

**Subject:** Online Form Submittal: Advisory Group Application  
**Date:** Wednesday, October 30, 2024 12:47:37 PM

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## Advisory Group Application

### Step 1

Application for Appointment to Whatcom County Advisory Groups

#### Public Statement

**THIS IS A PUBLIC DOCUMENT:** As a candidate for a public advisory group, the information provided will be available to the County Council, County Executive, and the public. All advisory group 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	Mr.
First Name	Gil
Last Name	Lund
Today's Date	10/30/2024
Street Address	[REDACTED]
City	[REDACTED]
Zip	[REDACTED]
Do you live in Whatcom County?	Yes
Do you have a different mailing address?	<i>Field not completed.</i>
Primary Telephone	[REDACTED]
Secondary Telephone	<i>Field not completed.</i>
Email Address	[REDACTED]

### Step 2

1. Name of Advisory Business and Commerce Advisory Committee

Group

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Business and  
Commerce Advisory  
Committee Positions

Manufacturing

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2. Do you meet the  
residency,  
employment, and/or  
affiliation requirements  
of the position for  
which you're applying?

Yes

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3. Which Council  
district do you live in?

District 1

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4. Have you ever been  
a member of this  
Advisory Group

No

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5. 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?

Yes

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If yes, please explain

Spouse is Mayor Kim Lund of Bellingham

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6. Have you declared  
candidacy (as defined  
by RCW 42.17A.055)  
for a paid elected office  
in any jurisdiction  
within the county?

No

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You may attach a  
resume or detailed  
summary of  
experience,  
qualifications, &  
interest in response to  
the following questions

Attached

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7. Please describe your  
occupation (or former  
occupation if retired),

I am an engineer working as a Program Manager for an engineering services business Fives Lund. We specialize in implementing turnkey manufacturing solutions for Original

qualifications,  
professional and/or  
community activities,  
and education

Equipment Manufacturers (OEMs) like Boeing, Northrop Grumman, and Blue Origin. I have thirty years of experience working in the manufacturing sector in a large variety of industries (see CV)

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8. Please describe why you're interested in serving on this Advisory Group.

I would be excited to help represent, advocate, and grow the manufacturing sector in Whatcom County (WC). Manufacturing is a core industry that can serve as a sustainable economic base for WC, allowing for diverse employment and an economic catalyst for downstream industries like construction, housing, healthcare, and recreation. I believe my varied background and demonstrated ability to lead and grow a business would enable WC to see "outside the box" the demonstrated successes occurring around the nation/world.

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References (please include daytime telephone number):

Bill Miller, WWU adjunct instructor (425.233.7045) John Jenkins, Founder Spark Museum (360.738.3886)

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Appointment Requirements

I understand and agree

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Signature of applicant:

Gil Lund

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Place Signed / Submitted



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(Section Break)

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## Overview

With thirty years experience working and serving advanced manufacturing businesses, Gil has a unique insight into how to support and grow the manufacturing sector. Applying his global expertise in a local Whatcom County context is the focus of the next chapter in his career.

## Education

BSEE, Electrical Engineering, University of Washington 1995

## Work Experience

### Program Manager

**Fives Lund (Seattle, WA)**

**6/2015 - Present**

### Principal Engineer,

**Lund Engineering (Seattle, WA)**

**5/2005 - 6/2015**

Fives Lund (Formally Lund Engineering) is an engineering firm specializing in the design and delivery of custom, electro-mechanical, automated machines. His team's key expertise is designing robotic systems used in manufacturing work cells and other highly automated end-use environments.

In his tenure, Gil participated in growing the organization from a 10 employee / \$5M revenue organization in 2005 to a 80 employee / \$30M+ revenue company in 2024 with the capability of providing world-class engineering and R&D services in mechanical, electrical, and software engineering disciplines.

In his current role, Gil works directly with engineering management at tier-one aerospace manufacturers scoping strategic products and services to achieve world class manufacturing goals.

Selected Accomplishments:

- Managed multiple, long term projects (\$500k - \$2M) to design and deliver inspection technology for industrial, robotic work cells used in aerospace composite manufacturing (forming, curing, automated tape lay-up) processes for the Boeing 787 Dreamliner global partners. Drove schedule, cost, and performance targets.
- Led the development of an industrial sensor product line consisting of a high-performance laser sensor used for real-time process control. Development team worked in a distributed, international setting (Seattle, California, Germany, and Japan).
- Managed a team of software, electrical, and mechanical engineers who developed a \$1.5M, custom, automated, inspection system consisting of 5 robotic pan/tilt units with real-time laser projection.
- Led a team of hardware engineers who designed a patented medical device used to deliver micro doses of cancer drugs via an array of dispense needles. Device is currently being used in human FDA trials.

### Product Assurance Manager

**Advanced Technical Services Corp (Bothell, WA)**

**1/2002 - 4/2005**

Managed the test engineering and quality departments at a \$30M electronics contract manufacturing (EMS) company. ATS produces complex electronic assembly and sub-assemblies for OEM's in various commercial and retail industries (medical, computer, fitness, industrial controls).

Responsible for developing the strategy and management of all aspects of the Quality and Test systems and processes. Developed budgets and capital equipment requirements. Drove continuous improvement projects (internal, customer, and supplier). Responsible for all quality processes.

- Reduced customer returns to under 1% of revenue.
- Developed robust defect collection and reporting system for the manufacturing lines.
- Drove first pass yields from 90% to >97% in the key factory quality gates.
- Implemented cost improvement projects which saved over \$170,000 per year in production costs.
- Championed the ISO 9000:2000 certification of the ATS production area.

**Director of Enterprise Systems**  
**Etera Corporation (Burlington, WA)**

9/1999 - 8/2001

Responsible for the development and architecture of a custom corporate Enterprise software used to ship over five million units of live horticulture product within a six-month window annually. Managed a team of software engineers which used a "best of breed" approach to either purchase and integrate, or custom build the key operations modules needed to run the business operations.

- Grew the MIS team from 3 to 23 employees.
- Managed the 24x7 data center response team and drove best practices in monitoring and support.
- Developed key critical success indicator packages used to monitor health of the production operation.
- Developed a zero-based budget for supporting the corporate IT systems.

**Hardware Test and Device Engineer**  
**Intel Corporation (Hillsboro, OR)**








7/1994 - 9/1999

Owned the Sort/Test Manufacturing equipment used for Intel’s semiconductor fab used to manufacture microprocessors (Pentium to Core product lines). Managed a team of engineering technicians.

- Certified the control software used to automate the semiconductor testing process.
- Led cross-site task forces, user groups, and project teams.
- Developed statistical methods to monitor (SPC) and qualify test equipment.
- Responsible for the ISO 9002 certification of the E-test process.
- Authored technical whitepapers to justify changes in Intel’s factories worldwide.

**Additional Information**

Gil has played the role of mentor, teacher, and coach to many students, interns, and young engineers. He has managed 15+ interns throughout his career. He is passionate about providing real world STEM experiences for aspiring scientists and engineers. Known as a community leader for facilitating adult participation in STEM programs. He speaks English and Norwegian.

	Tech Influencer of the Year, Bellingham Technology Alliance Group 2014
	Volunteer Advanced Placement Computer Science (APCS) Teacher, Microsoft TEALS Program 2014-2018
	Board Member Western Washington University (WWU) Engineering Advisory Board 2012-2018
	Program Advisory Committee Member Bellingham Technical College (BTC) 2014-Present
	Mentor FIRST Robotics jrFLL, FLL, FRC 2008-2018
	Board Member – Spark Museum of Radio and Electricity, Bellingham, WA 2015-2019
	Board Member – Technology Alliance Group (TAGNW) 2021-Present

**Selected Skills:** Agile Engineering, Lean Six Sigma, Software Engineering (C/C++, C#, Java, Python), Embedded Systems Engineering (ARM, Linux), Project Management, Statistics, Design for Manufacturing