

Ronald Winkelman

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## Curriculum-Vitae

**STATE UNIVERSITY OF NEW YORK *BUFFALO STATE COLLEGE*** *May 1999*  
4yr Bachelor's degree: Industrial Engineering Technology

**STATE UNIVERSITY OF NEW YORK AT ALFRED** *May 1987*  
2yr A.A.S. degree: Electromechanical Engineering Technology

### Work History:

March 2022 to present – Tennent Winkelman and Associates, Tire analysis specialist.

2010 to 2022 (June 2015 Goodyear and SRI alliance ended)  
Sumitomo Rubber USA - Design Engineer, Motorcycle Tire

- Lead Engineer for product optimization and continuous improvements.
- Lead Engineer for new and existing tire designs.
- Evaluate customer returns to assess and deposition all tire related issues (mileage, wear and failures).
- Evaluate factory held tires.
- Perform analysis of competitor mc tires.

2005 to 2010

Goodyear Dunlop Tire Co. - OEM Account Manager, ATV and Motorcycle tires

- Attended meetings with OEM's (Honda, Suzuki, Polaris, Arctic Cat,).
- Update sales and marketing teams at Sumitomo Rubber Industries in Japan.
- Set forecast and inventory requirements.
- Set tire pricing for business.
- Support customers by attending ATV Rallies, Shows, OEM meetings.
- Conducted MC tire seminars at shows & rallies (IMS, Honda Wing Ding and Homecoming).

2003 to 2005

Goodyear Dunlop Tire Co. - Design Engineer, Motorcycle Tire

- Designed new and improve existing MC tires.
- Coordinated with process, field service, and QA.
- Evaluated data from tire analysis and testing.
- Co-ordinate and arrange tire testing.
- Attend rallies, shows and OEM meetings providing tire technical expertise.
- Development Engineer Motorcycle tires, Sumitomo Rubber USA

1998 to 2003 (1999 Start of Goodyear and SRI alliance forming Goodyear/Dunlop Tire Co.)

Goodyear Dunlop Tire Co. - Development Engineer, All Terrain Vehicle (ATV) tires

- Development of new tire tread designs.
- Work with Sumitomo Rubber Ind., Goodyear Technical Center and OEM's.
- Customer visits to Honda, Suzuki, Polaris and Arctic Cat to manage tire designs for OEMs.
- Develop test plans and conduct vehicle tire testing.
- Coordinate design layout on new ATV tire test track.
- Work with ATV dealerships and attend ATV rallies providing tire technical expertise.

1997 to 1998

Dunlop Tire Co. - Development Engineer, Motorcycle tires

- Motorcycle rally tire checks.
- Motorcycle tire vehicle testing.
- Tire development and analysis.

1995 to 1997

Dunlop Tire Co. - Analytical Development Engineer, Commercial and Light truck tires.

- Design and development of new and existing tires.
- Work with field service, QA and factory.
- Vehicle fleet tire inspections.
- Retrieve tire data from test lab, fleets and vehicle testing.

1988 to 1995

Dunlop Tire Co. – raw materials Shift Supervisor

- Supervise rubber mixing process, conduct rubber mixing trials, disposition off-spec rubber, and trouble shoot and improve rubber mixing process.
- Quality control testing on rubber compounds

### **Specialized Training:**

Mixing Technician Raw Material and Rubber analysis, Dunlop Tire Co.,

Mixing Technician Shift Supervisor, Dunlop Tire Co.,

Development Engineer Commercial Truck tire development and testing, Dunlop Tire Co.

Commercial Truck fleet tire inspections, Dunlop Tire Co.

Development Engineer Light Truck tires, Dunlop Tire Co.

Development Engineer Motorcycle tires, Dunlop Tire Co.

Development Engineer All-Terrain Vehicle (ATV) tires, Goodyear Dunlop Tire Co.

OEM Account Manager, ATV and MC tires, Goodyear Dunlop Tire Co.

**Tire Forensic Teaching Experience:**

Texas Highway Patrol, State Crash Reconstruction Team Tire Forensic Training

REV Tire Truck Training Conference – Lansing, MI Tire Forensic Training

WREX (World Reconstruction Exposition) Tire Training Instructor during WREX

Wrote internal SRUSA tutorial on how to evaluate and deposition Consumer Bulge and Dent tire defects

Baltimore Highway Patrol Accident Reconstructionist Training

Tennessee Highway Patrol Annual Accident Reconstructionist Symposium

California Highway Patrol Accident Reconstructionist Training

SWEVT Southwest Emergency Vehicle Technician Conference

Spartan Chassis Annual Symposium of Emergency Vehicle Technician Training

National Association of Professional Accident Reconstruction Specialists-NPARS Advanced Tire Forensics Training

OAEVT - Ohio Association of Emergency Vehicle Training

Pennsylvania State Patrol Advanced Tire Training

Numerous on-site tire analyst for case work on MC, LT, Passenger and Commercial

Motorcycle rally tire seminars

**Tire Testing:**

Light Truck tire snow testing

Motorcycle and ATV Handling, Track Testing, Static and Dynamic indoor lab testing

Motorcycle Race Tire Testing

Passenger and Light Truck tire failure analysis

Quality Assurance inspections on several thousand Passenger and Light Truck consumer and factory tires

Motorcycle tire failure analysis

Quality Assurance on several thousand Motorcycle consumer and factory tires.

**Additional Training:**

Tire Development training at Sumitomo Rubber Industries global technical headquarters Kobe, Japan

Tire Tube manufacturing and inspection training Kobe, Japan

Off The Road tire testing Goodyear Proving Grounds San Angelo, Texas

Basic Tire Construction, Dunlop Tire Co.

Structural Analysis of Tires, Dunlop Tire Co.

Product Analyst and Field Performance Monitoring, Goodyear Dunlop Tires

Basic Compounding, Dunlop Tire Co.

A.C.S. American Chemical Society, Rubber Technology, University Akron Ohio

Tire Analyst of Commercial, Motorcycle, ATV, Light Truck & Passenger tires

Motorcycle rallies to examine wear and educate customers on tire maintenance and safety

Commercial Truck tire builder

Motorcycle and ATV tire builder

Hand cutting experimental tread patterns.

Quality Control Inspection and Tire Repair on Motorcycle, ATV, Passenger and Light Truck production tires.

ATV, Motorcycle, Passenger, Light Truck tire testing pavement and off-road.

**Volunteer Work:**

East Eden Volunteer Fire Co. – held ranks of Assistant Chief and Lieutenant

Downhill snow ski instructor for individuals with disabilities