

# Kathleen McIntyre

## EDUCATION

### **Colorado State University**

PhD in Forest Sciences (GPA 3.95)

**Fort Collins, CO**

Successful Defense: September 2019

Graduation: December 2019

### **University of Michigan**

Master of Science in Environmental Policy (GPA 7.9)

**Ann Arbor, MI**

December 2010

### **University of Michigan**

Bachelor of Science in Environmental Science (GPA 3.5)

**Ann Arbor, MI**

May 2008

### **University of California-San Diego**

GIS Certificate of Completion

**Online**

September 2013

## PROFESSIONAL EXPERIENCE

### **Tahoe Regional Planning Agency**

Forest Health Program Manager

August 2019 to Present

Supervisor: Kim Caringer ([kcaringer@trpa.gov](mailto:kcaringer@trpa.gov))

**Stateline, NV**

- TRPA lead and collaborator in the Lake Tahoe West Restoration Partnership, a larger landscape, cross-jurisdictional restoration project on the west shore of Lake Tahoe.
  - TRPA lead in multiple sub-committees including core team, design team, environmental review, monitoring, and communication.
  - Co-facilitator for all sub-committees and overall project.
- Lead representative for the TRPA in all aspects of forest health and management within the Tahoe Basin.
- Updated the TRPA Code of Ordinances regarding vegetation health and management, which included working with partner agencies, legal, and various departments to identify areas where the code could be streamlined and updated for user friendliness.
- Working across divisions to begin process of updating Forestry Thresholds within the Basin.
- Project manager for the Taylor Tallac Aquatic Invasive Plants Restoration Project, which includes developing an RFP and proposed budget, coordinating contracts, permitting, implementation, public outreach, and monitoring.
- Lead facilitator for the Sustainable Recreation and Tourism Data Gathering Task Force, which includes facilitating monthly partner meetings, identifying short-term and long-term priorities for the group, facilitating agreement amongst partners, preparing agendas and notes, and identifying appropriate paths forward to achieve goals.

**Colorado State University****Fort Collins, CO**

Co-Instructor: NR 425: Sustainability and Forest Policy

January 2019 to May 2019

January 2018 to May 2018

Hours: 20 hours per week

Supervisor: Courtney Schultz (May be contacted): 406-529-4899

Email: [Courtney.schultz@colostate.edu](mailto:Courtney.schultz@colostate.edu)

- Co-taught course including development and design of syllabus, assignments, lectures, in-class activities, quizzes, and exams.
- Facilitated small group and large group discussions.
- Developed and applied knowledge of Forest Service policies, procedures, and statutory requirements regarding NEPA, NFMA, IRR, CFLRP, MUSYA.
  - Created and taught units on NEPA, NFMA, Collaborative Governance, State and Local Fire Policy, and Prescribed Fire.
  - Prepared well-researched and logically organized presentations.
- Responsible for grading and providing constructive feedback on course assignments including weekly reading summaries, midterm NEPA analysis papers, and final essays.

**Colorado State University****Fort Collins, CO**

Teaching Assistant: NR 320: Natural Resource History and Policy

August 2018 to December 2018

January 2017 to May 2017

Hours: 20 hours per week

Supervisor: Courtney Schultz (May be contacted): 406-529-4899

Email: [Courtney.schultz@colostate.edu](mailto:Courtney.schultz@colostate.edu)

- Provided support to Dr. Courtney Schultz in 200-student, lecture oriented course on natural resource history and policy.
- Created quizzes on various readings and units including water policy, NFMA, NEPA, range policy, collaborative governance, and mining policy.
- Graded major assignments including exams and final projects providing critical feedback.

**Colorado State University****Fort Collins, CO**

Instructor: NR 320: Natural Resource History and Policy

August 2017 to December 2017

Hours: 20 hours per week

Supervisor: Courtney Schultz (May be contacted): 406-529-4899

Email: [Courtney.schultz@colostate.edu](mailto:Courtney.schultz@colostate.edu)

- Taught natural resource history and policy.
- Applied professional knowledge of theories, concepts, and principles of public policy and natural resource management in the development of syllabus, assignments, lectures, in-class activities, quizzes, and exams.
- Created and taught units on NEPA, NFMA, MUSYA, the history and creation of the US Forest Service, the Taylor Grazing Act, the Hardrock Mining Law, water policy, and collaborative governance.
  - Prepares well-researched and logically organized presentations.
- Supervised teaching assistants.

**Colorado State University**

**Fort Collins, CO**

Graduate Research Assistant: Collaborative Forest Landscape Restoration Program (CFLRP)

May 2017 to May 2018

Hours: 20-40 hours per week

Supervisor: Courtney Schultz (May be contacted): 406-529-4899

Email: [Courtney.schultz@colostate.edu](mailto:Courtney.schultz@colostate.edu)

- Anticipated near-term, mid- and long-term strategic next steps in the research process and ensured coordination and integration of efforts.
- Developed and closely managed project work plan to sequence activities and work products.
- Conducted site visits and reviews in conjunction with the US Forest Service on CFLRP projects in USFS Regions 2, 5, and 6.
- Collected and summarized data from 89 interviews with external collaborators and internal agency staff on all 23 CFLRP projects focusing on benefits, challenges, next steps, and lessons learned under the program.
- Supervised and mentored undergraduate research assistant on interview protocols, data collection and analysis, and data management.
- Co-produced a technical report for the US Forest Service entitled: *Strategies for Success Under Forest Service Restoration Initiatives*
  - Available at: [http://ewp.uoregon.edu/sites/ewp.uoregon.edu/files/WP\\_81.pdf](http://ewp.uoregon.edu/sites/ewp.uoregon.edu/files/WP_81.pdf)
- Prepared well-researched and logically organized presentations for a variety of audiences including the US Forest Service-Washington Office and the 2017 SAF conference.
- Co-authored a book chapter on the CFLRP program entitled: *Policy Design to Support Collaborative Landscape Restoration: Lessons from the CFLRP*
  - Can be found in: Butler, W.H., & Schultz, C.A. (2019). A New Era for Collaborative Forest Management: Policy and Practice Insights from the Collaborative Forest Landscape Restoration Program. Routledge.
- Data from this project will be used for my dissertation including three lead authored peer-reviewed publications on collaborative governance, policy design to support collaboration, and collective learning on public lands.

**Colorado State University**

**Fort Collins, CO**

Graduate Research Assistant: Integrated Resource Restoration (IRR) Budget Line Item

May 2015 to September 2015

Hours 15 hours per week

Supervisor: Courtney Schultz (May be contacted): 406-529-4899

Email: [Courtney.schultz@colostate.edu](mailto:Courtney.schultz@colostate.edu)

- Assisted in a third-party review of the US Forest Service IRR budget line item in US Forest Service Regions 1, 3, and 4.
- Conducted interviews and focus groups with agency staff and collaborators to assess benefits and challenges under the pilot program.
- Co-produced a technical report for the US Forest Service entitled: *A Third-Party Evaluation of the IRR Pilot: Report from Phase 3: Stakeholder Outreach and Engagement*
  - Available at: [http://ewp.uoregon.edu/sites/ewp.uoregon.edu/files/WP\\_62.pdf](http://ewp.uoregon.edu/sites/ewp.uoregon.edu/files/WP_62.pdf)
- Co-authored peer-reviewed journal article for the Journal of Forestry.

- Schultz, C. A., Moseley, C., Mattor, K. M., McIntyre, K., & Ellison, A. (2017). key findings and recommendations based on the USDA Forest Service Integrated Resource Restoration Pilot third-party review. *Journal of Forestry*, 116(1), 5-12.

### **Colorado State University**

**Fort Collins, CO**

Teaching Assistant: NR 425: Sustainability and Forest Policy

January 2015 to May 2015

Hours: 10 hours per week

Supervisor: Courtney Schultz (May be contacted): 406-529-4899

Email: [Courtney.schultz@colostate.edu](mailto:Courtney.schultz@colostate.edu)

- Supported Dr. Courtney Schultz in NR 425, an upper-level capstone for forestry majors in the Warner College.
- Responsible for grading and providing constructive feedback on course assignments including weekly reading summaries, midterm NEPA analysis papers, and final essays.
- Guest lectured on collaborative governance and natural resource management.
- Facilitated small group and large group discussions.

### **Chevron**

**Pittsburgh, PA**

Permit Coordinator

November 2013 to August 2014

Hours: 40 hours per week

Supervisor: Jeremy Hirtz (May be contacted) 724-549-2748

Email: [jhirtz@chevron.com](mailto:jhirtz@chevron.com)

- Drill Permit Coordinator for business unit.
- Collected and summarized data including project design, wildlife surveys/clearances, and erosion and sediment control measures for permit applications.
- Conducted pre-application inspections with WVDEP and PADEP.
- Collected and summarized data for all supplemental permits including OG-71's, sewage, dewatering, and drill deeper permits.
- Worked closely with state agencies to ensure regulatory compliance.
- Coordinate with Construction Permitting, Drilling, Completions, Geology, and Land departments to ascertain all pertinent information.
  - Participated in interdisciplinary teams to provide resource specialist input.
- Natural Resource and Transportation Reviewer and SME on Compliance Assurance Registry Project. Included data management and regulatory review of natural resource, transportation, and water regulations in PA, MI, OH, WV.

### **ERM**

**Pittsburgh, PA**

Environmental Consultant- Staff Scientist

January 2012 to November 2013

Hours: 40 hours per week

Supervisor: Brian Sterner (May be contacted) 724-933-5444

Email: [brian.sterner@erm.com](mailto:brian.sterner@erm.com)

- Collected and summarized data related to ASTM Phase 1 Assessments: including site visits, EDR report review, GIS mapping, and preparation of reports.

- Participatory GIS mapping during public outreach meetings for transmission line project in Illinois- met with citizens, located properties, created maps.
- Environmental desktop review for site developments including GIS mapping, PNDI and CRGIS database review, NWI, and LIDAR review. Participated in wetland delineations.
- Compliance inspections and reporting for erosion and sediment control on pipeline project.
- Contracted with Chevron in transportation permitting and worked with local municipalities to acquire permits for oil and gas development and trucking.

**Shoener Environmental**

**San Diego, CA**

Environmental Planner

August 2011 to January 2012

Hours: 40 hours per week

Supervisor: Rob Shoener (May be contacted) 570-489-6920

Email: unavailable

- Analyzing and evaluating diverse environmental conditions and proposed natural resources management actions or changing habitat conditions, and inspecting activities for conformance with standards and compliance with regulatory requirements
- Maintained and organized GIS database. Managed data and files for wind project. GIS mapping for wind projects including regional analysis of site potential.
- ASTM Phase 1 Assessment for wind farm project including site survey, development of final report. Included site visits and rare plant surveying.
- Independently researched CEQA, NEPA, California permits, water laws, building regulations, and land use codes. Assisted with technical reports, regulatory permits, and office management.

**AmeriCorps NCCC**

**Sacramento, CA**

Team Member

September 2008 to July 2009

Hours: 40 hours per week

Supervisor: Nicole Schara (May be contacted) 800-902-2677

Email: Unavailable

- Conducted fuels reduction and landscape management with the Great Basin Institute in Lake Tahoe.
- Certified as a Type II fire fighter with the US Forest Service including F-130/190 training and chainsaw certification.
- Worked with the US Forest Service and Great Basin Institute to conduct fuels reduction and build defensible space on the El Dorado National Forest.
- Participated in interdisciplinary teams to provide resource specialist input.
- Analyzed, evaluated, and selected appropriate course of action for restoration on forested stands

**PUBLICATIONS**

**McIntyre, K. & Schultz, C. Facilitating Collaboration in Forest Management: Assessing the Benefits of Collaborative Policy Innovations. *Accepted with Minor Revision to Land Use Policy.***

Schultz, C., Timberlake, T., Wurtzebach, Z., **McIntyre, K.**, Moseley, C., & Huber-Stearns, H. (2019). Policy tools to address scale mismatches: insights from US forest governance. *Ecology and Society*, 24(1).

Schultz, C.A., **McIntyre, K.B.**, Cyphers, L., Kooistra, C., Ellison, A., Moseley, C. (2018). Policy Design for Forest Restoration: The Value of Focused Investment and Collaboration. *Forests* 9: 512, doi:10.3390/f9090512

Schultz, C., **McIntyre, K.**, Cyphers, L., Ellison, A., Kooistra, C., Moseley, C. (2017). Strategies for Success Under Forest Service Restoration Initiatives. Ecosystem Workforce Program Working Paper 81

Ricco, G., Schultz, C. A., Timberlake, T., **McIntyre, K.** (2016). Summary of the 2016 National Planners Workshop: Lessons Learned, Innovations, and Best Practices among Early Revision Efforts in Forest Planning. Report to the U.S. Forest Service Washington Office, Ecosystem Management and Coordination

Schultz, C., **McIntyre, K.**, Ellison, A., & Moseley, C. (2015). A third-party evaluation of the IRR pilot: report from Phase 3, stakeholder outreach and engagement.

Schultz, C. A., Moseley, C., Mattor, K., **McIntyre, K. B.**, & Ellison, A. (2017). Key Findings and Recommendations Based on the USDA Forest Service Integrated Resource Restoration Pilot Third-Party Review. *Journal of Forestry*.

Schultz, C. A. & **McIntyre, K.B.** (2019). Policy design to support collaborative landscape restoration: lessons from the CFLRP. From, A New Era for Collaborative Forest Management Policy and Practice insights from the Collaborative Forest Landscape Restoration Program, Eds. Butler, W. & Schultz, C.

Barker, A., Hellman, B., Kohl, A., **McIntyre, K.**, & Michalek, A. (2010). Fostering Implementation of the Roaring Fork Watershed Plan. (University of Michigan- Master's Project- Listed in Alphabetical Order)

## AWARDS

2017	John W. Humke Student Scholarship- National Areas Association
2016-2017	McIntire-Stennis Funding
2016- 2017	Hill Memorial Fellowship
2014-2017	Class of 1973 Forest and Rangeland Stewardship Scholarship
2010	Marshall Weinberg Fellowship Award
2004	J.T. Ryan Scholarship Award

## SKILLS AND COMMITTEES

- Appointed member of the Collaborative Forest Landscape Restoration Program Federal Advisory Committee (<https://www.fs.fed.us/restoration/CFLRP/advisory-panel.shtml>)

- USFS chainsaw and wildland fire fighting certified (S-130/S-190) with previous red-card certification
- Project and database management
- Facilitation and group leadership in workshops and meetings
- Proficiency in Microsoft Word and ArcGIS
- Strong written and verbal communication skills through technical reports and presentations to diverse audiences.