

MERKEL F. WEISS

Scientific Consultant
Stephen Blewett & Associates
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PROFESSIONAL QUALIFICATIONS

EDUCATION

- 1965 to 1975 - The Pennsylvania State University
 - 1969 - **Associate of Engineering** in Mechanical Engineering Technology
 - 1971 - **Bachelor of Science** in Mechanical Engineering
 - 1975 - **Master of Engineering** in Mechanical Engineering
- 1975 to 1978 - Stanford University, Palo Alto, California
 - 1979 - Post-Graduate **Degree of Engineer** in Mechanical Engineering

PROFESSIONAL BACKGROUND

May 1988 to present - Stephen Blewett & Associates

Scientific Consultant: Vehicle analysis, accident reconstruction, slip and fall accident analysis.

1982 to 2005 - Art Center College of Design, Pasadena, California

Instructor: Automotive Engineering, History of Automobile Design, Anatomy of a Collector Car

1986 to 1988 - McCulloch Corporation, Los Angeles, California

Chief Development Engineer: Test laboratory/development staff supervisor responsible for functionality and safety of all new engine powered products. OEM engineering liaison.

1983 to 1986 - Baxter Pharmaseal, Valencia, California

Principal Engineer: Lead engineer in new products group investigating a wide range of hospital equipment, such as medical procedure trays and instruments, specialized catheters, bedside diagnostics, and instrument sterilization equipment.

1983 - Garrett AiResearch Manufacturing Corporation, Torrance California

Senior Engineer, Reliability and Systems Safety Department: Conducted systems safety failure analyses and reliability assessments of aerospace equipment and transportation hardware.

1982 to 1983 - McCulloch Corporation, Los Angeles, California

Development Engineer: Worked with new-product chain saw and power garden equipment design, development, market qualification, durability and safety items.

1980 to 1981 - Jet Propulsion Laboratory, Pasadena, California

Senior Engineer: Researched and analyzed advanced automotive propulsion systems. Conducted research into the fluid mechanics of diesel fuel injection.

1978 to 1980 - Chrysler Corporation, Highland Park, Michigan

R&D Fueling Systems Engineer: Developed electromechanical feedback carburetors and other advanced fueling systems; developed emissions, economy, performance, safety and durability of advanced fueling systems and engine packages.

PROFESSIONAL SOCIETIES

American Society of Mechanical Engineers (ASME)
National Association of Professional Accident Reconstruction Specialists (NAPARS)
Society of Automotive Engineers (SAE)
Society of Plastics Engineers (SPE)
Southwest Association of Technical Accident Investigators (SATAI)