

DONN N. PETERSON, P.E.
 Consulting Mechanical Engineer in Forensic Practice
 PETERSON ENGINEERING, INCORPORATED
 P.O. Box 664
 Brainerd, Minnesota 56401-0664

FORMAL EDUCATION

HIGH SCHOOL:	Northwood, North Dakota	Diploma	1959
COLLEGE:	University of North Dakota	B.S.M.E.	1963
	University of Minnesota	M.S.M.E.	1972
		Ph.D. Candidacy	1974
OTHER:	General Electric Company	C-Course Certificate	1966

PROFESSIONAL

MEMBERSHIPS:	National Society of Professional Engineers	NSPE
	Minnesota Society of Professional Engineers	MSPE
	National Academy of Forensic Engineers	NAFE
	American Society of Mechanical Engineers	ASME
	Society of Automotive Engineers	SAE
	American Academy of Forensic Scientists	AAFS
	American Society for Testing and Materials	ASTM
	International Institute of Forensic Engineering Sciences	IIFES
	Rotary Club of Brooklyn Park	

OFFICES:	ASME - MN Section - <i>Treas., Secretary, Vice Chair</i>	1976-1979
	- <i>Chairman, Director</i>	1979-1982
	- National - <i>Agenda, Nominating Comm.</i>	1981-1987
	MSPE - T L Chapter - <i>Vice President</i>	1982-1983
	- <i>President</i>	1983-1984
	PEPP – Minnesota - <i>Sec/Treas, Vice-President</i>	1985-1987
	- <i>President</i>	1987-1988
	AAFS - Engrg. Sect. - <i>Secretary</i>	1988-1989
	- <i>Chairman</i>	1989-1990
	ASTM – E30.05 S.C. - <i>Chairman</i>	1989-1995
	NAFE - <i>Vice President</i>	1996
	- <i>Senior Vice President</i>	1997-1998
	Rotary Club of B.P. - <i>President</i>	1995-1996
	IIFES - <i>President</i>	2004-

AWARDS:	ASME - Young Engineer of the Year	1976
	NAFE – Fellow	1986
	AAFS – Fellow	1987
	AAFS – Founder’s Award	1991
	Marquis – Who’s Who in Science & Engineering	1994 -2006
	Rotary Club of B.P. – Rotarian of the Year	1992, 2005

REGISTRATION:	Registered Professional Engineer	
	<i>Minnesota Registration Number:</i>	10107
	<i>Wisconsin Registration Number:</i>	30136
	<i>Ohio Registration Number:</i>	E-033740

CERTIFICATION:	Certified Diplomate	
	Forensic Engineering Sciences by IIFES	2121
	Forensic Engineering by NAFE for CESB	F-239

TEACHING EXPERIENCE

G.E. EDUCATION PROGRAM:	P.E. Exam Review, Math Modeling	1968,1969
U of MN M.E. DEPARTMENT:	Machine Design, Systems Analyses	1971-1973
	Senior laboratories	1972-1973
U of MN EXT. DIVISION:	P.E. Exam Review Lectures	1972-1973
	Forensic Engineering Lectures	1999-2001,2004
MN REG. BOARD SEMINAR:	Professional Responsibility	1980
MTLA – CLE SEMINARS:	Mock Trial Expert Witness	1982
	Automotive Accident Case Speaker	1985
	Demonstrative Evidence – 3D Animations	1994
AM. SOC. of SAFETY ENGRS:	C.S.P. Exam Review Lecture	1985
MIDWEST ENGR CONF & EXPO	Forensic Consulting Seminars	1990,1991
NAFE SPECIAL SEMINAR	Demonstrative Evidence by Computers	1998
AAFS SPECIAL SEMINAR	Engineering Testimony and Lay Witnesses	2005

INDUSTRIAL EXPERIENCE

GENERAL ELECTRIC COMPANY	– Aircraft Engine Group	1963-1970
DUTIES:	mathematical modeling and dynamic analyses of jet engine and control systems, design of control schedules, specifications and analyses of test programs, and trouble shooting.	

CONSULTING EXPERIENCE

DONN N. PETERSON & ASSOCIATES	Sole Proprietorship	1971-1974
DONN N. PETERSON & ASSOCIATES, INC.	Small Business Corp.	1974-1985
PETERSON ENGINEERING, INC.	Small Business Corp.	1985-Pres.

PURSUIITS:	Failure Analyses and Product Evaluations
	Crash Analyses and Accident Reconstructions
	Mathematical Modeling and Computer Simulations
	Slip/Trip/Miss and Fall Examinations
	Fire and Explosion Investigations
	Expert Witness Testimonies
CLIENTS:	Attorneys – Plaintiff, Defense, and Subrogation
	Insurance Companies and Adjusting Firms
	Consulting and Industrial Firms
	Service and Repair Shops
	Consumers

MAJOR ADDRESSES:

ASME - Minnesota Section	“Product Liability”	1979,1980
PEC – Minnesota	“Forensic Engineering”	1984,1994
ST. PAUL ENGRS CLUB	“Forensic Engineering”	1984
SOC. of WOMEN ENGRS	“Forensic Engineering”	1987
MSPE – Twin Lakes Chapter	“Forensic Engineering”	1989
INNS of the COURT	“Demonstrative Evidence”	1994,1995
ROTARY CLUBS	“Forensic Engineering”	1993-1995,1998,2004
NAFE and MSPE	“3-D Computer Animations”	1995,1998
NAFE and IOWA PROJ	“3-D Math Model for Whiplash”	1996
NAFE	“3-D Math Model for Vehicle Simulation”	1997
AAFS – Last Word Society	“Dymaxion (3-Wheel Auto) Dynamics”	1998

PUBLICATIONS:

“3-D Animations for Litigation of Highway Accidents”	NAFE Journal	JUN 1995
“Mathematical 3-D Model for Whiplash Simulations”	NAFE Journal	DEC 1996
“3-D Math Model for Vehicle Dynamics Simulation Including Effects of Tires, Suspensions, and Terrain”	NAFE Journal	DEC 1998

January 31, 2006