

Subject: Online Form Submittal: Board and Commission Application
Date: Tuesday, October 31, 2023 8:51:53 AM

Board and Commission Application

Step 1

Application for Appointment to Whatcom County Boards and Commissions

Public Statement

THIS IS A PUBLIC DOCUMENT: As a candidate for a public board or commission, the information provided will be available to the County Council, County Executive, and the public. All board and commission members are expected to be fair, impartial, and respectful of the public, County staff, and each other. Failure to abide by these expectations may result in revocation of appointment and removal from the appointive position.

Title Ms.

First Name Tracy

Last Name Petroske

Today's Date 10/31/2023

Street Address [REDACTED]

City [REDACTED]

Zip [REDACTED]

Do you live in & are you registered to vote in Whatcom County? Yes

Do you have a different mailing address? YES

Mailing Address [REDACTED]

Primary Telephone [REDACTED]

Secondary Telephone *Field not completed.*

Email Address [REDACTED]

Step 2

1. Name of Board or Committee	Forestry Advisory Committee
Forestry Advisory Committee Position:	Citizen with forestry expertise
2. Do you meet the residency, employment, and/or affiliation requirements of the position for which you're applying?	Yes
3. Which Council district do you live in?	District 3
4. Are you a US citizen?	Yes
5. Are you registered to vote in Whatcom County?	Yes
6. Have you declared candidacy (as defined by RCW 42.17A.055) for a paid elected office in any jurisdiction within the county?	No
7. Have you ever been a member of this Board/Commission?	No
8. Do you or your spouse have a financial interest in or are you an employee or officer of any business or agency that does business with Whatcom County?	No
You may attach a resume or detailed summary of experience, qualifications, & interest in response to	Attached

the following questions

9. Please describe your occupation (or former occupation if retired), qualifications, professional and/or community activities, and education

I have a Masters in Environmental Policy and Planning with an emphasis on Forest Management/Forest Certification from WWU. In addition, I have a Master of Science in Oceanography from UW, and a BS in Physics (minor in Aquatic biology) from UCSD. I moved to Whatcom County in 2016 and purchased 20 forested acres where I continue to live today.

10. Please describe why you're interested in serving on this board or commission

I am strongly interested in forest management (harvest, thinning, riparian health) in ways that preserve our forests and local/regional vitality. To me, this means supporting working forests that provide economic benefits through timber and non-timber forest products and just as importantly, wildlife habitat, soil health, water quantity and quality protection, and recreation opportunities. I believe the combination of my background in science, math, public outreach/education, and current work in forestry research and certification provides a valuable resource.

As both a resident of Whatcom county and a small forest landowner (a mere 20 acres of forestland on SE Sumas mountain), and in my role with DNR, I am deeply immersed in forests every day. I want to be a part of conversation and discussion about how to maintain our forested landscape where I live and play. I work with DNR in the Forest Resources Division in two roles: I am DNR's Forest Certification Program Manager working on compliance with the Sustainable Forestry Initiative (SFI) and Forest Stewardship Council (FSC) standards. I also help manage the forest upland and riparian research in the Olympic Experimental State Forest (OESF). In my role with the OESF, I manage a multi-million-dollar budget and coordinate scientific research experiments examining the economics and ecological impacts of alternative (i.e., non-standard VRH and VDT) harvest prescriptions, and researching alternatives to slash piling and burning.

References (please include daytime telephone number):

Chris Hankey, DNR (360) 854-8310
Grace Wang, WWU (360) 303-9300

Appointment Requirements

I understand and agree

Signature of applicant:

Tracy McCallister Petroske

Place Signed / Submitted



(Section Break)

Tracy McCallister Petroske

<i>Experience</i>	2022-...	Department of Natural Resources , Forest Resources Division, Forest Certification Program Manager
	2018-22	Bell Creek Science Services , Owner-Natural Resource Scientist
	2016-20	Institute for Global Environmental Strategies , Science and Education Review
	2016-18	Caltech , Education & Public Outreach Coordinator
	2001-16	Snoqualmie & Bellevue SD , Educator/STEM Program Manager/Math Chair
	1998-01	Source Net , Technical Writer, Software Test & Configuration Manager
	1991-94	Univ. of Washington , Graduate student - Oceanography/Environmental science
	1989-91	Boeing Kent Space Center , Physicist-Engineer (fluid dynamics)
	1985-89	Scripps Institute of Oceanography , Oceanography Research Assistant

<i>Education</i>	2023	Western Washington University , M.S. Environmental Policy and Planning, Forest Management/Forest Certification
	2009	National Board Certification, Teaching , Adolescence/Young Adulthood Mathematics
	2002	Pacific Lutheran University, Teaching Certifications , Environmental/Earth Science, Physics, Mathematics
	1993	University of Washington , M.S. Oceanography
	1989	UC San Diego , B.S. Physics, minor in Aquatic Biology
		Environmental Science Certificates: Protected Species Observer Certification Cetacean Passive Acoustic Monitoring Certificate Bureau of Ocean and Energy Management - Wind Energy Monitoring Operations & Dredging Endangered Species System (ODESS) Marine Water Quality Monitoring UW Coastal Observation and Seabird Survey Team (COASST) Mysticetus Data Collection Certificate
		Eastside Fire and Rescue Academy , Emergency Medical Technician 9-1-1 Whatcom Police Dispatch , Call Receiver

Relevant Highlights

WA Department of Natural Resources: I joined DNR in April 2022 in the Forest Resources Division. I am the Forest Certification Program Manager working on compliance with the Sustainable Forestry Initiative (SFI) and Forest Stewardship Council (FSC) standards. I also help manage the forest upland and riparian research in the Olympic Experimental State Forest (OESF). In my role with the OESF, I manage a multi-million-dollar budget and coordinate scientific research experiments examining the economics and ecological impacts of alternative (i.e., non-standard VRH and VDT) harvest prescriptions, and researching alternatives to slash piling and burning.

Bell Creek Science Services: I founded this consulting business in 2018 to capitalize on my blend of science, education, and communication expertise. Services include:

Public Outreach and Education (EPO): Develop EPO programs curriculum for a variety of audiences. Create brochures, write articles and press releases, give oral presentations and interviews, create print and radio media releases, analyze social media and outreach efficacy, solicit citizen scientists and coordinate volunteers, plan and facilitate professional workshops and community events.

Natural Resource Management and Field Work: Liaison between stakeholders and the public in response to disputes, write grants, identify and develop durable partnerships. Field work, including water quality studies, cetacean monitoring, collection of high-altitude tree DNA, classification of downed birds. Develop and implement robust scientific study and resource management plans.

Writing & Editing: publication support, simplify and condense complex scientific content, create and fact-check materials prior to publication, literature reviews and analysis, edit English-as-a-Second-Language research articles.

NASA-Institute for Global Environmental Strategies Product Review, *Education consultant*

As needed, I review environmental science educational materials, compose detailed reports, recommend modifications, and take part in web conferences for final analysis. Projects include: (1) Analysis of sea-level rise in US estuaries. (2) Evaluation of temperature projections using NASA's Goddard Institute Climate Model E2.

Caltech: Coordinated four NASA Universe of Learning Programs, including team-writing scripts for NASA UofL videos. Team-wrote grant proposals for Education-Research projects and scientific research papers. Planned and facilitated professional workshops and public events. Picked up a languishing project (STEMdex), performed a needs assessment, formed a working group, and worked with Harvard to automate our project updates.

Education & Education Management: Taught Calculus, Physics, Environmental Science, Biochemistry, Forensics/Law. As department chair, I managed teams and budgets. Wrote grant proposals. Managed a team for Pearson Education, scoring National Board portfolios. Interfaced with stakeholders to achieve goals, such as an initiative to support students during periods of high absenteeism due to tribal events.

Publications and Certificates

(prior name: McCallister-Roberts)

Roemmich, D. and **T. McCallister** (1989), Large Scale Circulation of the North Pacific Ocean. *Progress in Oceanography*, Vol. 22, pp 171-204.

Roemmich, D, **T. McCallister** and J. Swift, (1991), A Transpacific Hydrographic Section along Latitude 24 N: Distribution of Properties in the Subtropical Gyre. *Deep-Sea Research*, Vol. 38, supplement 1A, pp S1-S20.

Roberts, Tracyanne M. Boys, Girls, and the Pursuit of Science. *Astrobites*, *Astrobites*, 11 Aug. 2017, astrobites.org/2017/08/12/boys-girls-and-the-pursuit-of-science/.

Roberts, Tracyanne M. STEMdex Technical paper, NASA UofL Basecamp, 2017.

Rebull, L.M., **T. Roberts**, et al., Motivations of Educators for Participating in an Authentic Astronomy Research Experience Professional Development Program, *Physical Review Physics Education Research*, 14, 010148, June 2018.

Rebull, L, D. French, W. Laurence, **T. Roberts**, et al. (2018), Major outcomes: An Analysis of 8 years of Data from NITARP, *Physical Review Physics Education Research*, 14, 010148, June 2018.

L. M. Rebull, M. Fitzgerald, **T. Roberts**, et. al., The NASA/IPAC Teacher Archive Research Program (NITARP), Physics Education, arXiv:1804.08743, April 2018
