**Snow Sports Expert and Consulting**

**Randy Wall, PE, MPA**

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# CURRICULUM VITAE
# Snow Sports Expert Witness

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Randy Wall is a snow sports expert about skiing, sledding, snow tubing, and winter sporting activities. He addresses snow sports risk, liability, and ski area operations. He is also a Civil Engineer licensed in 16 states. His experience is garnered over a 40-year career in the snow sports industry.

Mr. Wall serves as an expert witness in cases involving snow sports, sporting facilities including runs, resorts, safety practices, and industry best practices. When infrastructure and regulations are involved, he applies engineering expertise to land development, municipal, regulatory, engineering, and infrastructure questions around snow sports. When accidents or collisions are involved, Mr. Wall combines his knowledge, skills, education, training, and experience in snow sports *and* engineering to reconstruct accidents to support his expert opinions.

In 2011, Mr. Wall was awarded a Master's Degree in Public Administration reflecting research and peer-reviewed writing about Public Administration with application to municipal and other regulated public entities.

## Professional Background

Mr. Wall's experience is broad and deep. In addition to his engineering background, he has become a leader and educator since he obtained his first certification as a ski instructor in 1982 by the Professional Ski Instructors of America (PSIA).

He holds 5 levels of certification and 2 levels of accreditation and has served in leadership positions within PSIA as a Region Director, Discipline Chairperson, Education Team Member, Trainer, and Examiner for multiple PSIA regions, and is a Certified L100 Race Coach and Official by the United States Ski and Snowboard Association (USSA).

Mr. Wall's forensic analysis pairs with communication skills to provide expert reports and testimony that articulate fact-based narratives in plain, easy-to-understand language that assist juries to make considered decisions.

# KNOWLEDGE, SKILLS, EDUCATION, TRAINING, AND PROFESSIONAL EXPERIENCE

**Snow Sports Expert and Consulting,** *Boise, ID* **Since 2024**

### Expert Witness and Forensic Analyst

Forensic analysis and expert witness services for plaintiff and defense attorneys in litigation surrounding the snow sports industry and activities. Unbiased, fact-based, and narrative-driven expert reports, litigation support, and expert testimony. Added specialization (partial list):

* Ski and snow sports recreation area operations, risk management, and duty of care.
* On-hill group supervision, situational safety, program components, facility conditions, duty of care, negligence, breach, proximate cause, cause-in-fact, and harm.
* Skiing, snowboarding, snow tubing, sledding, tobogganing, and saucering operations.
* On-hill group activities, including group and private ski lessons, ski and snow sports schools, and race team operations.

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## Pertinent Snow Sports Experience and Certifications

* **Head Guide, Art of Fear Ski Camp**, Kristen Ulmer, Since 2007. Guided advanced level skiers during the 2 ½ day ski camp led by Kristen Ulmer, who teaches how to deal with fear and anxiety in snow sports and in life.
* **Telemark Discipline Professional Education Staff,** PSIA Northern Intermountain (NI) – Since 2022. Collaborates with the PSIA-NI education staff on regional education standards and events.
* **Director**, PSIA Northern Rock Mountain (NRM) – 2012 to 2013. Elected to the Board of Directors (BoD) by the members of PSIA-NRM; attended BoD meetings; represented the Telemark and Cross-Country disciplines; originated reports; and represented the members of the Northern Rocky Mountain region to the BoD and Executive Committee.
* **Telemark Clinician and Examiner,** PSIA-NRM Nordic Education Staff – 2009 to 2013. Responsibilities included the planning, administration, and performance of traveling Telemark Clinic series and Telemark Certification Examinations.
* **Nordic Education Committee Member,** PSIA-NRM – 2009 to 2013. Worked with the Nordic Chairperson and Nordic Education Staff on goals, policies, administration, certification standards, educational materials, and event planning for the division.
* **Snow Sports Instructor,** Moonlight Basin, MT – 2011 to 2013. Chief Trainer for Telemark Instructors, Alpine and Telemark ski lessons, and multi-week ski programs.
* **Assistant Nordic Chairperson,** PSIA-NRM – 2007 to 2008. Administration and management of the Nordic Division; assisted with the origination of numerous Telemark certification and educational documents.
* **Snow Sports Instructor,** Bridger Bowl, MT – 2006 to 2008. Taught Alpine and Telemark multi-week ski programs, group, and private lessons.
* **Nordic Chairperson,** PSIA Western (W) – 2004 to 2006. Administered and managed all aspects of the Nordic Division: origination, approval, and management of Division budget; prepared season calendar; provided oversight to Chief Clinician, Telemark,

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Track and Backcountry Directors; administered all seasonal events; represented Nordic Division at Board of Directors meetings.

* **Nordic Education Staff,** PSIA-W – 2003 to 2008. Organized and performed Telemark Level I Pre-Courses and Telemark Level I Certification examinations; mentored Nordic members through the Telemark Certification process; taught Clinics at Fall Symposium, educational events, and Spring Convention.
* **Senior Telemark Instructor,** Bear Valley Telemark Festival, CA– 2003 to 2007. Taught lessons for all abilities at the West Coast's largest Telemark Festival.
* **Alpine Ski Instructor,** 1978 to 1983. Alpine Ski Instructor at Homewood and Kirkwood Ski Resorts in California.

## CURRENT CERTIFICATIONS

* Level 1, 2, & 3 Certified Telemark Ski Instructor, PSIA
* Level 1 & 2 Certified Alpine Ski Instructor, PSIA
* Accredited Children's Ski Instructor, CS1 & CS2
* USSA Certified L100 Race Coach and Official
* PADI Advanced Open Water Diver
* PADI Open Water Diver
* OSHA 10

## PROFESSIONAL ENGINEERING EXPERIENCE AND LICENSURE

**Professional Engineering Services,** *Boise, ID* **Since 2020**

Civil Engineering – Expert Witness and Principal Consultant

**Vertex Engineering,** *Boise, ID* **2022 – 2023**

Senior Forensic Engineering Consultant

**Engineering Leadership Institute,** *Bozeman, MT and Boise, ID* **Since 2015**

Principal Consultant and Educator

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**HECO Engineers,** *Boise, ID* **2018-2020**

Senior Project Manager

**KLJ Engineering, Inc.,** *Dickinson, ND* **2014-2015**

Municipal Group Leader

**Moore Engineering, Inc.,** *Minot, ND* **2013-2014**

Senior Municipal Engineer

**Quality of Life Consultants, LLC,** *Bozeman, MT* **2009-2013**

President

**Stahly Engineering & Associates**, *Bozeman, MT* **2008-2009**

Senior Project Manager

**R&B Engineering, Inc.,** *Auburn, CA* **1990-2008**

President

**Nevada City Engineering, Inc.,** *Nevada City, CA* **1988-1990**

**Pacific Gas & Electric Company**, *San Francisco, CA* **1984-1988**

### Current Civil Engineering Licenses

**California,** License **#**C043135
**Colorado**, License #PE.0042067
**Florida,** License #PE104006
**Georgia**, License #PE054224
**Idaho**, License #P-18145
**Maryland**, License #65036
**Missouri**, License #PE-2025019835
**Montana,** License #PEL-PE-LIC-17416
**Nevada**, License #011956
**New York,** License #110442
**Oregon**, License #94428PE
**South Dakota**, License #PE-12440
**Texas**, License #PE-161112
**Utah**, License #14185390-2202
**Washington**, License #22026669
**Wyoming**, License #PE 12076

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## EDUCATION

**Montana State University**, *Bozeman, MT* 2011

Master of Public Administration (MPA)

**University of California at Davis**, *Davis, CA* 1984

Bachelor of Science (BS), Civil Engineering

## PUBLICATIONS

**Wall, Randy, *A Study of a Special District for Park Maintenance in the City of Bozeman*,** Master of Public Administration Professional Paper. (2011)

## APPOINTMENTS

**Forensic Expert Witness Association (FEWA), Senior Vice President**, since 2026.

**PSIA-NI Education Staff**, since 2022.

**ASTM Sub-Committee F27.35 - Ski Area Padding and Markings for Winter Operations Committee Member**, since 2024.

**ANSI National Safety Standard B77.1 - 2022: Passenger Ropeways – Aerial Tramways, Aerial Lifts, Surface Lifts, Tows, and Conveyors**, 2024 to 2025.

**ASTM Sub-Committee F27.65 – New Projects Committee Member**, since 2023.

**ACCT Consensus Group Member**, 2023 - 2024.

**ASTM F27 Committee for Snow and Water Sports Committee Member**, since 2023.

**Bogus Basin Recreation Association Member**, 2022 to 2025.

**Ballroom Dance Bozeman, President,** 2016 – 2018.

**Toastmasters, President,** Minot North Dakota Chapter, 2015.

**Planning & Zoning Board Member** - City of Bozeman, MT, 2012 to 2013**.**

**Design Review Board Member** - City of Bozeman, MT, 2008 to 2012.

**Planning Commission - Chairperson & Member,** City of Auburn, CA, 1998 to 2002.

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## PRESENTATIONS

1. **Wall, Randy,** ASCE Southern Idaho Section: **Effective Techniques for Engineering Managers**. 2025.
2. **Wall, Randy,** ASCE Southern Idaho Section: **How to Make an Effective Promise**. 2024.
3. **Wall, Randy,** Montana Joint Engineers Conference: **How to Make an Effective Promise & Make Engineering Fun Again**. 2022.
4. **Wall, Randy**, Montana Joint Engineers Conference: **Increase Sales Through Strategic Planning & How to Increase Your Sales.** 2021.
5. **Wall, Randy,** Montana Joint Engineers Conference: **The Unwritten Laws of Engineering.** 2019.
6. **Wall, Randy,** Montana Joint Engineers Conference: **Project Management Bootcamp.** 2018.
7. **Wall, Randy**, NSPE National Convention: **Texts & Emails that Fuel Engineering Success**, 2018.
8. **Wall, Randy**, NSPE Webinar: **Closing the Soft Skills Gap in Engineering Practice**, 2018.
9. **Wall, Randy**, NSPE Webinar: **The High Demand for Social Skills in Engineering**, 2018.
10. **Wall, Randy**, NSPE Webinar: **Staying Relevant: The Lifelong Learning Journey**, 2018.
11. **Wall, Randy,** Montana Joint Engineers Conference: **Communicate Clearly through Writing**, 2017.
12. **Wall, Randy,** Montana Joint Engineers Conference: **Contracts for Professional Engineers**, 2016.

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13. **Wall, Randy**, NSPE Webinar: **Best Practices to Communicate Clearly through Writing**, 2018.

## PROFESSIONAL AFFILIATIONS

**Forensic Expert Witness Association (FEWA)**, Professional Consulting Member, Since 2025.

**ProVisors Networking Group**, Since 2025.

**United States Ski and Snowboard Association (USSA)**, Member #5825070, Since 2025.

**American Society for Testing and Materials (ASTM)**, Member #2419713, Since 2023.

**American Society of Civil Engineers (ASCE)**, Member # 10635594, Since 2023.

**Association for Challenge Course Technology (ACCT)**, 2023 to 2024.

**National Ski Area Association (NSAA)**, Since 2022.

**Professional Ski Instructors of America (PSIA)**, Member # 177601, Since 1982.

## CONTINUING EDUCATION

* **Pedestrian/Bicycle Crash Investigation – Level I,** Institute of Police Technology and Management (IPTM), Summer 2026.
* **2026 Annual Forensic Expert Conference,** FEWA, Spring 2026.
* **Human Factors in Skiing and Snowboarding – Self Study**[1], Winter 2026

[1] This was an in-depth study of Human Factors that included, but was not limited to the following peer reviewed articles: Erin Hurley, et al., "Reaction Times of Skiers and Snowboarders," *Journal of ASTM International*, Vol. 7, No. 9 (2010): www.astm.org; Kai-Uwe Schmitt & Markus Muser, "Investigating reaction times and stopping performance of skiers and snowboarders," *European Journal of Sport Science*, Vol. 14, No. S1 (2014): S165-S170, http://dx.doi.org/10.1080/17461391.2012.666267; Lenka Stepan, et al., "Skier and snowboarder speeds at US ski areas," *JSAMS Plus 2*, No. 100033 (2023): https://doi.org/10.1016/j.jsampl.2023.100033; J. E. Shealy, et al., "How Fast Do Winter Sports Participants Travel on Alpine Slopes?," *Journal of ASTM International*, Vol. 2, No. 7 (2005): www.astm.org.

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* **So, You Want to be an Expert Witness? – Sessions 1, 2, & 3,** FEWA, Winter 2026.
* **Scams and Identity Theft Risks for Expert Witnesses,** FEWA, Winter 2026.
* **Level 3 Pre-Assessment Clinic,** PSIA-W, Winter 2026.
* **Level 3 Big Mountain Clinic,** PSIA-I, Winter 2026.
* **Level 3 Pressure Control Clinic,** PSIA-I, Winter 2026.
* **Level 3 Teaching Practicum,** PSIA-I, Fall 2025.
* **Northern Intermountain Fall Fest Educational Event,** PSIA-NI, Fall 2025.
* **Transformational Leadership: Coaching Hacks to Improve Interactions with Athletes and Their Parents**, United States Ski and Snowboard Association, Coach Excellence Conference, Fall 2025.
* **Integrating Mental Skills Into Sports Training**, United States Ski and Snowboard Association, Coach Excellence Conference, Fall 2025.
* **Designing Developmentally Relevant Technical Skills**, United States Ski and Snowboard Association, Coach Excellence Conference, Fall 2025.
* **Maintaining In-Season Training & Fitness**, United States Ski and Snowboard Association, Coach Excellence Conference, Fall 2025.
* **SkillsQuest Fitness**, United States Ski and Snowboard Association, Coach Excellence Conference, Fall 2025.
* **Adult, Child, and Baby First Aid/CPR/AED Certification**, American Red Cross, Winter 2025.
* **Avalanche Awareness**, USSA-SEA, Winter 2025.
* **Alpine Ski Coach Safety Requirements**, USSA-SEA, Winter 2025.
* **Coaching Fundamentals**, USSA-SEA, Winter 2025.

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* **Practicing Within the Standard of Care**, PLAN/AXA-XL Insurance, Webinar Winter 2025.
* **AIA Contract Documents Workshop**, Halfmoon Education, Inc., Winter 2025.
* **Fall Summit,** FEWA, Fall 2025.
* **Northern Intermountain (NI) Fall Fest Educational Event,** PSIA-NI, Fall 2024.
* **2024 Snow Sports Virtual Summit – Supporting Equity and Inclusion in Snow sports,** PSIA, Fall 2024.
* **ASTM International - Officers' Training Workshop,** Fall 2024.
* **Nevada Chapter 625 Statutes and Regulations**, Nevada Board of Professional Engineers and Land Surveyors, Spring 2024.
* **Professional Ethics,** Nevada Board of Professional Engineers and Land Surveyors, Spring 2024.
* **How to Refine, Improve, and Grow Your Expert Witness Practice,** SEAK, Inc., Fall 2024.
* **ASTM Committee F27 on Snow and Water Sports – Committee Meeting,** Summer 2024.
* **Safe Sport Act,** National, Ski Areas Association (NSAA), Spring 2024.
* **Improving Civility in the Courtroom: Reducing Conflict in the Legal Profession,** Idaho State Bar Association, Spring 2024.
* **ANSI B77 Full Committee Meeting,** NSAA, Winter 2024.
* **Fall Education Series Wrap-Up,** NSAA, Fall 2023.
* **Discipline Chair and Education Team Leadership Training,** PSIA-NI, Fall 2023.

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* **ASTM Committee F24 on Amusement Rides and Devices - National Meeting,** Fall 2023.
* **Resort Operations in the Age of Nuclear Jury Verdicts,** NSAA Fall Education Series 2023.
* **Ski Statute: Do You Know What's In Yours?,** NSAA Fall Education Series 2023.
* **Hot Takes And Key Trends - Unique Aspects Of Risk Management,** NSAA Fall Education Series 2023.
* **How to Write a Bulletproof Expert Witness Report,** SEAK, Inc., Fall 2023.
* **ASTM Committee F27 on Snow and Water Sports – Committee Meeting,** Summer 2023.
* **Industry Report Card – Litigation & Risk,** NSAA, MountainGuard, Safehold, and Association of Ski Defense Attorneys (ASDA), ISAA Spring Conference, 2023.
* **Regional Roundup: Claims, Trends, And Trials In Your Region, And Important Operational Take-Aways,** NSAA Fall Education Series 2023.
* **Flying High – A Deep Dive on Zipline Considerations,** NSAA 2023 Western Winter Conference.
* **How to Be an Effective Expert Witness,** SEAK, Inc., Fall 2022.
* **The Evolving Labor Landscape,** NSAA Risk & Regulatory Affairs, ISAA Spring Conference, 2023.
* **ANSI B77.1-2022 Update, NSAA B-77.1 Administrator/Ropeway Engineering,** ISAA Spring Conference, 2023.
* **Dynamic Acceptance Testing per ANSI B77.1 2022,** Skytrac Services, ISAA Spring Conference, 2023.

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* **Explosive, Regulations, Inspections, and Emerging Trends,** NSAA 2023 Western Winter Conference.

* **Lift Safety Bootcamp,** NSAA 2023 Western Winter Conference.

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