Co-op Board of Directors application

PART I. APPLICATION CONTACT INFORMATION

A. Name	Patricia (Trish) Hartzell
B. E-mail	hartzell@uidaho.edu or hartzell653@gmail.com
C. Co-op owner number	2088821664
D. Address	1191 Idlers Rest Road
E. City and state	Moscow ID 83843
F. Phone number	208 882-1664

PART II. CANDIDATE STATEMENT

1. Personal skills and experience

I have been involved in science education, environmental protection and sustainability for almost 50 years. I am organized, honest, and hard-working scientist (micro/molecular biologist) who uses data and creativity to find solutions to problems. As an educator, one goal has always been to present complex topics in a user-friendly way. When working with others, I try to listen carefully, ask questions, and find common ground. I have served on the Board of Directors of the Palouse Discovery Science Center (PDSC) since 2011 where I contributed physical and mental work, financial support, ideas, and scientific knowledge.

Most of my management experience is from academia. For >30 years, I ran a research laboratory and taught and trained undergraduates and graduate students as a faculty member – first at UCLA and later at the University of Idaho. Throughout my career, I had continuous extramural support (as Principal Investigator) for my research from the National Institutes of Health, the National Science Foundation, the American Cancer Society and the Howard Hughes Medical Institute (for teaching). I managed my budgets ($6.4M total) and the research of technicians, lab instructors, postdoctoral fellows, graduate students, and undergraduates (over 200 total). I taught thousands of students and endeavored to give then an authentic learning experience. In college, I led the effort to build one of the largest recycling centers in Southern California (which is still in operation) and managed the center for 4 years.

I have assumed many leadership roles - as yearbook editor (high school), band leader, newspaper editor (high school, college), Department Head (Microbiology, Molecular Biology and Biochemistry), Chair of Faculty Senate at U*of*I, meeting organizer (women's groups, environmental groups, national and international meetings for the American Society of Microbiology and the International Myxobacteria Organization), speaker, educator, and foster parent (19 years, most challenging!).

2. Serving on the Moscow Food Co-op Board of Directors:

It would be an honor to play a more active role in the Co-op, an organization that has such a position impact on the community. The Co-op clientele includes people who value quality and are willing to pay the actual costs for food. I think the Co-op plays a critical role in disseminating information to the community about the role of food in health and the impact of food production and packaging on the environment. I would like to be involved in helping the Co-op display more ideas, educational information, and helpful guides about the storage, preparation, and benefits of food.

3. a) <u>group decision-making environment</u>

I have served on many committees as a faculty member and chaired many of these committees – almost all of our interactions involved group decision-making activities. In my research lab, I collaborated with other my students and other scientists; as a team we worked together to made decisions regarding experimental design and interpretation of data.

3. b) <u>shared power in a group process</u>

All laboratory work is a group process; views of diverse participants (age, gender, background, level of experience) are valued in planning and executing research. I worked with other faculty members on team-taught courses. As a board member for the PDSC and chair of the Science Advisory Committee, I worked with the director and other board members to accomplish many goals that were part of our strategic plan. I continue to work with the PDSC members on finances and fund-raising, building and landscaping redesign (we did much of the physical work - demolition, painting, *etc.* - on a recent remodel), planning and designing exhibits,

3. c) <u>delegated areas of decision making to others</u>

I like to delegate work and I think I have learned how to recognize and bring out good qualities in other people. My experience is that frequent communication is essential and that greater group diversity (age, gender, background, ethnicity) yields more robust solutions to problems. I have a lot of experience hiring technicians, instructors, and designers to carry out research projects and teach undergraduate students. Once these individuals knew the goals of the project, they would typically work independently for substantial periods of time. We met regularly for project updates, to discuss new directions, and solve problems.

Yes, to the three-year commitment
Yes, I agree to abide by the campaigning and electioneering guideline
No additional comments

PART III. RESUME OR CV

Hartzell, Patricia L. (Trish), Professor Emerita, Univ of Idaho

Postdoctoral	Developmental Biology, Biochemistry Stanford University
Ph.D.	Department of Microbiology, University of Illinois
B.S.	Department of Microbiology, California State University Long Beach

Academic Appointments

Director, HHMI BRAINS Program, University of Idaho	2014-2020
Professor Emerita, University of Idaho	2017
Professor, Biological Sciences, University of Idaho	2010-2020
Professor, Microbiology, Molecular Biology, and Biochemistry, University of Idaho	1994-2005
Affiliate Faculty, Microbiology, University of Washington	2003-2018
Asst Professor, Microbiology and Molecular Genetics, University of California Los Angeles	1990-1994

Academic Administrative Appointments

Program Director Howard Hughes Medical Institute BRAINS CURE Program	2014-2020
Department Head, Microbiology, Molecular Biology, and Biochemistry, University of Idaho	2004-8

Teaching Accomplishments

- Areas of Specialization: genetics and molecular biology, phase variation, prokaryotic development; signal transduction; protein interactions; prokaryotic motility; extremeophile microbiology, biochemistry of methanogenesis and sulfate reduction
- Students Advised:
  - As major professor (10 MS and PhD)
  - Visiting scholars and postdoctoral fellows (8)
- Non-credit Classes, Workshops, Seminars, Invited Lectures, *etc.*:
  - Invited national and international seminars on research (45)
  - Invited teaching lectures (27)
  - Workshops (6)
- Scholarship
  - Refereed/Adjudicated Book chapters and reviews (13)
  - Peer reviewed/evaluated primary research publications (48)
  - Presentations and Other Creative Activities manuals, video tutorials (57)
  - Professional Meeting Papers, Workshops, Showings, Recitals (113)
- Grants and Contracts Awarded
  - Total award amount: $6.5M (1990-2020)
  - Awarding agencies: Howard Hughes Medical Institute, National Science Foundation, National Institutes of Health, NSF-EPSCoR, BEACON Consortium (Evolution in Action), IBEST, National Center for Genome Resources, USDA-Hatch, State Board of Education, EPA-EPSCoR, NCERQA/EPSCoR
- Honors and Awards (16)

Service (other)

- Major Committee Assignments: National (35), University (82 including Chair of Faculty Senate), College level (16), Department (22)
- Regional outreach: 11 major activities