

UNIVERSITY of WASHINGTON
FY2022 Annual Review Narrative Survey

Unit: College of the Environment

Section 1: Programmatic & Academic Vitality Narratives

- 1) Have you made any changes to your unit's strategic plan and/or budget process in the past year? If yes, what are 3-5 key elements of your unit's new/revised strategic plan and/or budget process? If no, please comment on the progress you've made in 3-5 key areas of your strategic plan.**

No. Work that has been done in key areas over the past year includes:

- Advance our understanding of the Earth's environment, including human interactions, and apply this understanding to meet present and future opportunities and challenges.

Our faculty, staff and students contribute to their respective fields through innovative and rigorous research and scholarship, including:

- using artificial intelligence to analyze past weather patterns to predict future events;
- leading a multi-institutional team to drill Antarctica's next deep ice core to provide key evidence about the possible last collapse of the West Antarctic Ice Sheet; and
- building and deploying hundreds of robotic ocean-monitoring floats to monitor the chemistry and biology of the world's oceans.

Many of our faculty and students were recognized at local and national levels for their efforts. These awards and honors were for individuals who have a record of significant contributions to their fields; early career awards, showcasing the talent and capabilities of our most junior faculty; and institutional awards that highlight our strong culture of collaboration.

- Excel in educating future experts and environmental leaders while improving environmental literacy across all segments of society.

We continue to explore and invest in opportunities to engage and inspire students both within and outside the classroom, regardless of major or stage in life.

- Undergraduate: We hosted freshman at FHL in Autumn 2020 for the first time, providing one of the very few fully in-person undergraduate experiences across the university.
- K-12: Seattle MESA transitioned to online engagement and individual science kits mailed to students' homes to expose students to the joys and excitement of STEM.
- Citizen Science: More than 250 Washington Sea Grant Crab Team volunteers and partners adjusted their protocols and were able to continue monitoring 55 coastal sites as part of the early detection network for this invasive green crabs.

- Explore, evaluate and effect solutions and policies in response to environmental challenges.

We are involved at many levels of applied research and policy engagement. We have also made targeted investments so that we can engage thought leaders from non-academic backgrounds in our efforts, which include:

- using passive data from a fishing technology company to model the movement of anglers and predict where aquatic invasives may be spreading;
- assisting water managers and water utilities understand how climate change will impact their systems and what measures they can adopt now to be proactive in preparing for the future; and



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- assisting Washington communities and the Department of Natural Resources understand how to use prescribed burning as part of their strategy for fighting wildfires; and
- working with tribal communities to revive the practice of clam gardens for food production and food security for Indigenous populations.

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Section 7: Tuition Based Program Rate Recommendations - Narrative Section

- 1) Please explain why each proposed change is needed and how your unit/campus will use new incremental tuition revenue increases or absorb incremental tuition revenue losses.**

For the College of the Environment Graduate Programs tuition category, we expect to continue to match the rates proposed for the Universitywide Graduate Tier II tuition rates. Recommendations for these tuition levels have not yet been made, but we would support a 2-4 % increase in graduate tuition rates.

Because tuition revenue makes up a significant fraction of our total revenue, an annual increase in tuition is needed to help cover our expenses as they rise due to inflation and merit increases.

- 2) Explain whether and how each proposed change will affect peer comparisons and/or whether a market analysis was conducted.**
- 3) Tuition and fee increases have a disproportionate impact on low-income students. Please comment on how each fee change will affect student debt loads, and specifically how the program will offset this impact.**
- 4) Describe whether you expect the proposed tuition rate(s) to result in any substantial changes to enrollment (including a change in the resident/nonresident composition) or to the volume of waivers awarded.**
- 5) For each proposed change, please explain what would happen if the change were not implemented (e.g. deficit, loss of staff positions, etc.). If a proposed change is part of a plan to eliminate a current deficit, please indicate that.**
- 6) For each tuition category that you have proposed changing, please discuss your unit/campus's overall tuition rate strategy for the next 3-5 years. In your response, please explain whether and how your long-term strategy connects to "market" rates (e.g. where do you want to be, rate wise, compared to peers?)**

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Section 8: Communication with Faculty & Student Stakeholders

- 1) Please select the date that FACULTY leadership within your unit/campus was consulted and provided the opportunity to provide input as part of this budget planning exercise. If, due to scheduling difficulty, you are unable to consult with faculty leadership before the February 1, 2021 submission deadline, please select the date you are scheduled to consult with FACULTY leadership and, immediately after that date, please provide an update to Jed Bradley.**

We spoke briefly with the College's Executive Committee regarding the annual vitality report at their January meeting on Thursday, January 14, 2021. We expect to follow up again at their next meeting on Thursday, February 11, 2021.

The College Council has also been provided this draft text and we expect to discuss it in person with them on February 11, 2021.

- 2) Please list a point of contact for your FACULTY leadership (name and UW email address).**

Dan Brown (danbro@uw.edu), Director, School of Environmental and Forest Sciences, Member of the College's Executive Committee

Chris Anderson (cmand@uw.edu), Professor, School of Aquatic and Fishery Sciences, Chair, College Council

- 3) Please select the date that STUDENT leadership within your unit/campus was consulted and provided the opportunity to provide input as part of this budget planning exercise. If, due to scheduling difficulty, you are unable to consult with student leadership before the February 1, 2021 submission deadline, please select the date you are scheduled to consult with STUDENT leadership and, immediately after that date, please provide an update to Jed Bradley.**

Monday, February 8, 2021 was the first date we could get in front of our Student Advisory Council to discuss.

- 4) Please list a point of contact for your STUDENT leadership (name and UW email address).**

Abby Rogerson (abbykrog@uw.edu)

Esaac Mazengia (esaacm@uw.edu)

- 5) Enrolled students affected by tuition rate increases should be consulted on proposed increases before proposals are finalized. Please describe when and how students were consulted and summarize the feedback they provided regarding EACH of your tuition recommendations.**