

PROFESSIONAL OUTDOOR RESUME

for

J. Bradley Materick

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SUMMARY OF ACADEMIC & EDUCATIONAL EXPERIENCE

This section documents my scholarly achievements and lists any relevant *Expeditions* (trips of 5 days or longer). Please note that the details of an *Expedition* (e.g. peaks climbed, rivers floated, etc.) may be found in the technical sections of this resume by cross-referencing dates.

8/02-Now **University of Vermont**, Burlington, VT
Botany Department, Field Naturalist Program (expected completion 5/04)

9/91-6/96 **Stanford University**, Stanford, CA
Bachelor of Science, Civil Engineering, concentration in Environmental and Water Studies; Master of Science, Earth Systems, concentration in Anthrosphere

1/95-5/95 **School for International Training**, Brattleboro, VT
College Semester Abroad Program, Ecuador: Comparative Ecology

3/95	Amazon Rainforest expedition	10 days	My role: Student
4/95	Galapagos Islands expedition	10 days	My role: Student

9/94-6/96 **Stanford Institute for International Studies**, Stanford, CA
Goldman Honors Program in Environmental Science, Technology and Policy
Honors Thesis: Information Transparency and the Environmental Impact Statement Process for Petroleum Development in Amazonian Ecuador

7/95	Lived in Cofan village of Dureno, in the Ecuadorian Amazon, performing research for my honors thesis	25 days	My role: solo researcher
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7/94-8/94 **San Francisco State University**, San Francisco, CA
Wildlands Studies Program: Montana Endangered Wildlands

7/94 - 8/94	Several trips of 5-8 days into the backcountry of Montana: Gallatin N.F., Scapegoat & Bob Marshall Wildernesses	5-8 days	My role: Student
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SUMMARY OF TRAININGS

This section documents trainings I have participated in. Trainings that address technical skills are also listed in relevant sections (mountaineering & skiing, rock-climbing and whitewater). If the training involved an *Expedition* (a trip of 5 days or longer), the number of days is noted.

- 1/97 **Wilderness Emergency Medical Technician**, Wilderness Medicine Institute, Pitkin, CO
 - 3/99 Transfer to **Wilderness First Responder**, Wilderness Medicine Institute, Pitkin, CO
 - 4/01 **WFR** recertified, Wilderness Medicine Institute, Pitkin, CO
- 1/97 **CPR Level C -- Healthcare Provider**, Wilderness Medicine Institute, Pitkin, CO
 - 5/02 Recertified, American Ambulance, Fresno, CA
- 3/97 **Avalanche Field Workshop**, Mountain Adventure Seminars, Bear Valley, CA
- 5/97 10 days **New Staff Orientation**, Pacific Crest Outward Bound School (PCOBS), Redmond, OR
- 5/97 & 98 6 days **Whitewater Intensive Training**, PCOBS, Redmond, OR
- 5/98 **Institutional Top-Rope Site Management**, PCOBS, Redmond, OR
- 5/98 **Youth Training**, PCOBS, Redmond, OR
- 10/98 8 days **Salmon River Staff Kayak Expedition & Training**, PCOBS, Redmond, OR
- 3/99 **Nordic Downhill Level I**, Professional Ski Instructors of America, Truckee, CA
- 5/99 10 days **River Site Management**, PCOBS, Redmond, OR
- 5/99 7 days **Alpine Skills Training**, PCOBS, Redmond, OR
- 3/00 **Avalanche Level II**, Alpine Skills International, Norden, CA
- 4/00 **Nordic Downhill Level II**, Professional Ski Instructors of America, Truckee, CA
- 5/00 7 days **Alpine Site Management**, PCOBS, Redmond, OR
- 4/01 & 4/02 **Chief Instructor Training**, PCOBS, Lakeshore, CA
- 4/02 **Trainers' Training**, PCOBS, Redmond, OR

SUMMARY OF PROFESSIONAL EXPERIENCE & EXPEDITIONS

This section documents my relevant work experience in the field of outdoor education. Each organization is followed by a list of *Expeditions* (trips of 5 days or longer) that I have worked for that organization.

(NOTE: In contrast to other sections, I begin here with my most recent employment)

- 12/01-3/02 **Offshore Odysseys**, Santa Barbara, CA Crew
I joined a friend and fellow Outward Bound instructor on his 52-foot sailboat for a 1 1/2 month journey down the east shore of New Zealand's north island.
- 12/99-3/01 **Alpine Skills International (ASI)**, Norden, CA Instructor & Guide
During the winter months, I designed and instructed telemark skiing, snow camping, & winter mountaineering courses, primarily lasting 2 or 3 days. In addition, I instructed both classroom and field elements of Level I Avalanche courses, and guided backcountry ski tours in the Lake Tahoe area and the High Sierra. During the 2000-2001 winter I served as equipment manager, redesigning the company's equipment systems after the owners moved from a large lodge into a much smaller space.

5/00	Sierra Nevada High Route: Wolverton (Sequoia N.P.) to Shepherd Pass Trailhead	6 days	My role: Assistant Guide
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- 11/98-4/99 **Sugar Bowl**, Norden, CA Ski Instructor
I instructed alpine skiing for students from 4-60+ years old, beginners to advanced skiers.

- 5/97-Present **Pacific Crest Outward Bound School (PCOBS)**, Redmond, OR Lead Instructor
During the summer months, I led wilderness rafting, mountaineering and rock-climbing courses in Central Oregon, Idaho, and the Sierra Nevada and Joshua Tree National Park in California. I have instructed courses extending from 7 to 78 days in length, focusing on building both technical and human skills. My students have ranged from 14 to 67 years old. As a Chief Instructor, I was responsible for designing course curricula, facilitating course logistics, training and mentoring Instructors and Assistants, and ensuring course safety and quality for the students and staff.

7/02	Standard (16+) Mountaineering Course Sierra Nevada Range, CA	22 days	My role: Chief Instructor
6/02	Standard (16+) Mountaineering Course Sierra Nevada Range, CA	22 days	My role: Chief Instructor
9/2 - 11/18/01	Multi-element Semester Course (18+): Sierra Mtneering, J-Tree Rock Camp & Desert Trek	78 days	My role: Lead Instructor (worked 50 of 78 days)
7/25 - 8/15/01	Standard (16+) Mountaineering Course Sierra Nevada Range, CA	22 days	My role: Lead Instructor
6/24 - 7/15/01	Adult (21+) Mountaineering Course Sierra Nevada Range, CA	22 days	My role: Lead Instructor
3/10 - 4/1/01	Adult (18+) Desert Trekking Course Joshua Tree National Park, CA	22 days	My role: Instructor
9/4 - 10/1/00	Adult (21+) Mountain/River Combo Course Selway-Bitterroot Wilderness and Salmon River, ID	28 days	My role: Chief Instructor
8/1 - 8/8/00	Adult (21+) River Course Salmon River, ID	8 days	My role: Instructor
7/21 - 7/28/00	Adult (18+) River Course Salmon River, ID	8 days	My role: Instructor
6/22 - 7/19/00	Standard (16+) Mountain/River Combo Course Lick Creek Range and Salmon River, ID	28 days	My role: Lead Instructor
9/23 - 9/27/99	Payette National Forest Technical Recon Lick Creek Range, ID	5 days	My role: Recon
9/7 - 9/14/99	Adult (21+) River Course Salmon River, ID	8 days	My role: Instructor
8/7 - 8/28/99	Standard (16+) Mountain/River Combo Course Central Cascades and Deschutes River, OR	22 days	My role: Instructor
6/22 - 7/19/99	Standard (16+) Mountain/River Combo Course Lick Creek Range and Salmon River, ID	28 days	My role: Instructor
8/10 - 8/31/98	Venture (14-15) Mountain/River Combo Course Central Cascades and Deschutes River, OR	22 days	My role: Assistant Instructor
7/12 - 7/25/98	Standard (16+) Mountain/River Combo Course Central Cascades and Deschutes River, OR	14 days	My role: Assistant Instructor
6/7 - 6/28/98	Standard (16+) Mountain/River Combo Course Central Cascades and Deschutes River, OR	22 days	My role: Assistant Instructor

6/97-9/98

Wilderness Inquiry (WI), Minneapolis, MN

Trail Staff

I led wilderness canoe trips in Minnesota, Wisconsin and Utah for mixed ability groups, persons with physical, mental and behavioral disabilities. I was also responsible for developing a new backpacking program in the North Cascades for WI's 1998 season.

6/97 - 9/97	Boundary Waters Canoe Area, MN: five 5-day canoe trips Green River, Utah: 8-day canoe trip	25 days 8 days	My role: Trail staff My role: Trail staff
9/98	Inaugural North Cascades Backpack Trip North Cascades, WA	7 days	My role: Course designer and Trail staff

10/96-12/96

Recreational Equipment, Inc., San Carlos, CA

Customer Service

I worked in the Customer Service Department of the San Carlos retail store.

6/96-9/96

Lochsa District, Clearwater National Forest, ID

Assistant Ranger

I performed trail maintenance, campsite restoration and noxious weed removal, as well as communicating Leave No Trace! Techniques to visitors in the Selway-Bitterroot Wilderness. I wrote a preliminary management plan for the Stanley Hot Springs Restoration Area.

6/96 - 9/96	Seven 10-day work hitches Selway-Bitterroot Wilderness, Idaho	70 days	My role: Assistant Wilderness Ranger for U.S. Forest Service
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9/95-4/97

Stanford Outdoor Education Program (OEP), Stanford, CA

Volunteer Instructor

I taught classes and led trips focused on outdoor skills and ethics for a course titled, "An Introduction to Wilderness Skills." During spring, 1996, I was a "Top Banana" and led the design and instruction of a new advanced course called, "An Introduction to Mountaineering." During fall, 1996, I helped the program expand by coordinating a series of additional FALL TRIPS open to all students. All trips were 2-3 days long.

5/95-8/95

Acción Ecológica, Quito, Ecuador

Volunteer

I helped this Ecuadorian activist organization with a project that addresses the issue of petroleum development and environmental degradation in the Ecuadorian Amazon.

1/94-3/94

Hidden Villa Environmental Education Center, Los Altos, CA

Volunteer Leader

I led groups of elementary school children on Hidden Villa's trails through Coast Range ecosystems and through the center's farm and organic garden. I facilitated environmental activities and discussions.

9/93-12/93

Stanford Environmental Education Program, Stanford, CA

Volunteer

I worked with a team of Stanford students to create and present a 10-week curriculum of environmentally focused classes for disadvantaged fourth graders at a school in East Palo Alto.

PERSONAL EXPEDITIONS (Trips of 5 days or longer)

Note: A * next to the number of days means that the Expedition was not entirely backcountry. I use this symbol primarily to indicate road-trips or trips to foreign countries.

Dates	Description of Trip	# of Days	My Role
3/97	Mexico Volcanoes expedition: Iztaccihuatl and Pico de Orizaba	9 days*	Co-leader
9/97	Kayak Expedition: Boundary Waters, MN, and Quetico Park, Canada	6 days	Solo
4/99	Sierra Nevada Ski-mountaineering: Evolution region, King's Canyon National Park, CA	7 days	Co-leader
10-12/99	Ecuador Volcanoes expedition: Glacier climbs and Ski descents	38 days*	Co-leader
4/00	Sierra Nevada ski-mountaineering: North Lake to Rock Creek to Mammoth Ski Tour	8 days	Co-leader
11/00	Arizona Rock-climbing Road Trip: Red Rocks/Prescott/Superstitions/Baboquivari/Cochise	12 days*	Co-leader
4/01	Sierra Nevada Ski-mountaineering: Ritter Range, Minarets Wilderness, CA	5 days	Co-leader
4/01	Sierra Nevada Ski-mountaineering: Cirque Crest Tour, Kings Canyon National Park, CA	9 days	Co-leader
1/02	New Zealand Backpacking: Tongariro National Park Circuit	5 days	Solo
3/02	New Zealand Mountaineering: Mt. Aspiring Expedition	5 days	Co-leader
4/02	Sierra Nevada Ski-mountaineering: Mammoth to Tioga Pass Ski Tour	5 days	Co-leader

MOUNTAINEERING & SKIING TRAININGS

This section documents trainings that addressed skills relevant to technical mountaineering and skiing. Peaks attempted (if any) during a specific training are listed.

Dates and Description of Training					
Dates	Mountain	Route/Difficulty	Description	Skills Demonstrated	Summit?
3/97 Avalanche Field Workshop , Mountain Adventure Seminars, Bear Valley California No peaks attempted					
5/97 New Staff Orientation , Pacific Crest Outward Bound School, Redmond, OR No peaks attempted					
3/99 Nordic Downhill Level I , Professional Ski Instructors of America, Truckee, CA No peaks attempted					
5/99 Alpine Skills Training , Pacific Crest Outward Bound School, Redmond, OR					
5/28/99	Mt. Hood Cascades, OR	Sunshine Route Class 3	Snow and glacier	Led rope team on 50° snow and glacier	Yes 11,235'
3/00 Avalanche Level II , Alpine Skills International, Norden, CA					
3/13/00	Donner Peak Tahoe, CA	Northwest Ridge Class 3	Snow, ski descent of Southwest Ridge	Avalanche analysis & route-finding	Yes 8013'
4/00 Nordic Downhill Level II , Professional Ski Instructors of America, Truckee, CA No peaks attempted					
5/00 Alpine Site Management , Pacific Crest Outward Bound School, Redmond, OR					
5/22/00	Mt. Washington Cascades, OR	North Ridge Class 4/5	Snow and alpine rock	Rope team travel & fixed lines	Yes

PROFESSIONAL ALPINE & SKI MOUNTAINEERING

This section documents peak attempts I have managed as an instructor or guide. The organization I was working for is noted under the date.

Dates	Mountain	Route/Difficulty	Description	Skills Demonstrated	Summit?
6/96 OEP	Mt. Silliman Sierra Nevada, CA	South Slope Class 2	Snow, talus, ski descent	Basic mountaineering skills taught/practiced	No 11,188'
10/96 OEP	Mt. Tallac Tahoe, CA	South Ridge Class 2	Snow	Basic snow travel with ice axe	Yes 9735'
7/16/98 PCOBS	Diamond Peak Cascades, OR	East Slope Class 3	Snow	Rope team travel taught/practiced	No 8744'
8/20/98 PCOBS	Broken Top Cascades, OR	West Ridge Class 3	Snow, talus and rock	Steep snow manage- ment & fixed lines	Yes 9175'
8/27/98 PCOBS	Middle Sister Cascades, OR	North Ridge Class 3	Snow, glacier, talus and scree	Guided glacier travel & talus management	Yes 10,035'
7/1/99 PCOBS	Nick Peak Lick Creek Range, ID	East Slope Class 2	Talus and scree	Talus management & rappel descent	Yes
7/7/99 PCOBS	South Loon Mtn. Lick Creek Range, ID	South Slope Class 2	Talus and scree	Talus management	Yes
8/19/99 PCOBS	Goat Peak Cascades, OR	North Side Class 3/4	Rock	Fixed lines taught & practiced	Yes
8/20/99 PCOBS	Mt. Jefferson Cascades, OR	South Ridge Class 4	Talus, scree, snow and rock	Talus management & Fixed lines taught &	Yes 10,497'
8/25/99 PCOBS	Mt. Washington Cascades, OR	North Ridge Class 4/5	Alpine rock	Fixed lines	Yes
4/1/00 ASI	Anderson Peak Tahoe, CA	North Slope Class 2	Snow, ski descent	Basic snow travel on skis	Yes 8583'
4/1/00 ASI	Tinker's Knob Tahoe, CA	East Slope Class 2	Snow, ski descent	Basic snow travel on skis	Yes 8949'
6/28/00 PCOBS	Sawtooth Peak Lick Creek Range, ID	South Ridge Class 2/3	Talus and scree	Talus management	Yes 8875'
6/29/00 PCOBS	Snowslide Peak Lick Creek Range, ID	North Spur Class 4	Talus, scree and rock	Fixed line	Yes 8522'
6/30/00 PCOBS	Sawtooth Peak Lick Creek Range, ID	South Ridge Class 2/3	Talus and scree	Talus management	Yes 8875'
7/8/00 PCOBS	South Loon Mtn. Lick Creek Range, ID	Northeast Ridge Class 2	Talus and scree	Talus management	Yes 9287'

PROFESSIONAL ALPINE AND SKI MOUNTAINEERING continued...

Dates	Mountain	Route/Difficulty	Description	Skills Demonstrated	Summit?
9/20 & 9/21/00	East Peak The Crags, ID	West Ridge Class 2	Talus, scree and snow	Talus management	Yes
2/16/01 ASI	Donner Peak Tahoe, CA	Northwest Ridge Class 3	Snow	Rope team travel & fixed lines taught	Yes 8013'
3/01 PCOBS	Eureka Peak Joshua Tree, CA	North Slopes Class 2	Talus	Talus management	Yes 5518'
3/01 PCOBS	Quail Mountain Joshua Tree, CA	West Slopes Class 2	Talus	Talus management	Yes 5813'
6/29/01 PCOBS	Peak 12,221' Sierra Nevada, CA	West Slopes Class 2	Talus & scree	Talus management Summit bivy	Yes 12,221'
7/13/01 PCOBS	Bear Creek Spire Sierra Nevada, CA	Ulrich's route Class 2-5	Talus, scree and rock	Talus management, belay & lower	No 13,713'
7/19/01 PCOBS	Feather Peak Sierra Nevada, CA	West Ridge Class 4	Talus and alpine rock	Talus management & fixed lines	Yes 13,242'
7/29/01 PCOBS	Peak 11,520' Sierra Nevada, CA	South Ridge Class 3	Talus & scree	Talus management Summit bivy	Yes 11,520'
8/6/01 PCOBS	Mt. Gabb Sierra Nevada, CA	West Ridge Class 3	Talus & scree	Talus management	Yes 13,711'
8/11/01 PCOBS	Feather Peak Sierra Nevada, CA	West Ridge Class 4	Talus and alpine rock	Recon w/ co-instructor	Yes 13,242'
8/11/01 PCOBS	Royce Peak Sierra Nevada, CA	West Slopes Class 2	Talus & scree	Talus management Summit bivy	Yes 13,253'
9/9/01 PCOBS	Mt. Izaak Walton Sierra Nevada, CA	Southeast Ridge Class 2/3	Talus	Talus management	Yes 12,077'
9/14/01 PCOBS	Seven Gables Sierra Nevada, CA	Southeast Ridge Class 4	Talus & alpine rock	Solo recon	Yes 13,075'
9/17/01 PCOBS	Seven Gables Sierra Nevada, CA	North Ridge Class 3	Talus & scree	Talus management	Yes 13,075'
9/19/01 PCOBS	Feather Peak Sierra Nevada, CA	West Ridge Class 4	Talus & alpine rock	Talus management & fixed lines	Yes 13,242'
9/21/01 PCOBS	Mt. Gabb Sierra Nevada, CA	Northeast Ridge Class 4	Talus, scree & alpine rock	Talus management & fixed lines	Yes 13,711'
11/01 PCOBS	San Gorgonio San Bernadinos, CA	Trail Class 2	Trail & talus		Yes 11,502'
6/02 PCOBS	Twin Peaks Sierra Nevada, CA	South Face Class 4	Talus & alpine rock	Talus management & fixed lines	Yes
7/02 PCOBS	Ball Dome Sierra Nevada, CA	North Side Class 5	Alpine rock	Fixed lines & belays	Yes
7/02 PCOBS	Twin Peaks (twice!) Sierra Nevada, CA	South Face Class 4	Talus & alpine rock	Talus management & fixed lines	Yes
7/02 PCOBS	The Fin Sierra Nevada, CA	North Ridge Class 5	Alpine Rock	Fixed lines, belays & rappel	Yes
7/02 PCOBS	Mt. Silliman Sierra Nevada, CA	Southeast Face Class 4	Talus & alpine rock	Recon	Yes
7/02 PCOBS	Triple Divide Peak Sierra Nevada, CA	W Ridge (descend E) Class 4	Talus & alpine rock	Recon	Yes
7/02 PCOBS	South Guard Sierra Nevada, CA	Southeast Slope Class 3	Talus	Talus Management	Yes
10/03 GMC	Stowe Pinnacle Green Mountains, VT	Trail Class 2	Trail	Natural history	Yes

PERSONAL ALPINE & SKI MOUNTAINEERING

(NOTE: Prior to 1995, I did not record specific climbs)

Dates	Mountain	Route/Difficulty	Description	Skills Demonstrated	Summit?
5/95	Rucu Pichincha Andes, Ecuador	East Slope Class 2	Paramo, scree and talus	Basic travel	No 15,355'
5/95	Tungurahua Andes, Ecuador	Standard route Class 2/3	Scree, talus and snow	Basic talus & snow travel	No 16,457'
6/95	Rucu Pichincha Andes, Ecuador	East Slope Class 2	Paramo, scree and talus	Basic travel & rabid dog avoidance	Yes 15,355'
6/95	Iliniza Norte Andes, Ecuador	South Ridge Class 3	Scree, talus and rock	Talus route-finding	Yes 16,818'
7/95	Rucu Pichincha Andes, Ecuador	East Slope Class 2	Paramo, scree and talus	Basic travel	Yes 15,355'
7/95	Cotopaxi Andes, Ecuador	Standard Route Class 3	Glacier	Personal climb	No 19,348'
11/95	Mt. Darwin Sierra Nevada, CA	East Ridge Class 4	Alpine rock	Simul-climb & talus route-finding	Yes 13,831'
4/96	Mt. Williamson Sierra Nevada, CA	West Face Class 3	Talus & scree	Talus route-finding	No 14,375'
6/96	Mt. Sill Sierra Nevada, CA	North Couloir Class 4	Snow, alpine rock	Turned back by deep snow	No 14,153'
9/96	Mt. Olympus Olympic Mtns., WA	Blue Glacier Class 2	Glacier	Glacier travel	No 7965'
9/96	Mt. Rainier Cascades, WA	Disappointment Cleaver, Class 2/3	Snow and glacier	Glacier travel	Yes 14,410'
10/96	Mt. Whitney Sierra Nevada, CA	Mountaineers' Route Class 3	Talus & alpine rock	Talus route-finding	Yes 14,496'
3/23- 3/27/97	Iztaccihuatl Mexico	Standard Route Class 3	Scree, talus and glacier	Talus route-finding & glacier travel	Yes 17,160'
3/29- 3/31/97	Pico de Orizaba Mexico	Jamapa Glacier Class 3	Scree, talus and glacier	Talus route-finding & glacier travel	Yes 18,410'
11/6/97	Mt. St. Helens Cascades, WA	Monitor Ridge Class 2	Talus and scree	Talus route-finding	Yes 8365'
11/15/97	Mt. Adams Cascades, WA	Mazama Glacier Class 2	Snow and glacier	Glacier travel	No 12,276'
1/22/98	Pyramid Peak Unalaska Island, AK	West Face Class 3	Snow	Basic snow travel, solo	Yes 2200'
3/17/98	Makushin Volcano Unalaska Island, AK	East Slope Class 3	Snow	Basic snow travel, solo	No 6680'
4/27/98	Lassen Peak Cascades, CA	Standard Class 2	Snow Ski descent	Basic snow travel, solo	Yes 10,457'
5/2- 5/3/98	Mt. Shasta Cascades, CA	Casaval Ridge Class 3	Snow and glacier Ski descent	Glacier travel	No 14,162'
7/4/98	South Sister Cascades, OR	Proudy Glacier Class 3	Snow and glacier	Glacier travel, solo	Yes 10,358'
7/28/98	Mt. Jefferson Cascades, OR	Jefferson Park Glacier Class 4	Snow, glacier and rock	Glacier travel, talus route-finding	No 10,497'
1/4/99	Basin Peak Tahoe, CA	South Slope Class 2	Snow Ski descent	Basic snow travel on skis	Yes 9017'
1/4/99	Castle Peak Tahoe, CA	West Ridge Class 3	Snow Ski descent	Basic snow travel on skis	Yes 9103'
3/30/99	Devil's Peak Tahoe, CA	West slope Class 4	Snow Ski descent	Basic snow travel on skis	No 7704'
4/4/99	Snow Mountain Tahoe, CA	East Slope Class 2	Snow Ski descent	Basic snow travel on skis	Yes 8014'
4/18/99	Black Giant Sierra Nevada, CA	West Slope Class 1	Snow Ski descent	Basic snow travel on skis	Yes 13,330'
4/18/99	Mt. Solomons Sierra Nevada, CA	NE Shoulder Class 2	Snow Ski descent	Basic snow travel on skis	Yes 13,034'

PERSONAL ALPINE AND SKI MOUNTAINEERING continued...

Dates	Mountain	Route/Difficulty	Description	Skills Demonstrated	Summit?
4/19/99	Mt. Goddard Sierra Nevada, CA	SE Slope Class 2	Snow Ski descent	Basic snow travel on skis	Yes 13,568'
4/20/99	Mt. Reinstein Sierra Nevada, CA	East Slope Class 2/3	Snow Ski descent	Basic snow travel on skis	Yes 12,586'
4/21/99	Mt. Darwin Sierra Nevada, CA	N. Face Couloir & Darwin Glacier, 2nd	Snow Ski descents	Basic snow travel on skis	No 13,831'
4/25/99	Anderson Peak Tahoe, CA	North Slope Class 2	Snow Ski descent	Basic snow travel on skis	Yes 8583'
4/25/99	Tinker's Knob Tahoe, CA	East Slope Class 2	Snow Ski descent	Basic snow travel on skis	Yes 8949'
5/16/99	Mt. Hood Cascades, OR	South Side Class 2	Snow and glacier Ski descent	Snow & glacier travel on skis	Yes 11,235'
10/29/99	Cerro Imbabura Andes, Ecuador	Standard route from La Esperanza, Class 3	Paramo, talus and scree	talus route-finding	Yes 15,027'
10/30- 10/31/99	Cotacachi Andes, Ecuador	Standard route from Laguna Cuicocha, 4th	Paramo, snow and alpine rock	Basic snow travel & talus route-finding	No 16,205'
11/3/99	El Corazon Andes, Ecuador	Standard route from Aloasi, Class 3	Paramo, talus and rock	Talus route-finding	Yes 15,709'
11/5/99	Cerro Pasochoa Andes, Ecuador	Hydroelectric plant Class 2/3	Paramo and rock	Talus route-finding	Yes 13,777'
11/7/99	Cerro Atacazo Andes, Ecuador	Standard route from Cutulagua, Class 3	Paramo and rock	Talus route-finding	Yes 14,623'
11/8- 11/12/99	Volcan Cotopaxi Andes, Ecuador	Northwest Ridge Class 3	Glacier, Ski descent from 18,000'	Glacier travel	Yes 19,342'
11/16- 11/18/99	Carhuairazo Andes, Ecuador	Standard Route Class 3 (summit 5th)	Glacier and alpine rock, Ski descent	Glacier travel & mixed climbing	Yes 16,470'
11/19- 11/20/99	Chimborazo Andes, Ecuador	Standard route via El Corredor, Class 2/3	Glacier, Ski descent of Whymper Summit	Glacier travel	Yes 20,700'
11/23- 11/24/99	Iliniza Sur Andes, Ecuador	Standard route Class 3	Glacier	Glacier travel	Yes 17,263'
11/28- 11/30/99	Cayambe Andes, Ecuador	Picos Jarrin Class 3	Glacier, Ski descent from 18,000'	Glacier travel	Yes 18,991'
2/11/00	Silver Peak Tahoe, CA	Northeast Ridge Class 2	Snow, Ski descent of East Ridge	Basic snow travel on skis	Yes 8424'
2/21/00	Martis Peak Tahoe, CA	West Side Class 1/2	Snow, Ski descent	Basic snow travel on skis	Yes 8742'
3/22/00	Mt. Rose Tahoe, CA	South Face Class 2/3	Snow and talus Ski descent	Basic snow travel on skis, solo	Yes 10,776'
4/9/00	Martis Peak Tahoe, CA	West Side Class 1/2	Snow, Ski descent	Basic snow travel on skis	Yes 8742'
4/21/00	Merriam Peak Sierra Nevada, CA	East Slope Class 2/3	Snow and talus, Ski descent	Snow travel on skis, talus travel, solo	No 10,103'
5/29/00	Mt. Shasta Cascades, CA	Avalanche Gulch Class 3	Snow & glacier Ski descent	Snow & glacier travel, solo descent	Yes 14,162'
4/15/01	Banner Peak Sierra Nevada, CA	Southwest Slopes Class 2	Snow, Ski from Ritter-Banner saddle	Basic snow travel on skis	No 12,933'
4/16/01	Mt. Ritter Sierra Nevada, CA	Southeast Slopes Class 2/3	Snow, Ski descent	Steep snow travel on skis	Yes 13,140'
4/24/01	Dougherty Peak Sierra Nevada, CA	South Slopes Class 2	Snow, Ski descent of North Slopes	Snow travel on skis	Yes 12,241'
4/25/01	Marion Peak Sierra Nevada, CA	East Slopes Class 2	Snow, Ski descent	Snow travel on skis	Yes 12,719'
4/26/01	Split Mountain Sierra Nevada, CA	North Slopes Class 2	Snow, Ski descent	Snow travel on skis	Yes 14,051'

PERSONAL ALPINE AND SKI MOUNTAINEERING continued...

Dates	Mountain	Route/Difficulty	Description	Skills Demonstrated	Summit?
5/2/01	Sierra Buttes Tahoe, CA	Northwest Ridge Class 2	Snow and talus	Basic snow travel	Yes 8591'
1/02	Ruapehu Tongariro, New Zealand	West Side Class 3	Snow and talus	Basic snow travel	No 9175'
1/02	Ngarahoe (Mt. Doom) Tongariro, New Zealand	West Slopes Class 2	Scree	Scree travel	Yes 7515'
2/02	Mt. Rolleston Arthur's Pass, NZ	South Ridge Class 4	Talus, scree & steep snow	Snow and talus travel	No 7450'
3/02	Mt. Aspiring Southern Alps, NZ	Regular Route Class 4	Talus, alpine rock, steep snow & glaciers	Talus and rock travel, glacier and snow travel	No

ROCK-CLIMBING TRAININGS

This section documents trainings I have attended that addressed skills relevant to technical rock-climbing.

Any multi-pitch routes completed by me during a specific training are listed.

L = Lead, F = Follow, S = Swing, G = Guided (# of followers)

Dates	Description	Routes Climbed	Difficulty	Length	L/F/S/G
5/98	Institutional Top Rope Site Management, PCOBS, OR	Odin Falls Base Camp No multi-pitch	N/A	N/A	N/A
5/00	Alpine Site Management PCOBS, OR	Mt. Washington & Smith Rock No multi-pitch	N/A	N/A	N/A

PROFESSIONAL MULTI-PITCH

This section documents multi-pitch routes that I have guided.

Dates	Route, Formation	Location	Difficulty	Length	L/F/S/G
5/96	<i>South Face</i> , Chimney Rock	Sequoia NF, CA	5.4	3 pitches	G (2)
10/01	<i>The Dappled Mare</i> , Lost Horse Wall	Joshua Tree, CA	5.8	3 pitches	G (2)
10/01	<i>Tranquility</i> , Moose Dog Tower	Joshua Tree, CA	5.6	3 pitches	G (2)
10/01	<i>Tranquility</i> , Moose Dog Tower	Joshua Tree, CA	5.6	3 pitches	G (2)

PERSONAL MULTI-PITCH

Dates	Route, Formation	Location	Difficulty	Length	L/F/S/G
4/94	<i>Snake Dike</i> , Half Dome	Yosemite, CA	5.7	6 pitches	F
10/95	<i>SE Buttress</i> , Cathedral Peak	Yosemite, CA	5.5	5 pitches	S
10/95	<i>Jog Route</i> , Lamb Dome	Yosemite, CA	5.7	4 pitches	S
3/96	<i>Cat in the Hat</i>	Red Rocks, NV	5.7	4 pitches	S
3/96	<i>Tunnel Vision</i>	Red Rocks, NV	5.6	6 pitches	S
3/96	<i>Lotta Balls</i>	Red Rocks, NV	5.8	4 pitches	S
3/96	<i>Solar Slab</i>	Red Rocks, NV	5.6	14 pitches	S
5/96	<i>Dry Run</i> , Chimney Rock	Sequoia NF, CA	5.6	3 pitches	F
5/96	<i>SW Corner</i> , Chimney Rock	Sequoia NF, CA	5.6	3 pitches	F
10/96	Penstemon Dome	Courtright, CA	5.6	5 pitches	L
10/96	Higher Cathedral Spire	Yosemite, CA	5.9	3 pitches	F
4/20/97	<i>Munginella</i>	Yosemite, CA	5.6	3 pitches	L
5/20/97	<i>Cinnamon Slab</i>	Smith Rock, OR	5.6	2 pitches	S
5/21/97	<i>Spiderman</i>	Smith Rock, OR	5.7	2 pitches	S
5/21/97	<i>Bunny Face</i>	Smith Rock, OR	5.7	2 pitches	L
10/2/99	<i>Eclipsed Arete</i> , Temple Crag	Sierra Nevada, CA	5.3	10 pitches	F
10/3/99	<i>Moon Goddess Arete</i> , Temple Crag	Sierra Nevada, CA	5.8	10 pitches	F
11/11/00	<i>Lotta Balls</i>	Red Rocks, NV	5.8	3 pitches	F
11/11/00	<i>Black Magic</i>	Red Rocks, NV	5.8	3 pitches	L
11/13/00	<i>Geronimo</i>	Red Rock, NV	5.7	3 pitches	S
11/15/00	<i>Dislocation Direct</i>	Granite Mountain, AZ	5.6	2 pitches	S
11/15/00	<i>Green Horns</i>	Granite Mountain, AZ	5.6	3 pitches	S
11/16/00	<i>Razor's Edge</i> , The Hand	Superstitions, AZ	5.6	2 pitches	S
11/17/00	<i>The Long Lead</i> , Bark Canyon	Superstitions, AZ	5.8	4 pitches	S
11/18/00	Baboquivari Peak	Baboquivari Mtns, AZ	5.6	10 pitches	S
11/30/00	<i>What's My Line?</i>	Cochise Strghold, AZ	5.6	3 pitches	S
6/7/01	Dogtooth Peak	Courtright, CA	5.8	4 pitches	S
9/25/01	<i>The Dappled Mare</i> , Lost Horse Wall	Joshua Tree, CA	5.8	3 pitches	L
9/25/01	<i>Tranquility</i> , Moosedog Tower	Joshua Tree, CA	5.6	3 pitches	L
9/29/01	<i>Tranquility</i> , Moosedog Tower	Joshua Tree, CA	5.6	3 pitches	F
10/23/01	<i>North Overhang</i> , Intersection Rock	Joshua Tree, CA	5.9	2 pitches	F

★ NOTE: In addition to the multi-pitch climbs documented in this resume, I have managed numerous Top Rope Sites, primarily for the Stanford Outdoor Education Program and Pacific Crest Outward Bound School courses and rock camps.

RIVER TRAININGS

Dates	River	Run	Difficulty	Craft	My Role
5/13-5/15/97	Deschutes, OR	Mecca to Sandy Beach	Class 4	Paddle	Trainee, PCOBS New Staff Training
5/26-5/31/97	Deschutes, OR	Mecca to Sandy Beach	Class 4	Paddle/Row	Trainee, PCOBS Whitewater Intensive
5/20-5/24/98	Deschutes, OR	Mecca to Sandy Beach	Class 4	Paddle/Row	Trainee, PCOBS Whitewater Intensive
9/4-9/11/98	Lower Salmon, ID	Vinegar Creek to Pine Bar	Class 3	Kayak/Row	Participant, PCOBS Staff Expedition
4/30-5/6/99	Owyhee, OR	Rome to Leslie Gulch	Class 3/4	Paddle cat	Trainee, PCOBS Site Management

PROFESSIONAL RIVERS

Dates	River	Run	Difficulty	Craft	My Role
6/7-6/13/98	Deschutes, OR	Mecca to Deschutes St. Park	Class 4	Paddle/Row	Instructor, PCOBS Course
7/18-7/24/98	Deschutes, OR	Mecca to Deschutes St. Park	Class 4	Paddle/Row	Instructor, PCOBS Course
8/10-8/15/98	Deschutes, OR	Mecca to Beavertail	Class 4	Paddle/Row	Instructor, PCOBS Course
7/11-7/18/99	Lower Salmon, ID	Hammer Creek to Heller Bar	Class 4	Paddle cat/ kayak	Instructor, PCOBS Course
8/7-8/13/99	Deschutes, OR	Mecca to Deschutes St. Park	Class 4	Paddle/Row	Instructor, PCOBS Course
9/7-9/14/99	Lower Salmon, ID	Hammer Creek to Heller Bar	Class 4	Paddle cat/ kayak	Instructor, PCOBS Course
7/12-7/18/00	Lower Salmon, ID	Hammer Creek to Heller Bar	Class 4	Paddle cat	Instructor, PCOBS Course
7/29-8/5/00	Lower Salmon, ID	Hammer Creek to Heller Bar	Class 4	Paddle cat	Instructor, PCOBS Course
8/14-8/21/00	Lower Salmon, ID	Hammer Creek to Heller Bar	Class 4	Paddle cat	Instructor, PCOBS Course
9/25-10/1/00	Lower Salmon, ID	Hammer Creek to Heller Bar	Class 4	Paddle cat	Instructor, PCOBS Course

PERSONAL RIVERS

Dates	River	Run	Difficulty	Craft	My Role
6/3-6/4/99	Deschutes, OR	Mecca to Maupin	Class 4	Row	Personal trip
7/24-7/26/00	Selway, ID	Paradise to Selway Falls	Class 4	Kayak	Personal trip
8/9/2000	Payette, ID	South Fork Staircase and Main	Class 3	Kayak	Personal trip
8/12/00	Payette, ID	North Fork Carboton	Class 3	Paddle cat/ kayak	Personal trip
4/4-4/8/01	Green, UT	Mineral Bottom to Confluence	Class 1/2	Kayak/Row	Personal trip
4/8-4/10/01	Colorado, UT	Cataract Canyon (8000 cfs)	Class 4-	Kayak	Personal trip