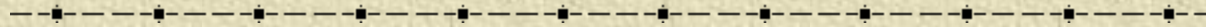
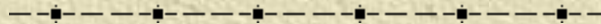


Standards in Outdoor Recreation



Sue Lowley

Theran Fisher



Standards in Outdoor Recreation

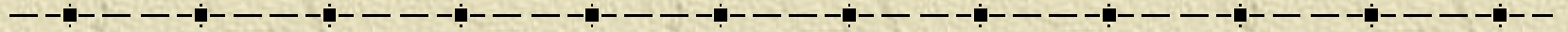
✦ Standards as a risk management tool

✦ Identifying and assessing risk

✦ Review of current standards

✦ Developing standards

Identifying Risk



Mt Lafayette, NH

March 21, 2004





Know where you're going
and what weather to expect

Assessing Risk

✦ Real vs. Perceived Risk

- ✦ We over-react to intentional actions, and under-react to accidents, abstract events, and natural phenomena.
- ✦ We over-react to things that offend our morals.
- ✦ We over-react to immediate threats and under-react to long-term threats.
- ✦ We under-react to changes that occur slowly and over time.



Existing Standards

✦ Review the curricula available

✦ **Wilderness Education Association**

WEA's 18-Point Curriculum

- ✦ Decision Making and Problem Solving
- ✦ Leadership
- ✦ Expedition Behavior and Group Dynamics
- ✦ Environmental Ethics
- ✦ Basic Camping Skills
- ✦ Nutrition and Rations Planning
- ✦ Equipment and Clothing Selection / Use
- ✦ Weather
- ✦ Health and Sanitation
- ✦ Travel Techniques
- ✦ Navigation
- ✦ Safety and Risk Management
- ✦ Wilderness Emergency Procedures and Treatment
- ✦ Natural and Cultural History
- ✦ Specialized Travel / Adventure Activity
- ✦ Communication Skills
- ✦ Trip Planning
- ✦ Teaching, Processing and Transference

Existing Standards

✦ Review the curricula available

- ✦ Wilderness Education Association

- ✦ **The National Outdoor Leadership School**

NOLS' Core Curriculum

- ✦ Leadership
- ✦ Outdoor Skills
- ✦ Environmental Studies



<http://www.nols.edu/>

Existing Standards

✦ Review the curricula available

- ✦ Wilderness Education Association
- ✦ The National Outdoor Leadership School
- ✦ **Outward Bound**

OB's Four Pillars

✦ Physical Fitness

✦ Compassion

✦ Craftsmanship

✦ Self-Reliance



**Outward Bound
Wilderness**

<http://www.outwardbound.org/>

Existing Standards

✦ Review the available curricula

- ✦ Wilderness Education Association

- ✦ The National Outdoor Leadership School

- ✦ Outward Bound

- ✦ **Leave No Trace**

Leave No Trace

<http://lnt.org/>

-
- ✦ Plan Ahead and Prepare
 - ✦ Travel and Camp on Durable Surfaces
 - ✦ Dispose of Waste Properly
 - ✦ Leave What You Find
 - ✦ Minimize Campfire Impacts
 - ✦ Respect Wildlife
 - ✦ Be Considerate of Other Visitors

Existing Standards

✦ Review the available curricula

- ✦ Wilderness Education Association
- ✦ The National Outdoor Leadership School
- ✦ Outward Bound
- ✦ Leave No Trace
- ✦ **American Mountain Guide Association**

AMGA - <http://www.amga.com/>

- ✦ Base on International Mountain Guide Standards
- ✦ Top Rope Site Manager
- ✦ Rock Guide
- ✦ Rock Instructor
- ✦ Alpine guide
- ✦ Ski Mountaineering Guide



Existing Standards

✦ Review the available curricula

- ✦ Wilderness Education Association
- ✦ The National Outdoor Leadership School
- ✦ Outward Bound
- ✦ Leave No Trace
- ✦ American Mountain Guide Association
- ✦ **American Canoe Association**

ACA <http://www.americancanoe.org/>



✦ Paddlesport Education

✦ Stewardship

✦ Paddlesport Recreation

Existing Standards

✦ Review the available curricula

- ✦ Wilderness Education Association
- ✦ The National Outdoor Leadership School
- ✦ Outward Bound
- ✦ Leave No Trace
- ✦ American Mountain Guide Association
- ✦ American Canoe Association
- ✦ **Climbing Wall Association**

CWA <http://climbingwallindustry.org/>

“The Climbing Wall Association is the standard setting organization for the manufactured climbing wall industry. The CWA develops standards in two key areas: standards for the design and engineering of manufactured climbing structures and operational standards for climbing facilities.”



Existing Standards

✦ Review the available curricula

- ✦ Wilderness Education Association
- ✦ The National Outdoor Leadership School
- ✦ Outward Bound
- ✦ Leave No Trace
- ✦ American Mountain Guide Association
- ✦ American Canoe Association
- ✦ Climbing Wall Association
- ✦ Professional Ropes course Association

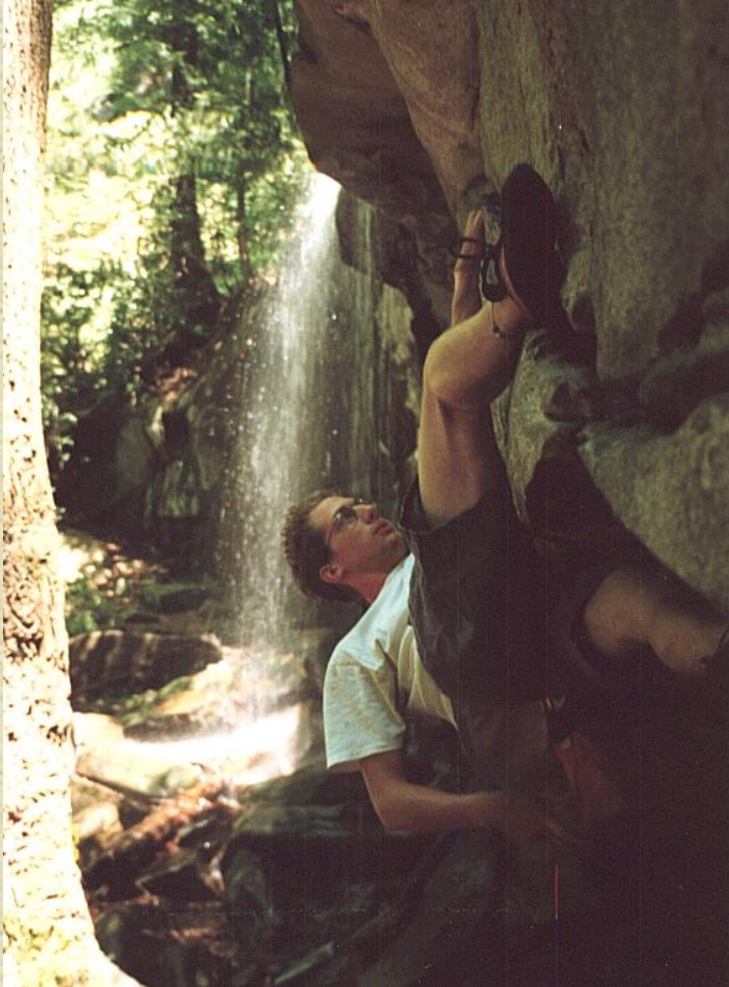
Professional Ropes Course Association

<http://www.prcainfo.org/>

- ✦ The PRCA has produced ropes course standards which have been peer reviewed, received engineer endorsements through associated vendors, incorporate break test data, and written in a practical sense for program operational use. These standards also incorporate numerous diagrams to assist in content explanation.



Why Are Standards Important?



- ✦ Risk management
- ✦ They provide consistency
 - ◆ Staff Development
 - ◆ Program Delivery
 - ◆ Program Growth

Developing Standards

✦ Climbing Walls and Equipment Centers

- ✦ Review Industry Standards
- ✦ Peer Institutions & Facilities
- ✦ Review Mission & Philosophy Statements

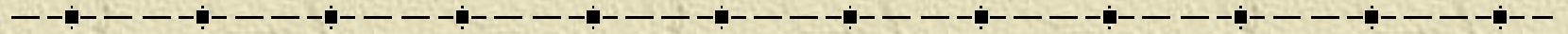
Developing Standards

✦ Trip Programs

- ◆ Area of variation
- ◆ Often institution & area specific
- ◆ Highly personalized

✦ Our personal experiences

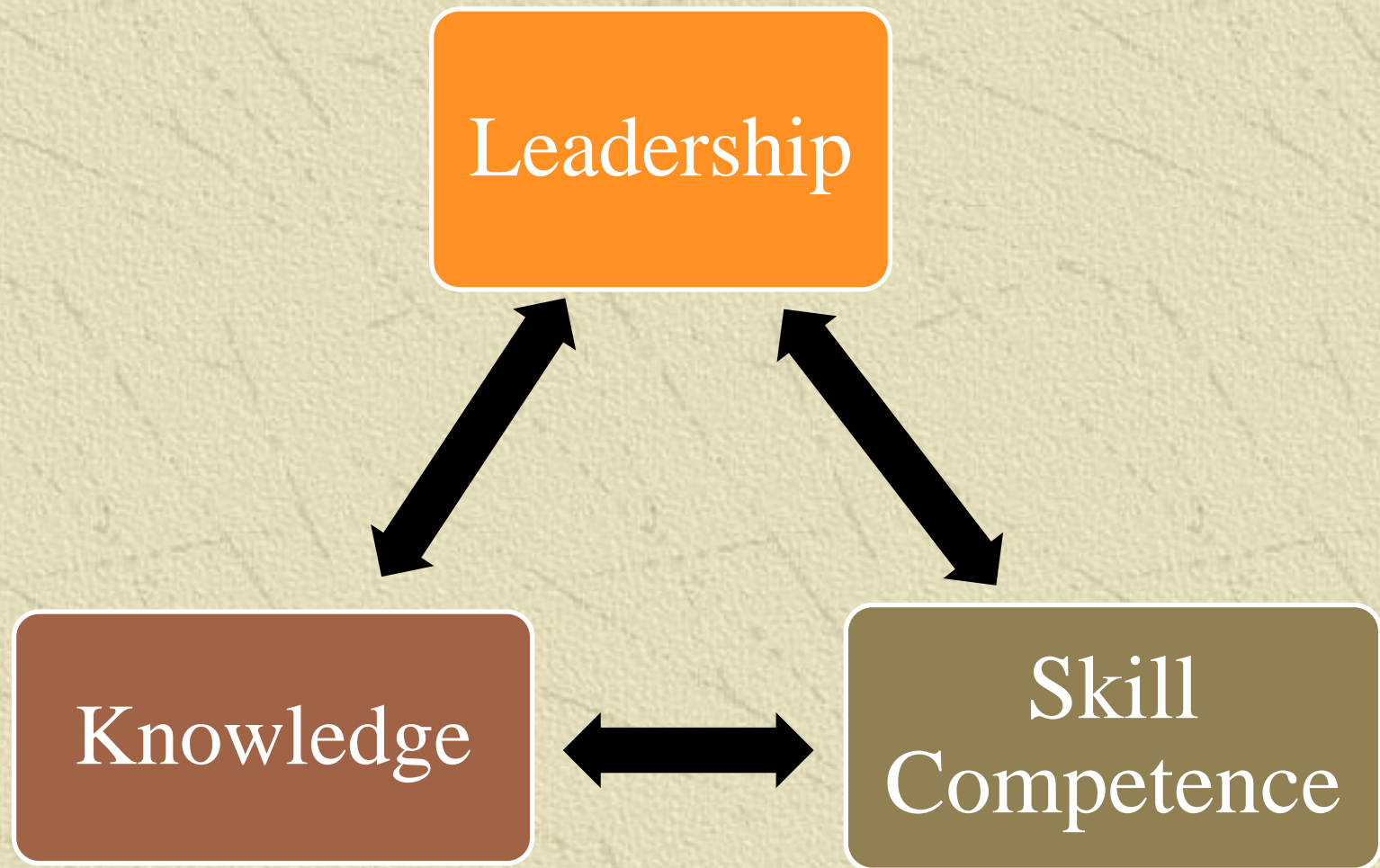
Developing Standards



✦ Staff Development



Staff Development



Leadership



- ✦ Situational
- ✦ Decision making
- ✦ Group dynamic
- ✦ Motivation
- ✦ Planning

Knowledge

- ✦ Hazard Identification
- ✦ Risk Management
- ✦ Wilderness Medicine



Knowledge

Wilderness Medicine

- ✦ Wilderness First Aid - 16 hours
- ✦ Wilderness First Responder – 72 hours

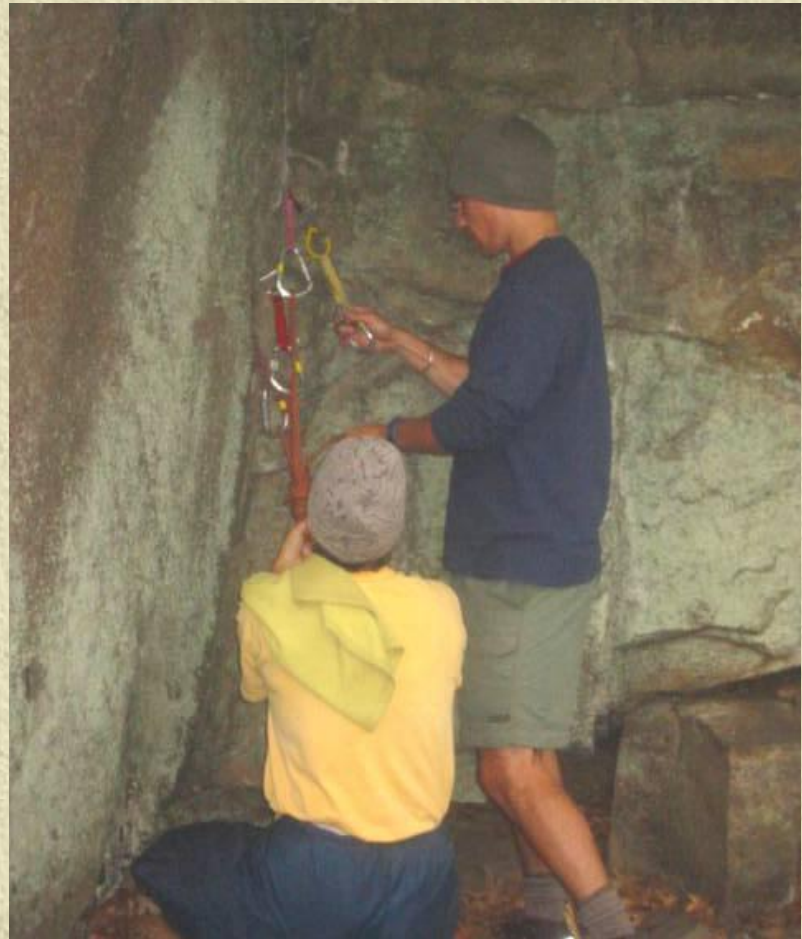


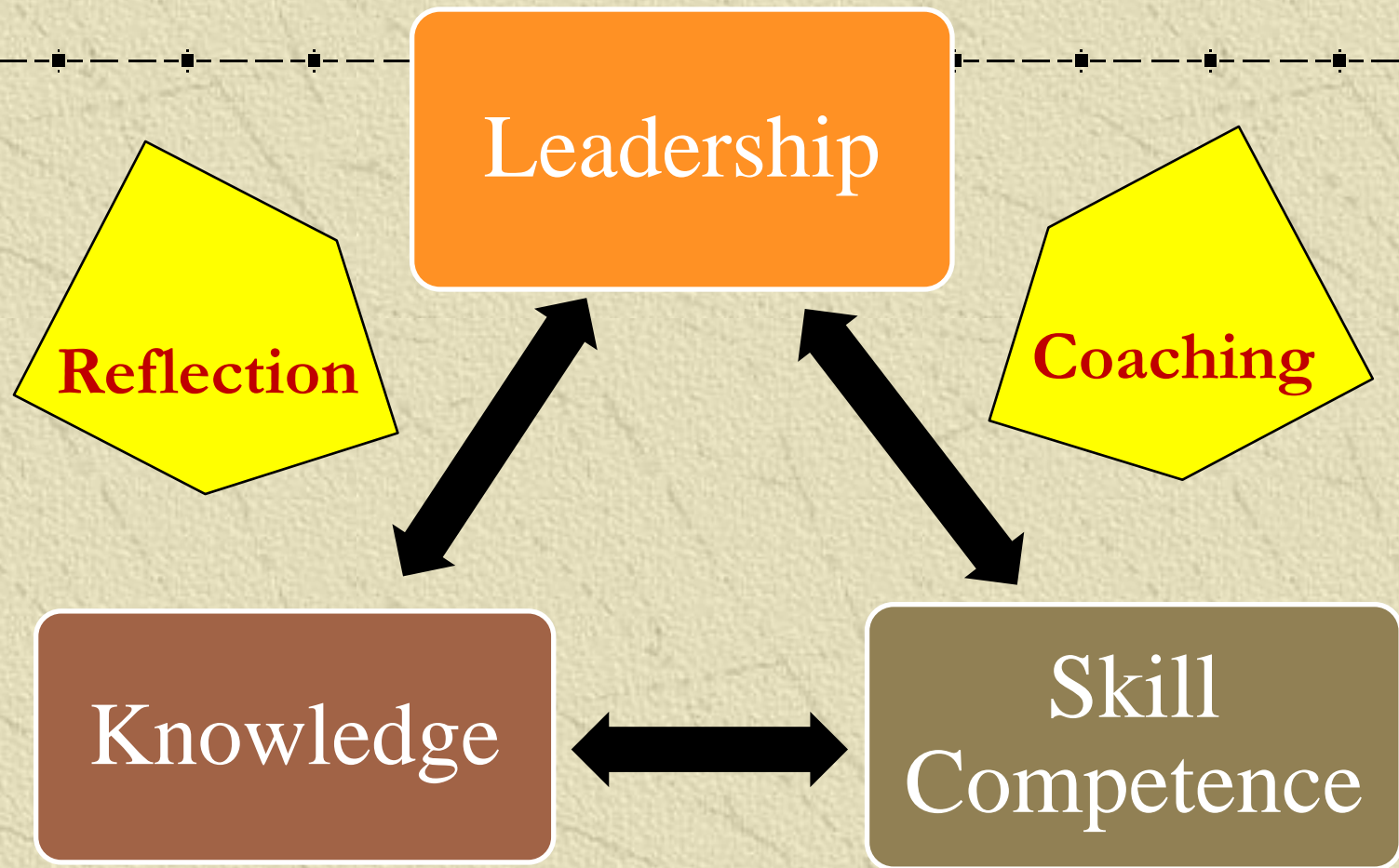
MOCK MEDICAL

Skill Competence

✦ Activity Skills

✦ Teaching Skills





Questions?



Get Out There!

