

JOSEPH T. ELLIOTT  
Curriculum Vitae

**GENERAL EDUCATION:**

1992 MS Engineering, Electro-optics  
University of Southern California, Los Angeles, CA

1989 MS Physics, Nuclear Physics  
Oregon State University, Corvallis, OR

1986 BS Electrical Engineering  
University of Maryland, College Park, MD  
Honors Project - Built a microwave waveguide component testing apparatus.



**MOTORCYCLING EXPERIENCE, EDUCATION, AND AWARDS:**

20 years of extensive experience owning, operating, and studying motorcycles, and practicing motorcycling.  
1975: First drove a motorcycle.

December 1992 Graduate Motorcycle Safety Course, Los Angeles, CA.

April 1994 Graduate Experienced Rider Course, Los Angeles, CA.

The instructors of the Experienced Rider Course recruited me for the instructor corps.

November 1996 Graduate of “CLASS” track school at Willow Springs Racetrack, Willow Springs, CA.

Raced high performance motorcycles at Brotherhood Raceway, Long Beach, CA.

Maintained fleets of training motorcycles for training schools.

1998 The Instructor of the Year for the State of California

Awarded by the California Motorcyclist Safety Program

**TEACHING AND MOTORCYCLE RIDER EDUCATION EXPERIENCE:**

August 1986 – Dec 1990:

Oregon State University: Taught physics labs regularly. Guest classroom lecturer when needed. This is where I developed my strong interest in teaching and for facilitating guided discovery in others.

September 1994- Present (18 years experience):

1994 Graduate of California Motorcyclist Safety Program’s Instructor Preparation Course.

I have continuously taught experienced riders and new riders motorcycle control and risk management techniques. I have also extensively trained new and experienced motorcycle instructors. Site Coordinating instructor at the Fullerton Community College. Special contract with the CMSP to train Site Coordinating Instructors for other sites.

April 1998 -Present (13 years experience): Owner and administrator of San Diego Motorcycle Training.

This motorcycle school teaches beginner and intermediate riders operation and control, and risk management techniques for motorcycling. Expert witness employment which provided additional frontline information to use in the development of motorcycle curricula and safety training.

November 2009 - Present: Executive Director, National Motorcycle Training Institute (NMCTI). NMCTI is a nonprofit/public benefit organization that provides “open source” motorcycle safety curricula and

research for the motorcycling community nationwide. Our mission is to reduce the fatality rate for motorcyclists. We use specific goals and measurements.

**EXPERT IN MEASUREMENTS, CALCULATIONS, PHYSICS, AND SCIENTIFIC METHOD :**

University of Southern California, Los Angeles, CA

Two years of funded research, including scholarship plus stipend awards. Research in areas of quantum well lasers, photonics, and electro-optics. Precise measurements of properties of new photonic materials.

Oregon State University, Corvallis, OR

Four years of funded research and teaching undergraduates. Research in areas of nuclear physics, and in particular, low temperature experiments conducted at Oak Ridge National Laboratory.

Curriculum Developer for Motorcycle Training Programs:

Precise measurements of speed, distances and time of motorcycle maneuvers in the development of training exercises. Careful measurements and analysis applied to reducing training mishaps.

Expert Witness:

Simulations of crash scenarios performed and analyses done of crash data for use in legal testimony.