

Patrick Ryan

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PROFILE

My research interests are diverse and include intersections and coproductions of climate change, disturbance, forest ecology, land-cover/land-use change, human-environment interactions, social and environmental justice, and sustainable development. I bring a holistic and cross-disciplinary perspective using theory, literature, and empirics. I employ a multi-scalar lens to identify important questions, research gaps, and the greater implications of real-world conditions. My educational history is non-traditional and diverse, and I draw on my experience in search of real-world solutions always with sustainability in mind. An ongoing goal is to utilize my undergraduate education in geography, anthropology, and current graduate work in ecology to further scientific research. I am seeking more fieldwork experience to develop a better understanding of applied research practices used by experts in the field.

EDUCATION

Master's Degree, Ecology, M.S.	(Expected) December 2022 Graduation
Bachelor's Degree, Geography, B.S. Magna Cum Laude	December 2020 Graduation
<i>Colorado State University (CSU), Fort Collins, CO</i>	
- Fall 2018 – December 2020 (66 of 130 Credits Overall)	
- Anthropology Minor	
- GPA: 3.984/4.0	
Associates Degree in Science	December 2020 Graduation
<i>Front Range Community College, Fort Collins & Longmont, CO</i>	
- Fall 2016 – Spring 2018 (33 Credits)	
<i>Lane Community College, Eugene, OR</i>	
- Fall 2007 – Spring 2009 (25 Credits)	
<i>Santa Barbara City College, Santa Barbara, CA</i>	
- Fall 2002 – Spring 2006 (29 Credits)	
Senior High School Diploma	June 2002 Graduation
<i>San Marcos High School, Santa Barbara, CA</i>	

PROFESSIONAL HISTORY

*Note: Any gaps in employment should not be assumed as unemployed status.

Teller/New Accounts Assistant	October 2014 – August 2018
<i>Bank of Colorado, Estes Park, CO</i>	

- *General teller duties, responsibility and handling of large sums of US currency, new account processes, background checks, branch float duties as needed, accounts payable, supply ordering, branch technical support, account security and fraud prevention, customer service, upholding federal and corporate banking regulations, account research, basic loan operations, notary public, new employee training, general branch maintenance.*

Bar Manager and Lodge Maintenance

January 2017 – August 2017

Wild Basin Lodge, Allenspark, CO

- *Maintenance and to-code upkeep of two bars and historical lodge grounds, supply orders, budgeting and inventories, special event planning and coordination, security and theft prevention, food and beverage service, spirits and food to order.*

Branch Manager and Keyholder

September 2013 – February 2014

Top Dollar 4 Gold, Santa Barbara, CA

- *Inspecting, assessing, and verifying authenticity of precious metals for purchase, processing of purchased metals from five locations for later melting, customer service, maintenance of safe and welcoming storefront location, expense reports, record keeping for five locations.*

Preparation Cook and Sous Chef (in Training)

April 2011 – December 2012

Savory Thymes, Montecito, CA

- *Production and service of 3-meal per day and special event for campus students and staff, inventory control, menu planning, quality control, waste management, new employee training, kitchen and staff management, special diet liaison, use of commercial kitchen equipment, dish washing, maintenance of to-code kitchen environment.*

Hostel Reception and Security | Private English Teacher

May 2010 – November 2011

Lagares Hostel, Mendoza, Argentina

- **My time in South America included six months working hostel reception and giving private English lessons to three students in Mendoza, Argentina. Remaining five months were spent traveling Argentina, Chile, and Uruguay for cultural experiences.*

Crew Member with Managerial Duties

December 2003 – March 2010

Trader Joe's, Santa Barbara, CA (Two locations), Eugene, OR

- *Customer service, cashier duties, (re)merchandizing and product ordering (perishable and non-perishable) for warehouse storage and floor displays, product quality control, product research, food sample duties, store operations, daily scheduling, regular new employee training, managerial training, employee supervision, general store maintenance, general cleaning, use of powered and manual equipment loaders (jacks).*

NOTABLE UNDERGRADUATE PRESENTATIONS

Anth493: Fort Collins Homelessness Solutions: A deeper inquiry into homeless services and recent developments impacting a vulnerable population. CSU

May 2020

Anthropology and Geography Capstone Symposium, Online
GR481A3: *Urban Expansion of Puerto Montt, Chile*, Co-presentation. CSU
GR320: *Colonias: Slums in the United States*. CSU
Anth315: *Adapting to Climate Variability*. CSU

May 2020
December 2019
May 2019

NOTEABLE UNDERGRADUATE COURSEWORK

- Ryan, P.** (2020). Climate Assessment: Future temperature and precipitation models and the implications on quinoa (*Chenopodium quinoa Willd*) in its growing regions of Perú. *Unpublished*. Colorado State University.
- Hahner, S., Kowalski, A. and **Ryan, P.** (2020). Urban Expansion of Puerto Montt, Chile. *Unpublished*. Colorado State University.
- Ryan, P.** (2020). Fort Collins homelessness solutions: A deeper inquiry into homeless services and recent developments in housing one of the area’s most vulnerable population. *Unpublished*. Colorado State University.
- Ryan, P.** (2020). Possible Homeless Shelter/Campus Locations in Fort Collins. Geospatial Analysis of Land Availability and Planning of Homelessness Campus in Fort Collins City Limits. Mapping and Analysis Final Assignment for GR420-Spatial Analysis with GIS. *Unpublished*. Colorado State University.
- Ryan, P.** (2019). Report on changing climate conditions and forest adaptation strategies for Rocky Mountain National Park. *Unpublished*. Colorado State University.
- Ryan, P.** (2019). Migration and Subsistence Adaptations in a Changing Environment of the Horn of Africa. *Unpublished*. Colorado State University.

SCHOLARSHIPS & GRANTS

Colorado State Graduate Fellowship (\$700)	Awarded Spring 2021
Osher Re-Entry Scholarship (\$4,380)	Awarded Fall 2020
Myron Brown Ludlow Memorial Scholarship (\$4,000)	Awarded Fall 2020
Phi Theta Kappa Scholarship (\$4,000)	Awarded Fall 2018 – Spring 2020
Santa Barbara Scholarship Foundation (\$2,000)	Awarded Fall 2002

HONORS & AWARDS

Graduation Magna Cum Laude, CSU	December 2020
Dean’s List (5x) College of Liberal Arts, CSU	Fall 2018 – Fall 2020
Phi Theta Kappa National Honor Society	2018 – Present
Phi Kappa Phi National Honor Society	2021 – Present

CERTIFICATIONS, LANGUAGES, AND NOTABLE SKILLS

Notary Public, State of Colorado	2016 – Present
100-Hour TOEFL Certification Training	2010
Adult Literacy Training, Santa Barbara Public Library Public Workshop	2009
English (Native Speaker)	
Spanish (Intermediate Competency)	
- <i>Seven Years Primary Education, One Year Abroad (2010-2011)</i>	
Academic and Professional Level Written and Verbal Communication	
Computer Application Competency:	
- <i>Microsoft Office including Word, Excel, Publisher, and PowerPoint (Intermediate)</i>	
- <i>ESRI Products including ArcGIS Pro and ArcMap v.10.7 (Intermediate)</i>	
- <i>QGIS (Intermediate)</i>	
- <i>Google Earth Pro (Intermediate)</i>	
- <i>JMP Pro Analytics (Beginner)</i>	
- <i>NetLogo (Beginner)</i>	
- <i>Zotero Reference Organizer</i>	
- <i>Zoom and Microsoft Teams</i>	
- <i>70 words per minute (WPM) keyboard proficiency</i>	
- <i>13,800 keys per hour (KPH) 10-key proficiency</i>	

VOLUNTEERISM

Women Infants and Children (WIC) Big Latch-On Event Volunteer	2021
<i>Cheyenne, Wyoming WIC Location</i>	
Food Service and Warehouse Volunteer	2020
<i>Larimer County Food Bank, Loveland, CO</i>	
Blood Donor	2019
<i>UC Health Garth Englund Blood Center</i>	
General Event Volunteer	2019
<i>2019 Cheyenne, Wyoming Marathon, Cheyenne, Wyoming</i>	
General Fundraiser Event Volunteer	2017 – 2018
<i>Annual Estes Park Non-Profit Resource Center, Estes Park, CO</i>	
General Fundraiser Event Volunteer	2017
<i>Estes Valley Investment-Childhood (EVICS), Estes Park, CO</i>	
Interest-Free Microlender with Ongoing Reinvestment of Funds	2017 – Present
<i>Kiva.org</i>	
Food Service and Special Events Volunteer	2015 – 2016
<i>Estes Park Senior Center, Estes Park, CO</i>	
General Fundraiser Event Volunteer	2015
<i>Estes Valley Library Friends & Foundation Benefit Dinner, Estes Park, CO</i>	
Blood Donor	2001 – 2006
<i>Tri County Blood Bank, Santa Barbara, CA</i>	
- <i>40+ liters donated</i>	

ACADEMIC AND PROFESSIONAL MEMBERSHIPS

American Association of Geographers (AAG)	2019 – Present
Geography Club of Colorado State University	2019 – Present
Phi Theta Kappa Honor Society	2018 – Present
Phi Theta Phi Honor Society	2021 – Present