

Abraham "Bram" Role

University of Wyoming Dept. of Geology and Geophysics
Dept. 3006
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Education: **University of Wyoming** – Laramie, WY
PhD Graduate Student (*currently enrolled*)
Department of Geology and Geophysics
Advisor: Dr. Kenneth W W Sims
PhD in Isotope Geochemistry – Expected Date: 5/2017

Western Washington University - Bellingham, WA
Bachelor of Science March 2003
Major: Geology

Honors: Cum Laude
Undergraduate Honors (President's List) 1998-2003

Certifications: Wilderness First Responder (1999, 2002, 2004, 2006, 2009, 2010, 2013 -
Current)
American Heart Association CPR (yearly, 2006, 2010, 2013 - Current)
Coconino County Food Handlers (2009, 2012 - Current)
Swiftwater Rescue Training (1998, 2005, 2011, 2012- Current)
American Avalanche Inst. Level 1 Avalanche (1997, 2007, 2010 – Current)

Work Experience:

Graduate Teaching Assistant: Fall 2013 - present

Employer: University of Wyoming Department of Geology and Geophysics

Instructor of Mineralogy Lab

Activities:

- Instruct Mineralogy Lab
- Supervise Mineralogy Lab
- Provide additional instruction and support
- Provide any necessary assistance to lead Professor / Instructor

Professional River Guide 1997-present (summers)

Employer: O.A.R.S. / Dories Inc.

multi-day whitewater river trips

Idaho: Middle Fork Salmon, Main Salmon, Lower Salmon, Hells Canyon
Oregon: Owyhee, Grand Ronde, Hells Canyon
Utah: Yampa, Gates of Lodore, Cataract Canyon, San Juan
Arizona: Grand Canyon

Activities:

- Trip Leader
- Provide a wonderful wilderness experience with emphasis on safety and fun on 3-18 day river trips
- Major focus on family oriented trips: responsibility, safety, education, entertainment and fun with children of all ages
- Provide interpretive information: history, geology, flora, fauna, Native American lore
- Administer First Aid in backcountry medical emergencies
- Prepare breakfast, lunch, and dinner and clean up for up to 37 participants
- Provide great positive mental attitude towards guests and fellow guides
- shop work: boat building / repair, carpentry, painting

Professional Swiftwater Rescue Training Instructor (2012 – present)

Employer: Swiftwater Safety Institute
Instructor of Swiftwater Rescue Training (SRT) courses
Idaho, Utah, Arizona, Alaska

Activities:

- Instruction and proficiency in the Swiftwater Safety Institute - Swiftwater Rescue Training (SRT) curriculum which includes:
 - Identifying River Hazards
 - Rescue Philosophy/Liability
 - Self Rescue
 - Tethered Swimmers / Contact Rescues
 - Throwbag Deployment - Boat Based / Shore Based Rescues
 - Strainer Swimming
 - Shallow Water Crossings
 - Foot and Body Entrapment
 - Knots
 - Boat Pins
 - Mechanical Advantage and Technical Rope Systems
 - Quick, Smooth, Effective Rescue Technique
- Instruction and proficiency in the Packraft Specific SRT

- Professional Outreach and Marketing Manager of the Swiftwater Safety Institute

Biological Field Technician and Authorized Biologist / Biological Monitor for Desert Tortoise (*Gopherus agassizii*) research in the Mojave Desert (2007 – present (spring / fall))

Employer: Abraham Role (Self-employed / Sole Proprietor, Subcontractor)
Desert Tortoise focused Biological Consulting
 California, Nevada, Arizona

Activities:

Biological Field Technician:

- Lead, and/or participate in field surveys in compliance with current protocols of the U.S. Fish and Wildlife Service and the Desert Tortoise Council
- Conduct Line Distance Monitoring surveys in compliance with current protocols of the U.S. Fish and Wildlife Service
- Operate radio telemetry equipment for monitoring and observation of Desert tortoises
- Proficiency in use of GPS for surveying, monitoring, navigation and data collection
- Handling experience and authorization (see below – *Permits / Authorization*) for the following activities: independently capture, mark, weigh, measure, observe, rehydrate, sex, attach and remove radio transmitters, and release desert tortoises
- Knowledge of Mojave Desert flora, fauna, and ecology

U.S. Fish and Wildlife Service approved Authorized Biologist / Biological Monitor:

- Conduct Pre-construction clearance surveys in compliance with current protocols of the U.S. Fish and Wildlife Service, the BLM, any state Game and Fish agencies, and any project specific mitigation measures
- Excavate Desert Tortoise Burrows using current protocols of the U.S. Fish and Wildlife Service and the Desert Tortoise Council

- Handle and relocate Desert Tortoises under project specific guidelines
- Construct Artificial Desert Tortosie Burrows
- Monitor Construction Activities and oversee project compliance
- Desert Tortoise Fencing installation and inspection

** For detailed information about specific work experience and project participation / involvement, please see: Abraham Role - Curriculum Vitae (upon request)*

Permits / Authorization:

- U.S. Fish and Wildlife Service: TE-102235-3
- U.S. Fish and Wildlife Service : FWSDTRO-0
- U.S. Fish and Wildlife Service : TE-195280-0
- (Amendment to TE-195280-0: List of Authorized Individuals)
- U.S. Fish and Wildlife Service : TE-195280-1
- Arizona Game and Fish Department : SP 551757
- State of Nevada Department of Wildlife :S 32293

*** for more detailed and up-to-date information on permit authorizations please see Desert Tortoise Qualifications (upon request)*

Craftsman, Cabinet Builder winter 2007

Employer: Montana Woodcraft (Kuubits Elliot)
Custom cabinet building and installation
 Whitefish, MT

Activities:

- Custom wood working, cabinetry
- Installation of custom cabinetry

Teaching Assistant WWU Geology Field Course (2005)

Employer: Western Washington University, Geology Department
Teaching Assistant under Liz Schermer, PhD
 Washington, Californian, Utah, Nevada, Arizona

Activities:

- Instruction associated with geologic field methods / skills for Bachelor of Science undergraduate students

- Proficiency in geologic field methods and techniques
- Instruction and proficiency in geologic mapping
- Extensive map work
- Grading
- Driving 14 passenger vans

Outdoor Center Staff / Technician 2000-2003

Employer: Western Washington University Associated Students Outdoor Center
Outdoor Center Staff
 Bellingham, WA

Activities:

- Outdoor gear rental (skiing, snowboarding, mountaineering, hiking, kayaking)
- Outdoor gear retail
- Cashier
- Provide knowledge of local outdoor recreational opportunities / conditions
- Fix, tune, organize gear

"Houseman" 1997-1998, 2004-2005 (winters)

Employer: Alta Peruvian Lodge
Lodge Staff
 Alta, UT

Activities:

- Customer Service
- Bell Hop
- Custodial
- Laundry services
- Firewood Chopping / Hauling
- General helper

References:

Curt Chang (O.A.R.S./ Dories - manager) (208)743-4201
Eric Riley (Owner / Manager Swiftwater Safety Institute) – (307) 200-1959
John Hillman (John Hillman Construction Inc. – Owner) (503) 322-2026
Nick Grimes (Professional River Guide) (307) 690-6444

additional: Available Upon Request