation of Speed Incident Prevention-Speed Warning and Enforcement Device,*” Wisconsin Department of Transportation (\$32,000, PI A.Drakopoulos).
- 2003 “*Systematic Evaluation of Intersection and Run-off-the Road Crash Locations,*” Wisconsin Department of Transportation (\$86,000, PI A.Drakopoulos).
- 2006 “*Freeway Work Zone Lane Capacity,*” Iowa Department of Transportation (\$35,868, PI A.Drakopoulos).

PROFESSIONAL ACTIVITIES

- 1999-2008 Participated in numerous meetings with transportation organizations and other Universities:
- Intelligent Transportation Systems-Midwest.
 - Wisconsin Intelligent Transportation Systems Alliance.
 - Wisconsin Department of Transportation.
 - Connecticut Department of Transportation.
 - Traffic Incident Management Enhancement (TIME) program meetings.
 - Collaborated with four University of Wisconsin peers (professors) from the Madison and Milwaukee campuses.
- 1993-2009 Advised the Marquette University student chapter of the Institute of Transportation Engineers (ITE). Organized field trips, dinners/breakfasts with professionals, nominated students for scholarships, maintained web pages regarding student chapter activities and alumni contacts (see links through <http://www.eng.mu.edu/drakopoa>).

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