

Education

- › Bachelor of Science - Degree, Pure Mathematics, University of Wisconsin, Madison, WI, May 2001.
 - › Masters of Science Candidate, Pure Mathematics, Colorado State University, Ft. Collins, CO, May 2003.
 - › Masters of Science - Degrees in both Pure Mathematics and Applied Mathematics, University of Nevada, Reno, NV, December 2011.
 - › PhD Candidate, Atmospheric Physics, University of Nevada, Reno, NV, December 2012. 4.0 Cumulative GPA.
 - › Certified Instructor - Hot Pilates and Lifted, High Intensity Interval Training , Reno, NV, June 2018
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Professional Work Experience

March 2018 – Present **Founder/Owner/Operator, Woody Calculus Consulting & Associates**

333 Marsh Ave. Reno, NV 89509

Phone: [530.414.1861](tel:530.414.1861)

Woody Calculus Consulting & Associates specializes in mathematics education at the post-secondary level and offers a broad range of math, science, and education related consulting services. These services include private mathematics instruction, energy and water conservation measures, multi-variable data analysis, renewable energy and biofuels for both public and private use, and quality control for the gaming industry.

January 2007 – March 2018 **Lecturer of Mathematics**

Department of Mathematics, University of Nevada, Reno

Davidson Mathematics and Science Building, Reno, NV 89557-0084

Phone: [775.784.6773](tel:775.784.6773)

Lectured Algebra, Extended Pre-Calculus, Calculus I, Calculus II, and Applied Business Calculus. Duties include course design and implementation, exam writing/conception and grading, holding regularly scheduled office hours, managing recitation sections and Teaching Assistance, Graders, and PASS Leaders. Student and colleague evaluations consistently report an exceptional level of performance. Currently holds the highest rated position for five consecutive

years at the University of Nevada – Reno Top Professors list on the web forum RateMyProfessors.com. Internal UNR student evaluations are available upon request.

December 2008 – May 2010 **Energy Consultant**

Robert Mowris & Associates (RMA) and VERIFIED, Inc.

P.O. Box 8399 Truckee, CA 96162

Phone: [530.583.3511](tel:530.583.3511)

RMA – Field data collection Project Manager for Evaluation Measurement and Verification for Tahoe Truckee Public Utility District and report co-author. Project Manager for the California Energy Commission’s Public Interest Energy Research low-flow shower head study. Duties included original laboratory design using innovative Wi-Fi measurement technologies for showerheads and pressure regulators, independently set-up and conducted testing. Reviewed and co-authored various conference papers on energy efficiency, and more.

VERIFIED, Inc. – Conducted field data verification and on-site inspections of refrigerant charge, airflow quality, and duct testing seal projects performed by California HVAC contractors using proprietary company software. Executed third party verification for various California Energy Commission projects. Certified EPA Section 608 HVACR Universal Technician.

December 2005 – December 2007 **Co-Founder/Owner/Operator, Truckee Biofuels, LLC**

P.O. Box 9857, Truckee, CA 96162

Phone: [530.414.1861](tel:530.414.1861)

Truckee Biofuels, LLC specialized in ASTM Biodiesel retail and distribution for Bently Biofuels, Green Tags/Renewable Energy Credits/RECs solicitation through NativeEnergy, design, installation and sale of custom personal and commercial-scale biodiesel refueling systems. Marketed re-refined motor oil and renewable biodegradable lubricants. Held workshops, seminars and community outreach events, provided private consulting and managed all aspects of business.

January 2004 – May 2006 **Mathematics Instructor and College Prep Curriculum Director**

Squaw Valley Academy / Olympic Valley Schools

235 Squaw Valley Road, Olympic Valley, CA 96146

Phone: [530.583.9393](tel:530.583.9393)

Designed, developed and successfully implemented Squaw Valley Academy’s first Advanced Placement Calculus program in the school’s thirty-year history, as well as completed college

preparatory mathematics curriculum in accordance with the framework mandated by the State of California. Primary instructor for Algebra II, Pre-Calculus, AP Calculus, and several electives including “Biodiesel & Sustainable Living,” and “Wind Power and Energy.” Outdoor education leader, dorm parent and student recreation supervisor.

June 2003 – June 2004 **Founder/Owner/Operator, Blue Earth Consulting, LLC**

2070 Cobblestone CT, Beloit, WI 53511

Phone: [530.414.1861](tel:530.414.1861)

Designed economic stimulus programs for American Indian Reservations in Wisconsin, Minnesota, and Washington with a focus on wind energy development. Executed contracts for meteorological data interpretation and performed independent verification from prospective wind farm sites.

August 2001 – May 2003 **Mathematics Instructor – Lecturer**

Department of Mathematics, Colorado State University

101 Weber Building, Fort Collins, CO 80523-1874

Phone: [970.491.1303](tel:970.491.1303)

Lectured Calculus I and Calculus II, Trigonometry and Algebra. Earned a Teaching Recognition Certificate from the Department of Mathematics. Student evaluations reported exceptional performance at all levels of instruction.

September 1993 – September 1998 **Scout-Sniper, United States Army**

Sniper Team Leader, Weapons Expert, Reconnaissance/Long Range Surveillance Specialist. Diploma: Advanced Specialized Infantry Training, Ft. Benning, Georgia. Diploma: Special Operations, Long Range Surveillance, and Long Range Target Acquisition - Tenth Special Forces Group, Panzer Kasern, Germany. . Diploma: Sniper Field Craft Courses I and II - Tenth Special Forces Group, Panzer Kasern, Germany. Diploma: Department of the Army Sniper School, Vilseck, Germany. Organized and conducted reconnaissance and long range surveillance patrols, overt and covert operations, tactical data collection and interpretation. Operated and maintained securely encrypted multi-band communications hardware. Primary instructor and course curriculum developer for NATO’s Scout-Sniper Tactics and Unconventional Warfare Special Operations School. Received multiple awards and commendations including; The Army Achievement Medal, Army Commendation Medal, National Defense Service Ribbon, and several Physical Fitness Excellence Awards for maximum performance.

Professional and personal references are available upon request.