

# Student Products and Outcomes from Investing in Belonging

## John McLaughlin | ESCI Field Camp

Below is a list of products and other outcomes that have resulted from investments in student belonging.

1. Scholars Week presentations, 12 since 2022 in the Faculty-Student Collaborations program and 12 prior to 2022 in Scholars Week Poster Presentation events.
2. Scholars Week oral presentations in the College of the Environment Speaker Series, 15 May 2024; Video recording: <https://vimeo.com/1085058691>
3. Presentations (2) to Western's Board of Trustees, 20 May 2021 and 10 April 2025.
4. University Communications article, 5 May 2025 (Nerad and Cruz 2025).
5. Student testimony and student learning outcomes, article published in Bulletin of the Ecological Society of America (McLaughlin 2022).
6. Student-authored publication in Frontiers in Ecology and Evolution (Johnson et al. 2023).
7. Student poster presentations at national and international conferences. Trejo A, C Moran, J Baxter, and J McLaughlin. 2019. Habitat Selection of the Spotted Sandpiper (*Actitis macularius*) along the Elwha River, Washington. National Diversity in STEM, SACNAS, Honolulu, Hawai'i, 31 October 2019. Lane J, K Nicpon, and B Cudkowicz. 2024. Dam Removal: Lupine Hastens Forest Recovery. Society for Ecological Restoration, Vancouver, BC, Canada, 30 October 2024. Cudkowicz B, Lane J, and K Nicpon. Dam Removal: Lupine Hastens Forest Recovery. River Management Society Symposium, Ashland, OR, 8 April 2025. (Additional student poster presentations were accepted but canceled when conferences were canceled during the height of the COVID-19 pandemic.)
8. Student oral presentation at a regional conference. Duvall E and J McLaughlin. 2021. Responses of river-dependent birds to dam removal on the Elwha River. Olympic Science Days, 4 November 2021.
9. Article published in the River Management Society Journal (McLaughlin 2023).
10. Several manuscripts in preparation, for submission to publication in scientific journals. Lane J, K Nicpon, B Cudkowicz, and J McLaughlin. (in prep, for Northwest Science) *Lupinus rivularis* preferentially facilitates native plant establishment on coarse sediments following dam removal; Elwha River, Washington State. Harkness T, H Greenwood, and J McLaughlin. (in prep) Large woody debris abundance and distribution on the Elwha River ten years after dam removal. Swanson G, AJ Denton, and J McLaughlin. (in prep) Echoes in the watershed: Establishing baseline bat inventories in the Elwha and Grande Ronde River basins. Duvall E and J McLaughlin. (in revision) Evaluating river-dependent birds as restoration indicators after Elwha dam removals.
11. Many program graduates now are enrolled in graduate programs (MS and Ph.D.) and professional careers beyond what they imagined for themselves. Some are first generation college graduates.

## References

See complete list of references: <https://cii.wvu.edu/showcase2024/mclaughlin/>   
(<https://cii.wvu.edu/showcase2024/mclaughlin/>)