





City of Seattle Boards & Commissions Notice of Appointment

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CITY OF SEATTLE
19 SEP 11 PM 2:07
CITY CLERK

Appointee Name: <i>Alexander Lew</i>		
Board/Commission Name: <i>Seattle Bicycle Advisory Board</i>		Position Title: <i>Member</i>
<input type="checkbox"/> Appointment OR <input checked="" type="checkbox"/> Reappointment		Council Confirmation required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Appointing Authority: <input type="checkbox"/> Council <input checked="" type="checkbox"/> Mayor <input type="checkbox"/> Other: <i>Fill in appointing authority</i>	Date Appointed: <i>9/11/2019</i>	Term of Position: * <i>9/1/2019</i> to <i>8/31/2021</i> <input type="checkbox"/> <i>Serving remaining term of a vacant position</i>
Residential Neighborhood: <i>Captiol Hill</i>	Zip Code: <i>98102</i>	Contact Phone No.: 
Background: <i>See attached resume</i>		
Authorizing Signature (original signature): 		Appointing Signatory: <i>Jenny A. Durkan</i> <i>Mayor of Seattle</i>

*Term begin and end date is fixed and tied to the position and not the appointment date.

Alexander Lew

EDUCATION

Harvard University, Graduate School of Design

Master in Urban Planning with Distinction, concentration in Transportation and Infrastructure, 2016

Columbia University in the City of New York

B.A., History (specialization in urban history), minor in Sustainable Development, 2012

Global Fellow in Sustainable Development, The Earth Institute at Columbia University, 2011

TRANSPORTATION EXPERIENCE

IBI Group | Seattle, WA

Transit Data Analyst, June 2017 – Present

Primary specializations: transit performance analytics, real-time passenger information, passenger-facing transit alerts.

Major projects include:

- **Transit Performance Dashboard:** currently developing interactive data tools to track on-time performance, travel times, and crowding on the MBTA system.
- **Transit Alerts:** developed, tested, and deployed new software features to a GTFS-based alerts platform that allows dispatchers to easily disseminate transit alerts across multiple mediums including third party applications (such as Transit app and Google Maps), e-mail, SMS, and passenger information signs. Alerts from IBI's transit alerts platform are viewed by thousands of passengers a day in Boston, MA and Vancouver, BC, and soon Denver, CO and Snohomish County, WA (northern Seattle/Puget Sound).
- **SunRail Real-Time Predictions:** developed enhancements to SunRail's real-time arrival prediction algorithms. Diagnosed data quality issues affecting passenger information.
- **Sound Transit Sounder Real Time Information:** assessed current state of Sounder commuter rail's tracking systems and the necessary steps to implement real-time arrival predictions.

King County Department of Transportation: Airport Division | Seattle, WA

Transportation Planner III, July 2016 – March 2017

Primary specializations: short term and long range planning efforts at Boeing Field/King County International Airport.

Major projects include:

- **Airport Master Plan:** The Master Plan is a long range guiding document for future infrastructure and facility development. Assisted in managing aviation consultants on the project. Lead public participation efforts, including outreach in environmentally-sensitive areas adjacent to the airport.
- **Short Term Planning:** Completed the first parking utilization study for the main terminal area. Developed near-term alternatives for additional maintenance facilities and redevelopment options.

Nelson\Nygaard Consulting Associates | Boston, MA

Associate III, October 2013 – June 2016; Associate I, March 2013 – October 2013; Intern, June 2012 – March 2013

Primary specializations: system-wide transit overhauls and comprehensive operational analyses, route design, high capacity transportation corridor studies, rail-bus integration, and university shuttle systems.

Major projects include:

- **Providence: Kennedy Plaza Reconstruction:** Analyzed and determined the operational requirements to transform the city's main transit center into a large public pedestrian plaza with the intention of seeking a balance between efficient transit operations and good urban design. This project was an innovation in how

transit service planning and scheduling can support the design of quality public space. Delivered a presentation on the project to the Federal Transit Administration Region 1 (Cambridge, MA) office in 2015.

- **Memphis BRT Alternatives Analysis:** Nelson\Nygaard's deputy project manager. Managed the alternative analysis's tiered screening approach, analyzing each candidate corridor's potential at ridership growth, fulfilling redevelopment goals, and supporting transit use in the Memphis metropolitan area. Developed operating plans and scenarios for local bus network changes to best coordinate with candidate BRT corridors.
- **Providence: Redesigning Downtown Transit:** Developed long term visions for Providence's downtown transit circulation that would include high quality transit emphasis corridors, two additional transit centers, and multi-modal connections, all which would strengthen the relationship between transit and the city's redevelopment goals.
- **Rhode Island Public Transit Authority Comprehensive Operational Analysis:** performed data analysis of statewide bus line ridership and cost performance, developed scenarios for route and schedule changes, and budgeted operating costs. Coordinated public outreach with a major onboard survey effort. The project made bus service easy to understand, improved service for riders, and resulted in increased ridership.

VOLUNTEER EXPERIENCE

Seattle Bicycle Advisory Board | Seattle, WA

Co-Vice Chair, mayoral appointed term from September 2017 to September 2019

- As a member of a city board, advised City Council, the Seattle Department of Transportation, and the Mayor's office on multi-modal transportation issues. Reviewed projects, implementation plans, and the Bicycle Master Plan. Advocated for the highest design standards to improve cycling infrastructure in Seattle.
- Major initiatives while on the board include design changes on S Avalon Way (West Seattle) to create safer bike-bus interactions with transit island stations, and advocating for projects to be included in Bicycle Master Plan Implementation Plans, recommendations to the Move Seattle Levy "reset" when the program was falling behind on delivering projects.

SKILLS

- Advanced skills in **Geographic Information Systems / ArcGIS** software
- Advanced design skills in **Adobe Illustrator, Photoshop, InDesign** and 3D rendering in **SketchUp**.
- **Data analysis and visualization:** experienced in cleaning, visualizing, and working with large data sets including fare card "swipe" data, ridership counts, survey data, and service/schedule data. Experience with **D3.js** for web-based interactive data visualizations and mapping.
- Strong knowledge of coding languages: **SQL, HTML/CSS, Javascript**. Experience working with transit real time information APIs and developing scripts to improve data collection and analysis.
- Ability to work in **Microsoft Excel, Word, and PowerPoint** with advanced fluency
- **Language Proficiency:** Fluent French, strong comprehension of Spanish.

PORTFOLIO

- Online portfolio of mapping and data visualization/coding projects: alexanderlew.github.io
- Design portfolio of select personal, professional, and academic projects: https://www.dropbox.com/s/7pyv5jrfzwzhpj5/Design_Portfolio_reduced.pdf?dl=0

Seattle Bicycle Advisory Board

12 Members: Pursuant to *Resolution 30995*, all members subject to City Council confirmation, 2-year terms:

- 5 City Council-appointed
- 7 Mayor-appointed
- # Other Appointing Authority-appointed (specify):

Roster:

*D	**G	RD	Position No.	Position Title	Name	Term Begin Date	Term End Date	Term #	Appointed By
			1.	Member		9/1/2019	8/31/2021	1	Mayor
6	F	2	2.	Member	Kashina Groves	9/1/2018	8/31/2020	1	City Council
1	M	3	3.	Member	Alexander Lew	9/1/2019	8/31/2021	2	Mayor
1	F		4.	Member	Andrea Lai	9/1/2019	8/31/2020	1	City Council
6	F	6	5.	Member (Co-Chair)	Emily Paine	9/1/2019	8/31/2021	2	Mayor
	M	7	6.	Member	Benjamin Estes	9/1/2019	8/31/2020	1	City Council
6	M	4	7.	Member	Andrew Dannenberg	9/1/2018	8/31/2020	1	Mayor
6	F	1	8.	Member	Meredith Hall	9/1/2018	8/31/2020	1	City Council
6	F		9.	Member	Selina Urena	9/1/2018	8/31/2020	1	Mayor
6	M	2	10.	Member	Patrick Taylor	9/1/2018	8/31/2020	1	City Council
			11.	Member		9/1/2018	8/31/2020	1	Mayor
6	M	5	12.	Member (Get Engaged Appointee)	Joseph Gunnar Colleen	9/1/2019	8/31/2020	1	Mayor

SELF-IDENTIFIED DIVERSITY CHART

			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
	Male	Female	Transgender	NB/ O/ U	Asian	Black/ African American	Hispanic/ Latino	American Indian/ Alaska Native	Other	Caucasian/ Non-Hispanic	Pacific Islander	Middle Eastern	Multiracial
Mayor	3	2			1					4			
Council	2	3			1					3			
Other													
Total	5	5			2					7			

Key:

*D List the corresponding *Diversity Chart* number (1 through 9)

**G List *gender*, M= Male, F= Female, T= Transgender, NB= Non-Binary O= Other U= Unknown

RD Residential Council District number 1 through 7 or N/A

Diversity information is self-identified and is voluntary.