

A. RYAN HAESELEY



EDUCATION

Jul 06 – Jun 07 Victoria University of Wellington Wellington, NZ
Postgraduate diploma of arts in religious studies received Sep. 2007

- Baccalaureate status granted *ad eundum gradum* on the basis of prior study and research

Aug 99 – Jan 01 Earlham College Richmond, IN, USA
Bachelor of arts in ethnoecology

Bachelor of arts in comparative languages

- Left the program when awarded a Howard Hughes Medical Institute grant for epidemiological research on *pulque* consumption, maternal nutrition, and heavy-metal contamination in México's Solis Valley

Aug 99 – May 01 Vincennes University Richmond, IN, USA
Associates of science in environmental science

- Attended while enrolled in high school
- Transferred to Earlham College upon graduation

WORK EXPERIENCE

May 11 - QualityGal.com Clifton Park, NY, USA
Freelance health writer

Apr 11 - Conjecture Corporation Sparks, NV, USA
Freelance sports and fitness writer

Mar 11 - Skyword Boston, MA, USA
News writer

Jun 10 - Demand Media Studios Santa Monica, CA, USA
Freelance copywriter

Apr 10 - Apr 11 27Crag.com Jyväskylä, Finland
Company representative and outdoor sports blogger

Jan 10 - Mar 11 Student Network Resources Manalapan, NJ, USA
Technical and academic writer

Jul 09 - Nov 09 Cape Ann Tree Service Essex, MA, USA
Tree Surgeon

- Climbing, rigging, arbor care, and heavy equipment operation.

Apr 08 - Mar 09 The Climber Quarterly Christchurch, New Zealand
Contributor

Apr 08 - Mar 09 NZ Alpine Journal Christchurch, New Zealand
Contributor

Aug 07 - Apr 09 The Legendary Blackwater Rafting Co.
Adventure cave streamway guide Waitomo, New Zealand

- Responsible for the health, safety, and entertainment of groups of clients on adventure trips through a cave streamway
- Use non-directive learning techniques to encourage leadership and engagement among class members during school caving expeditions
- Participate in cave search and rescue operations
- Driving fifteen passenger vans

Oct 07 - Dec 07 Private contractor
Outdoor adventure instructor Wharepapa South, NZ
Responsible for student and private groups using facilities available at Wharepapa South

- Set up, operated, and supervised technical activities including top rope climbing, abseiling, and zip line elements for our clients.

Apr 2005 - Jun 2006 Hangdog and Top Adventures, Ltd.
General manager Lower Hutt, New Zealand

- Responsible for management of staff, finances, retail storefront, merchandising, product development, facility safety and maintenance, and the administration of secondary school unit standard assessments

Feb 2004 - May 2004 International Trust for Traditional Medicine
Research Coordinator Kalimpong, WB, India

- Managed trust activities, finances, orders, payroll, administration, and the coordination of local staff and international volunteers on ITTM projects
- Compiled a growing digital database for Himalayan medicinal plants of over five hundred important species, including colloquial names in eight languages, phytochemistry, history of use, and taxonomic characteristics
- Supported visiting researchers in making local contacts with healers and ritual specialists in the region
- Expanded the collections for the ITTM medicinal plant project

Mar 03 - Dec 03 self-employed
Caregiver Berkeley, CA, USA

- Live-in caregiver for two students with quadraplegia
- Caregiver, driver, and dietitian for a client living in Section-8 housing

Spring semester 2002 Earlham College
Lecturer Richmond, IN, USA

Planned, coordinated, and co-taught *Introduction to the Vertical World*, helping students learn the skills needed to be comfortable abseiling, aid ascending, top-roping indoors and out, anchor building, and navigating a high ropes environment. One semester course

COURSE AIMS

- Cultivating self-confidence, a spirit of adventure, and a life-long safety habit

Fall semester 2001 Earlham College
Lecturer Richmond, IN, USA

Planned, coordinated, and taught *Introduction to Rock Climbing*, introducing students to recreational rock climbing. Students learned belaying, basic knots, indoor top-rope and lead climbing, and safe bouldering. One semester course

COURSE AIMS

- Engaging each student at their skill level by routes purpose-designed for the course

Sep 01 - Dec 02 Earlham College Research Greenhouse
Manager/general staff Richmond, IN, USA

- Used underutilized discretionary funds to renovate the facility and create a threatened endemic species germplasm preservation section

2000-2001 Kokoro
Owner, therapist Corydon, IN, USA

- Provided lifestyle counseling for clients that affected by severe mental and emotional trauma

1998-2001 Harmony & Health
Associate Corydon, IN, USA

- Provided lifestyle, dietary, and integrative medical counseling to clients

1995-1997 Actor's Theatre of Louisville
Actor Louisville, KY, USA

- A company regular , playing major roles in several productions including the premiere of *Shadowlands*

CERTIFICATION AND OCCUPATIONAL REGISTRATION

Wilderness First Aid/CPR certification	<i>Peak Safety®</i>	<i>04/01/12</i>
Wilderness First Responder certification	<i>Peak Safety®</i>	<i>04/30/12</i>
Cave Instructor, Level II	<i>New Zealand Outdoor Instructors' Association</i>	
Cave Streamway Guiding Award	<i>Sports, Fitness, Recreation, and Industry Training Organisation</i>	

AWARDS AND AFFILIATIONS

2001 – BONNER SCHOLAR, CORELLA & BERTRAM F. BONNER FOUNDATION

For commitment to public and community service

2003 – HOWARD HUGHES MEDICAL INSTITUTE GRANT

For research into health implications of *pulque* consumption, nutrition and heavy-metal contamination in México's Solis Valley

2003 -- PLOWSHARES GRANT, LILLY ENDOWMENT

For new research in indigenous bio-cultural diversity

LANGUAGES

Proficient: Nepali

Literate: Spanish, French

One or more years of study, although not currently conversant:
Mandarin, Japanese, Quechua, and Arabic (Classical, Iraqi, & Egyptian)

PUBLIC POLICY AND ORGANISATIONAL EXPERIENCE

October 2003 – December 2003

- Traveled to the SF Bay Area to intern with a Catholic Worker House, providing services to young, homeless, injection drug using sex workers. I began working shortly after as the national field director for a subsidiary of Social and Environmental Entrepreneurs. During that time, I also served as a steering committee member for a LGBT youth volunteer-coordination non-profit and volunteered with Sex Workers' Outreach Project.

November 2002 – November 2003

- Served as *locum tenens* national board member for Students for Sensible Drug Policy, working towards a research-based, treatment-not-incarceration approach to drug policy

January 2002 – September 2002

- Served as media director and financial manager for the Student Action Coalition, a 501(c)4 I co-founded to respond to the Souder provision of the Higher Education Act. This act denies federal financial aid for higher education to students with drug convictions, restricting access to one of the best avenues to recovery to the nation's poorest. We produced a voter education television campaign and organized student protests around Rep. Souder's re-election campaign.

December 2000 – May 2001

- Worked as the volunteer youth leader of the Gerdon Youth Center's rock climbing team, coaching aspiring climbers and motivating the experienced to engage and mentor new enthusiasts.

SEMINARS AND LECTURES

Selected seminars

- *Indigenous medicinal plants of the Sikkim Himalaya*

Taught in Kalimpong, India as a guest lecturer for Pitzer College, Centre for Intercultural & Language Education, Claremont, CA, USA (2004)

- *Admixture plants of marca, Himalayan mixed-fermentation starter culture*

Presented at the 1st Medical and Social Anthropology of Sikkim and Darjeeling Seminar at the International Trust for Traditional Medicine, Kalimpong, WB, India (2004)

- *Wildcrafting: an introduction to identifying and preparing wild plant medicines*

A four week course taught predominantly in the field at Harmony & Health, Corydon, IN, USA (1999)

RESEARCH

September 2004 – December 2004 *medical anthropology – ritual studies*

- The history, law, faith, and cultural identity of the Yakthumba is preserved in the *mundhum*, a liturgy recited by ritual specialists at birth, marriage, death, illness, harvest, and other times of community significance. These often require one or more days to recite by rote in their entirety. Few contemporary youth,

however, are being called to the faith, and it is likely that most of the liturgy will be lost with the death of this generation of ritual specialists.

- Yakthumba scholar Buddhilal Khamdhak and I began recording and compiling recitations from important community rituals. Over thirty hours of the *mundhum* have been compiled and recorded so far, and digital copies held in a regional community centre, by the Kirat Yakthum Chumlung, and Sikkim Manipal University.

April 2004 – February 2005

ethnobiology

- For most of a year, I worked with the manufacturers and traders of the mixed-fermentation starter culture *mārcā* in Sikkim, Darjeeling, and Nepal.
- The focus of my work was on how changes in what are considered desirable organoleptic qualities in fermented foods, brought about increasing urbanisation, are increasing harvesting pressures on select wild plant catalysts.
- The adoption of a cash economy directly impacted the matrilineal knowledge transfer system. The ethnic monopoly on starter culture production was broken as other groups developed competing products.
- This paper was presented at the 1st Medical and Social Anthropology of Sikkim and Darjeeling Seminar at the International Trust for Traditional Medicine, Kalimpong, India (2004).

January 2004 – April 2004

ethnobotany – economics and linguistics

- My research in the Sikkim Gap was initially to be on the cross-border trade in medicines made from threatened and endangered species.
- I conducted several months of research on the topic, compiling a database of important trade plants and their trade names in six languages along with reference specimens, before it became clear that political obstacles would make it impossible to complete it.

January 2003 – February 2003

ethnobotany – epidemiology

- Dylan Oliver and I worked with Mazáhua, Otomí, and mestizo communities, doing preliminary research on the contemporary role of *pulque* (agave beer) in the Solis Valley of central México.
- We traced the source of heavy-metal contamination in *pulque* to leaching from containers treated with a locally-manufactured glaze. The potters have since decided to switch to a lead-free glaze.
- We discovered that *pulque* is the only dietary source of (neural tube defect-preventing) folate available to pregnant Otomí mothers. This information was used to inform policy makers

targeting indigenous *pulque* consumption during pregnancy.

- In 2004, our research was replicated by J R Backstrand, A H Goodman, L H Allen, and G H Pelto. The authors favor a top-down public health management approach as opposed to one utilizing local knowledge and resources.

September 2002 – December 2002

biochemistry

- I devised a novel and economical method of isolation, extraction, and radiocarbon enrichment of the *trans*-neoclerodane diterpenoids *salviarin* and *splendidin* from *Salvia splendens* for future radiolabeling studies after PharmaScreen assays showed probable near-perfect *k*-opioid receptor site bonding affinity.
- This work makes future drug discovery research with these molecules much more practical. In the future, related compounds targeting these receptor sites may provide safe and effective treatments for perceptual disturbances associated with schizophrenia.

May 2002 -- July 2002

cultural anthropology

- North American long-haul truck drivers live day-to-day with very little human interaction. Over three months, I traveled with female, black, lesbian, and gay truckers to see what strategies they used to negotiate stigma and their experiences of isolation within a dominantly straight, white male occupational community.

LOGGED TIME SPENT LIVING OUTSIDE FULL TIME

- Mar 10 - Sep 11 Red River Gorge (KY), North Conway (NH), The Needles (SD), Spearfish Canyon (SD), Victoria Canyon (SD), Rushmore (SD), Ten Sleep Canyon (WY), Fremont Canyon (WY), Wild Iris (WY), Vedauwoo (WY), Sweetwater (WY), Eldorado Canyon (CO), Clear Creek Canyon (CO), Smith Rock (OR), Trout Creek (OR)
- Nov 09 - Nov 10 El Potrero Chico (MX), El Salto (MX), Puente de Dios (MX), Red Rock (NV), Indian Creek (UT), Trout Creek (OR), Smith Rock (OR), Yosemite (CA), Squamish (CA), Red River Gorge
- Nov 08 - Jul 09 Red River Gorge (KY), New River Gorge (WV), Rumney (NH), Cannon (NH), Sundown (NH), Pawtuckaway (NH)
- Dec 06 - Feb 07 Wilderness survival solo (NZ), Southern Alps (NZ)
- Dec 05 - Jul 05 Hampi (India)
- Jul 03 - Sep 03 Flagstaff Mt. (CO), Flatirons (CO), Arcata (CA)
- Mar 03 - Apr 03 Bishop (CA), Priest Draw (AZ), Joe's Valley (UT)
- Mar 02 - Sep 02 Smith Rock(OR), Squamish (BC)
- Aug 01 - Sep 01 Earlham College wilderness program, during which I was first introduced to consensus-based decision making, non-violence, Quaker conflict resolution strategies, non-directive experiential learning, and 'challenge by choice' teaching philosophy

REFERENCES

Van Watson (employer) Waitomo, New Zealand +64 (7) 878 6219
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Angus Stubbs (employer) Waitomo, New Zealand +64 (7) 878 6219