

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 & Associates

- Tire Forensic Expert and Instructor.

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 improved existing MC tires.
- Coordinated with process, field service, and QA.
- Evaluated data from tire analysis and testing.
- Co-ordinate and arrange tire testing.
- Attending rallies, shows and OEM meetings providing tire technical expertise.

1998 to 2003 (1999 Goodyear/Dunlop Tire Co.)

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

- Development of new tire tread designs.
- Managed Development Work with Sumitomo Rubber Ind., Goodyear Technical Center and OEM's.
- OEM customers Honda, Suzuki, Kawasaki, Polaris and Arctic Cat to manage new tire designs.
- Develop Indoor and Vehicle test requirements for tires supplied to OEMs.
- Coordinated Off-Road Track design required for all new ATV tire testing.
- Provide tire technical training to ATV dealerships and rallies.

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 used in tire production.

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:

ALERT International, Spokane, Washington

Seattle Washington Fire Chiefs, Mechanics EVT.

COEVTA (Colorado Emergency Vehicle Technicians Association)

Austin, Texas Travis County East and West Service Centers

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 Street and Off-Road Handling, High Speed, Indoor Static and Dynamic Wheel testing

ATV and Utility Tire Testing in Asia and North America on Pavement, Hardpack Dirt, Sand, Rocky, Mud, Wet, Desert, Indoor Static and Indoor Dynamic Wheel testing

Passenger and Light Truck tire failure analysis

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

Motorcycle, ATV, Light Truck, Passenger and Commercial 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 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