

Power in Movement

Mass Transit in Comparative Context

January 2013 Learning Cluster
Soka University of America

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System Overview

Southern California is built upon the automobile. Our communities are living monuments to the power of cars to shape society, space, and the environment. But it need not be so, and it was not always like this. And it is not so in other parts of the world, the Pacific Basin, or even North America's west coast. Other communities have more options, and these alternative forms of transportation have profound implications for society, politics, economics, and the environment.

This Learning Cluster would explore mass transit systems in comparative context throughout North America's Pacific Basin. This proposed Cluster would be unique, even by the standards of Learning Clusters at Soka, undertaking a type of trip that has never really been done before. In one trip, we will visit five major and four medium cities and travel over 1500 miles, providing a wealth of comparison. It will explore the causes, systems, and effects of rapid transit, as well as explore its absence. We will look at how local governments in Vancouver, Seattle, Portland, San Francisco, Los Angeles, and all points in between have responded to common challenges related to human movement. We will analyze how the presence or absence of mass transit influences gender, race, class, and the environment within these societies. This Learning Cluster will experience Power in Movement.

Our Fleet

Matthew Berger	602-335-9888	Laura Cossette	415-570-3564
Ashlyn Fay	949-525-1973	Amanda Good	
Manal Maaliki	949-330-3514	Luisa Madrid	213-924-7566
Nancy Ngo	714-276-5929	Ian Osburn	951-970-1189
Yoko Rader	620-655-8533	Sherry Souktia	714-398-6256
Akari Tsujikawa		Akemi Ueda	949-632-2819
Shane Barter	949-391-8340		
Melissa Duong	949-505-4672		

Fare Information

\$16,500	Total Budget
-\$8300	Airfare, Hotel, Etc (\$ / person)
\$50	Soka Shuttle
\$2191.31	Ten flights Orange County to Vancouver (CDN \$)
\$474.50	Two flights Orange County to Vancouver
\$150	Vancouver: Arrival Dinner with Billets
\$218	Vancouver to Seattle Bus
\$1154.15	Seattle Apartment
\$192	Seattle to Portland Train
\$1048.10	Portland House
\$1355.90	Flights Portland to San Francisco
\$620	San Francisco House
\$439.80	San Francisco Hotel
\$15.50	San Francisco to Los Angeles Bus
\$390 .74	Additional expenses Laundry detergent and quarters; printing; gifts; coffee for Seattle rider's union; air mattress; groceries; lunch for Jason Henderson
-\$1548.35	Transit (\$ / person)
\$472.70	Vancouver 26 x \$9 transit day-passes (\$234); 13 x \$3.15 transit tickets (\$41); 57 x \$2.10 transit tickets (\$119.70); 8 x \$9.75 transit day-passes (\$78)
\$448.15	Victoria 26 x \$14.90 ferry fares (387.40); 27 x \$2.25 Victoria transit fares (\$60.75)
\$375	Seattle 13 x \$20 on Orca Card; 13 x \$5 deposit; \$20 bus Sunday PM, \$30 taxis
\$252.50	Portland 15 x \$2.50 tickets; 39 x \$5 day passes; \$20 taxi
\$505	San Francisco 8 x \$22 MUNI 3 day passes (\$176); \$50 taxi fare; Ian \$80; Matthew \$4; Nancy \$181; Yoko \$14
\$230	Los Angeles 13 x \$1.50 fares (\$19.50); 13 x \$5 day passes (\$65); 10 x \$1 TAP Cards (10); 12 x \$0.50 LA Dot Fares (\$5.50); 13 x \$10 weekend passes to home (\$130)
\$60	Orange County 26 x \$1.50 (\$39); taxi home (\$21)
-\$5200	Food (\$400 / person) Participants will have a \$400 allowance (\$20 / day), and will pay for personal expenses (food, laundry, internet, cell phone, souvenirs, etc) beyond this
+\$1450	Remaining Budget (\$/ person) If money remains towards the end of the trip, then students will gain an additional food budget, acknowledging that the \$20 / day was not sufficient to cover expenses throughout the trip.

Objectives Line

Soka's Mission

Students will develop analytical skills by analyzing a specific social, environmental, political, or economic issue in the context of North America's Pacific Basin. They will enhance their analytical skills by investigating research questions through first-hand observations and interviews, leading to the composition of a final essay or transit proposal.

Students will collaborate throughout the learning cluster, gaining valuable cooperation skills. They will work together to use the transit systems in different cities and examine their effectiveness and assessing which city's mass transit are well-timed. Students will then work together to complete a final project for the Learning Cluster Fair. They will pool together their knowledge of different areas of mass transit to educate the school population during the school Learning Cluster Fair.

Students will develop skills and awareness as concerned and engaged global citizens by analyzing, researching and experiencing issues of broad social and environmental importance. This learning cluster offers students the opportunity to choose and learn a specific topic in which they can examine humanism in society, culture in the community, or the coexistence of nature and humanity. Students will view the social and cultural effects of mobility (or its absence) as well as explore the human impact and ability to promote a sustainable environment through public transportation.

This Learning Cluster identifies with Soka University's emphases on the Pacific Basin, interdisciplinarity, and service learning. North America's Pacific cities—Vancouver, Seattle, Portland, San Francisco, and Los Angeles—represent a range of urban cultures and ethnic identities which reflect the peoples of the Pacific Basin. Our Learning Cluster will combine research in history, technology, local government, society and culture, class analysis, urban planning, environmental studies, and contemporary issues in southern California.

Learning Objectives

- To understand the movement of people in Pacific North America
- To understand some of the environmental benefits of alternative forms of transportation, along with the costs of automobile dependency
- To consider the effects of rapid transit on society and urban renewal
- To analyze the conditions under which local governments support rapid transit initiatives
- To explore the various technologies available and the tradeoffs involved for planners
- To explore how transit can increase upward mobility, especially among students and minorities
- To understand how rapid transit can affect ethnic integration
- To learn how other universities benefit from the presence of various forms of transportation
- To understand the reluctance to embrace transit among some communities
- To explore why southern California lacks public transit and if this trend can be reversed (perhaps with the introduction of High Speed Rail)

Methodology Line

Safety First!

Our Learning Cluster will combine rural and urban transport, including in some inner city areas. While these cities are relatively safe (even Los Angeles in part due to rapid transit), we are taking several precautions to ensure that every member of our team comes home unscathed. Everyone will carry a cell phone, programmed with each other's numbers. We try to return home by 9pm every night, and nobody will ever travel alone, even during the day time. For scavenger hunts, free days, and returning to our billets, we will travel in groups of at least two at all times. Regarding billets, the hosts have been selected from among the close friends and family of the professor and other members of this Learning Cluster.

Cases

This Learning Cluster would provide a comparative look at five major Pacific cities, along with brief comparisons of four smaller towns connected to these cities by transit.

Vancouver: this case provides an interesting cross-country comparison. Vancouver is home to one of the North America's most extensive transit systems, based largely around the recently expanded Skytrain system, and features a uniquely multiethnic ridership (Heisz and Schellenberg 2004). We will also travel via public transit to nearby **Victoria**, taking BC Ferries across to the Straits to take Victoria transit's unique double-decker buses (Stewart 2008).

Seattle: The Puget Sound Region is connected via a strong network of intra- and inter-city transit. Seattle is home to one of the world's first monorails, and recently unveiled a new light rail line connecting to the airport. But Seattle also recently cut free downtown transit (Lindblom 2012), offering us a chance to engage with anti-poverty advocates hoping to challenge this shift. We will also visit **Tacoma**, where urban renewal has hinged on the state's first electric light rail system, one which operates free of charge. The two cities have similar racial composition and income distributions, but seem to view the relationship between urban growth and mass transit in different ways.

Portland: is known for its extensive transit system, including not only light rail and bus systems, but also streetcars, commuter rail, and aerial trams. Portland is also known for having the highest proportion of biking commuters in North America. It is no coincidence that Portland is known for its artistic culture and transit alternatives, making this an exciting case study.

San Francisco: The Bay Area is home to a great range of different transportation systems, including Caltrain, MUNI, BART, Samtrans, and other. Its most iconic image is the public streetcar, operated by MUNI, and Caltrain connects commuters from as far away as San Jose. But despite being one of the most advanced transit systems in the United States, drivers and transit passengers tend to come from disparate socio-economic groups (Shen and Kawabata 2007), making San Francisco a particularly important stop for our Learning Cluster.

Los Angeles: While home to a range of transit systems, Southern California is known for its lack of public transit (Weiner 1999). Los Angeles once boasted the most extensive rail system in the world, but this was dismantled in a well-publicized case of corporate collusion (Slater 1997). However transit is making a comeback in Los Angeles, leading to rapid urban renewal. This revitalization, though, has not been felt in the surrounding area, as communities such as those in **Orange County** still lack adequate transit alternatives.

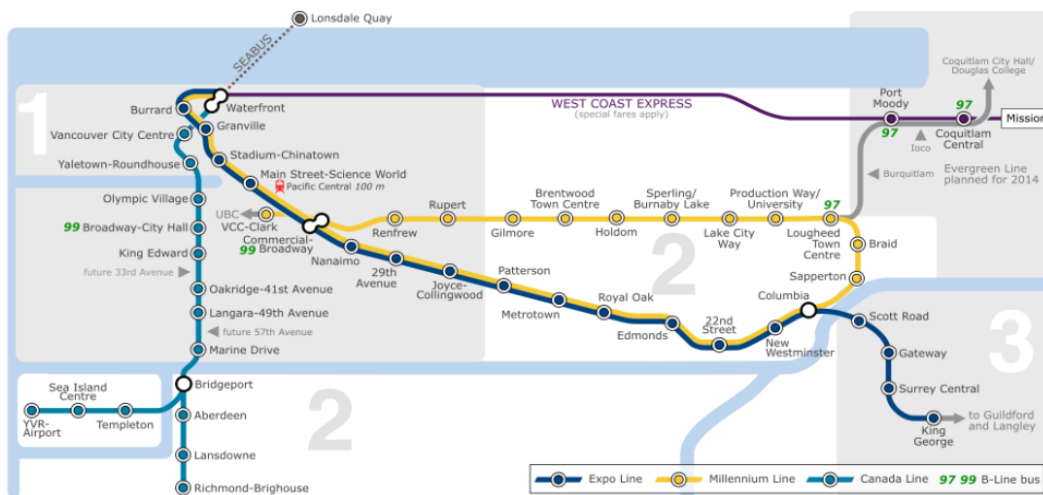


Itinerary

To Vancouver

08 JAN	Tuesday
1245	Shuttle Leaves Soka University
1435	Westjet 1755 leaves SNA #ABXQXU
1732	Westjet 1755 arrives YVR
1830	Meet at Original Joe's for dinner (Broadway City Hall Stop)

Students	Hosts	Address	Contact
Akemi & Akari	Go Murakami (Landlady: Joan)	3885 West Broadway St	M. 604-347-6604 H. 604-224-0577
Ian & Matthew	Jan Luedert	#1506, 1450 Chestnut St	778-999-4360
Yoko & Sherry	Nathan & Jill	#207, 1107 West 14 th Ave	604-862-3975
Amanda & Nancy	Gabby Kalaw	#105, 2540 Ontario St.	604-837-8528
Luisa & Laura	Rishima	#2005, 128 West Cordova St	604-808-5108
Ashlyn & Manal	Josh & Taryn	Pender @ Keefer	604-655-9379
Shane	Corey Baastians	#405, 1905 Robson St	604-779-6651



Vancouver, BC Canada

09 JAN	Wednesday
0900	Meet with Bill Knight and Jeff Busby, Translink
1230	Getting to know Vancouver transit: Scavenger Hunt
1600	Meet at Vancouver Public Library
1645	West Coast Express, 97 B-Line
10 JAN	Thursday
0900	Class at University of British Columbia, Math 102 Discussions: What is mass transit; history; students case studies; transit maps; BC Transit Readings: Ovenden, Mark "Early Rail Maps," <i>Transit Maps of the World</i> (Penguin, 2007); pp. 6-9 Meligrana, John F. "Toward Regional Transportation Governance: A Case Study of Greater Vancouver," <i>Transportation</i> 26:4 (1999); pp. 359-398.
1530	Meet at Kafkas: group activities to Surrey, Richmond, and West Vancouver

- 11 JAN Friday
 0900 Class at University of British Columbia, Scarf 1021
 Discussions: Transit and Ethnicity; immigrants; Skytrain; student book reviews; technologies
Readings: Heisz, Andrew, "Public Transit Use among Immigrants," *Government of Canada* (2004)
 1300 Meeting with Adam Cooper, UBC Transportation & Sustainability
 Discussion will focus on U-Pass, UBC Rapid Transit Subsidy
 Gardenia Room, 2260 West Mall
 1500 Discussions: Building new rapid transit; Victoria Transit

Victoria, BC Canada Day Trip

- 12 JAN Saturday
 0745 #620 leaves Tsawwassen Ferry
 0900 BC Ferries to Victoria
 1100 Bus 70x into Victoria (double-decker transit)
 1200 Explore Victoria: Optional Scavenger Hunt
 1700 Meet at Solstice Café, 529 Pandora Ave
 1800 Bus 70x to Tsawwassen
 1900 BC Ferries to Vancouver
 2130 Arrive Vancouver

To Seattle

- 13 JAN Sunday
 1400 Bolt Bus leaves Vancouver #A01-9755013-13
 1800 Bolt Bus arrives Seattle
 St. John's Apt: 725 East Pike St, Johnny 360-561-8831
 Apt 203 (5 people); Apt 304 (4 people); Apt 309 (6 people)
 1800 Dinner discussion: pizza and drinks (on me), do laundry
 Discussion: *Transit and Urban Poverty*

Readings

- Garrett, Mark & Brian Taylor, "Reconsidering Social Equity in Public Transit," *Berkeley Planning Journal* 13:1 (1999); 6-27.
 Lindblom, Mike, "[End of Seattle's Free-Ride Zone to Hit Poorest of the Poor Hardest](#)," *Seattle Times* (25 Sept 2012).

Seattle, WA

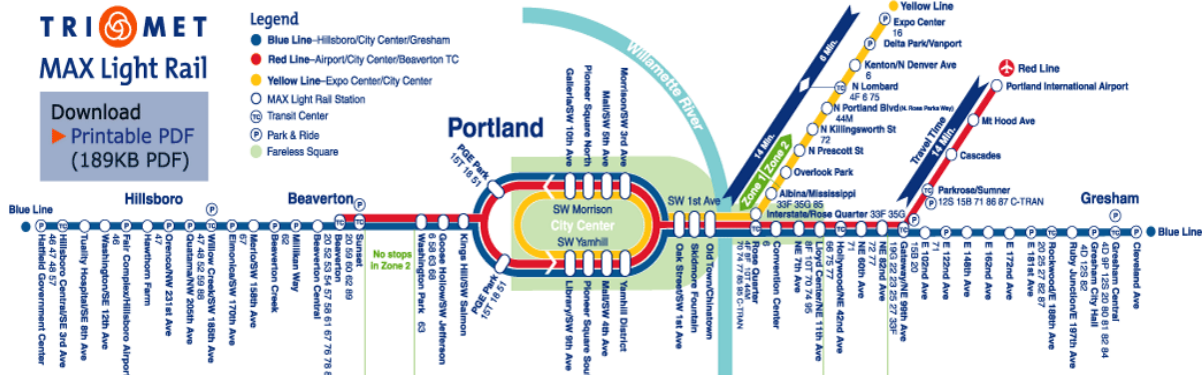
- 14 JAN Monday
 1000 Meet with Jeff Lee, King County, room 8J 201 S. Jackson
 1200 Tour: Transit Tunnel & Light Rail
 1430 Old Monorail
 1500 Rapid Ride D back to downtown
 1530 Meet with Katie Wilson, Transit Rider's Union
- 15 JAN Tuesday
 1100 Sound Transit Meeting with Andrew Schmid
 1300 Getting to know Seattle transit: Scavenger Hunt
 1515 Sounder Commuter Rail to Tacoma
 1614 Arrive Tacoma, explore free Tacoma Link light rail
 1831 Bus #594 to Seattle, arrive 1919



To Portland

16 JAN Wednesday
 1125 Amtrak 513 leaves Seattle
 1455 Amtrak arrives Portland
 1800 Shane and Ian Presentation at Portland State University

Students	Host	Address	Contact
Laura & 3 others	Shirley Sykes	#607, 1000 SW Vista Ave	
Matthew	Sister	#307, 1312 SW 10 th Ave	602-301-1141
Rest of Group	Buckman House	1715 SE Ash St	503-952-6583



Portland, OR

17 JAN Thursday
 0900 Meet with Eric Hesse, Trimet Coordinator of Strategic Planning
 1300 Class at Portland State University, East Hall Room 331
 Discussion Themes: *Portland Transit & Urban Planning*

Readings

Dueker, Kenneth J. and Martha J. Bianco, "Light Rail Transit Impacts in Portland: The First Ten Years," *Transportation Discussion Paper* (January 1999).

Song, Yan and Gerrit-jan Knaap, "Measuring Urban Form: Is Portland Winning the War on Sprawl?" *Journal of the American Planning Association* 70:2 (Spring 2004); pp. 210-225.

1500 Getting to know Portland: Scavenger Hunt

18 JAN Friday
 0900 Class at Portland State University, East Hall Room 331
 Discussion Themes: *Transit and Health: Community and Physical*

Readings

Currie, Graham, and Janet Stanley, "Investigating Links between Social Capital and Public Transport," *Transport Reviews* 28:4 (July 2008); pp. 529-547.

Stokes, Robert J., John MacDonald, and Greg Ridgeway, "Estimating the Effects of Light Rail Transit on Health Care Costs," *Health & Place* 14 (2008); pp. 45-58.

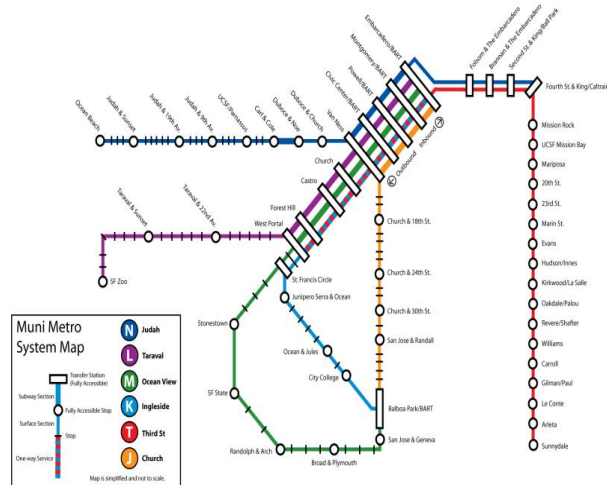
1400 Meet with C-Tran officials in Vancouver, Washington

19 JAN Saturday: Free Time

To San Francisco

20 JAN Sunday
 1310 Virgin Air Leaves Portland #YOLUOE
 1530 Virgin Air Arrives San Francisco

Students	Host	Address	Contact
Laura, Louisa, Akari, Akemi, Nancy	Laura Family	271 Klamath St Brisbane	
Ashlyn	Velo	1833 Harmon St., Apt C	510-393-8581
Manal	Friend	55 Chumaseo Dr	303-829-7483
Matthew, Ian, Amanda	Da Vinci Hotel	2550 Van Ness Ave	415-529-2500
Shane, Melissa, Sid, Sherry, Yoko	Glenview Home Lock Box: 1,9,0,6	157 Glenview Dr. Forest Hill Muni	415-378-9453



San Francisco, CA

21 JAN Monday Martin Luther King Holiday
 1300 Getting to know San Francisco: Scavenger Hunt
 PM Social capital! Discussion Themes: *California High Speed Rail and Transit Organization*

Readings

Ryder, Andrew, "High Speed Rail," *Journal of Transport Geography* 22 (2012); pp. 303-305.
 Terplan, Egon and Heng Gao, "[Getting High-Speed Rail on Track](#)," *The Urbanist* (July 2012).
 Viton, Philip A., "How Big Should Transit Be? Evidence of the Benefits of Reorganization from the San Francisco Bay Area," *Transportation* 20 (1993); pp. 35-57.

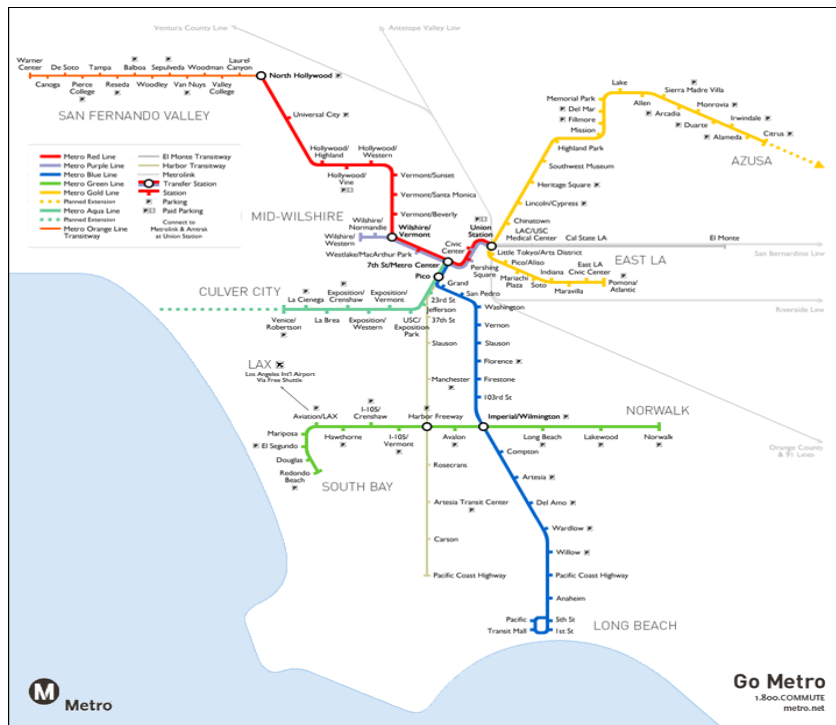
22 JAN Tuesday
 1000 Walking Tour of Market / Octavia with Professor Jason Henderson, SFSU
 1400 Cable Car Museum

23 JAN Wednesday
 1000 Meet with Grace Crunican, General Manager of BART
 1600 Meet with Betty Deakin, UC Berkeley

To Los Angeles

24 JAN Thursday
 1230 Megabus leaves San Francisco, Caltrain Station
 2010 Megabus arrives Los Angeles, Union Station

Students	Host	Address	Contact
Akari	Nakagome Family	4151 Jackson Ave	310-739-0927
Luisa & Matthew	Madrid Family	1332 West 60st	323-338-9179
Laura	Sister	#703, 221 South Olive St	
Amanda & Ashlyn	Kiyoko Nakano	#306, 1271 Stoner Ave	
Akemi	Roommate's Friend	#103, 507 Glenrock Ave	
Nancy & Manal	Rafi Silva	507 Glenrock Ave	619-840-5516
Yoko & Sherry & Ian	George Ryu	1870 S. Orange Grove Ave	310-999-8107
Shane, Melissa, Sid	Marriott Pasadena	180 North Fair Oaks Ave	



Los Angeles, CA

25 JAN Friday
 1100 Meet with Marc Littman, Metro 213-922-4609
 Palos Verde Conference Room, 19th Floor, One Gateway Plaza
 1400 Meet with Phil Aker, LA DOT
 100 South Main, 10th Floor
 1700 Dinner at Japanese Curry House

26 JAN Saturday
 1000 Getting to know Los Angeles: Scavenger Hunt
 1300 Meet at Café Demitasse, Little Tokyo
 1630 OC Line leaves LA Union Station
 1750 Arrive Laguna Niguel

Orange County, CA

27 JAN

Sunday

28 JAN

Monday

0900

Catch #83 from Laguna Hills Mall

1000

Meeting with Orange County Transportation Authority

Conference Room 829, 600 South Main St, Orange CA

Welcome: Ted Nguyen, Community & Media Relations Manager

Community Transportation: Dana Wiemiller, Community Transportation

Environmental: Lesley Hill, Development Project Manager

Long-Range Planning: Greg Nord, Planning Transportation Analyst

1430

Discussion Themes: *Los Angeles Transit* and *the Automobile*

Readings

Slater, Cliff. "General Motors and the Demise of Streetcars," *Transportation Quarterly* 51:3 (Summer 1997); pp. 45-66.

Wachs, Martin. "Autos, Transit, and the Sprawl of Los Angeles: The 1920s," *Journal of the American Planning Association* 50:3 (1984); pp. 297-310.

1515

Discussion Theme: The Impossibility of Transit in Orange County

1600

Conclusions, course evaluations

29 JAN

Tuesday

Learning Cluster Fair

30 JAN

Wednesday

1030-230

Assignments Line

20% Participation

15% Transit in Global Perspective Due 10 January

Students will write a brief (3-4 pages) paper which describes and analyzes mass transit in areas not covered in this course. Students will discuss their findings in class. This short paper should probably be organized around a simple research question, so avoid pure description (which is really boring).

15% Book Review Due 11 January

Students will write a brief (3-4 pages) review of an academic book related to transit, automobile culture, or a related topic. Students must consult with the professor regarding their books. Students will present their reports in class at the University of British Columbia at the beginning of the trip. Remember, a book review should not simply describe the book (or at least a descriptive overview should be limited to the first paragraph or so). Instead, analyze. Consider one or two of the following approaches: what makes this book great, what is missing, what makes this book bad?

30% Transit Proposal / Essay Due 01 February, 9pm at my place

Students will write either an essay based on course research questions or a policy proposal for rapid transit in Orange County (taking into account local politics, connections to other transit lines, and technology). Papers will be 6-8 pages in length.

20% Learning Cluster Fair Assignments 30 January

Students will also be graded based on their contributions to the Learning Cluster Fair. Assignments here will be visual representations of our experiences. They may include art projects, photo essays, videos, or other ways to communicate what we learned to the Soka Community. Another possibility would be to make fold-up pocket maps, the kind distributed by transit officials, which would detail our route and some of our research topics.

● **Research Lines** ●

● **Environment & Well-Being**

- What are the costs of not utilizing mass transit?
- How can rapid transit combat environmental degradation?
- What are the tradeoffs involved in different fuel systems?
- How does transit interact with other transportation alternatives, such as cycling?
- How does the presence of transit options affect physical health?

● **Culture & Society**

- How does transit affect community health?
- What does the automobile do to society, and how can transit change this?
- What is the linkage between mass transit and urban renewal?
- Who rides the bus?
- How can transit reduce inequality and increase upward mobility?
- Why do some systems offer free downtown transit, while others do not?
- How does rapid transit affect ethnic integration or segregation?
- Why are women over 2/3 of all transit riders?
- How can transit help senior citizens?
- Why are many people reluctant to embrace transit?

● **History**

- What is the history of transit in Vancouver, Seattle, Portland, San Francisco, and Los Angeles?
- Why did Standard Oil and Firestone destroy Los Angeles transit, and will it ever recover?
- Why did parking companies lobby against the LAX link on the Green Line? Why is it being built now?
- Why was the Aliso Viejo shuttle shot down by residents?

● **Politics & Economics**

- Can transit stimulate the economy?
- How does rapid transit support tourism?
- How do different transit systems decide on and enforce the collection of fares?
- What are some of the differences between public and private transit?
- What are some of the challenges of transit crossing international borders?
- Under what conditions do local governments give the green light to build new transit?
- Why did transit officials in Seattle and Portland recently eliminate downtown free ride zones?
- What conditions have led to the recent expansion of rapid transit in Los Angeles?
- Why is transit so poor in Orange County?
- Is high speed rail coming to California?

● **Organization & Technology**

- How do overlapping transit systems interact with one another?
- How does the organization of transit authorities vary in different communities?
- What types of transit technologies are available and what are the tradeoffs involved?

● Readings Line ●

● Environment & Well-Being

- Chen, Yihsu, and Alexander Whalley, "[Green Infrastructure: The Effects of Urban Rail Transit on Air Quality](#)," *University of California Center for Energy and Environmental Economics* (May 2011).
- Dauvergne, Peter, *The Shadows of Consumption: Consequences for the Global Environment* (Cambridge: MIT Press, 2008).
- Deakin, Elizabeth, "Climate Change and Sustainable Transportation: The Case of California," *Journal of Transportation Engineering* 137:6 (June 2011); pp. 372-384.
- King, Leslie, and Deborah McCarthy, *Environmental Sociology: From Analysis to Action* (New York: Rowman and Littlefield, 2009).
- Litman, Todd, "[Evaluating Public Transportation Health Benefits](#)," *Victoria Transport Policy Institute* (June 2010).
- Lomborg, Bjørn, *The Skeptical Environmentalist: Measuring the Real State of the World* (Cambridge: Cambridge University Press, 2001).
- Public Broadcasting System, "[Blueprint America: Road to the Future](#)" (Documentary: 2009).
- Register, Richard, *Ecocities: Rebuilding Cities in Balance with Nature* (Gabriola Island: New Society Publishers, 2006), Chapter Six: Access and Transportation; pp. 137-180.
- Walker, Jarrett, *Human Transit: How Clearer Thinking about Public Transit can Enrich our Communities and our Lives* (New York: Island Publishers, 2011).

● Culture & Society

- American Radio Works and Transportation Nation, "[Back of the Bus: Mass Transit, Race, and Inequality](#)" (Documentary)
- Cass, Noel, Elizabeth Shove, and John Urry, "[Social Exclusion, Mobility, and Access](#)," *The Sociological Review* 53:3 (2005); pp. 539-555.
- Cervero, Robert, *The Transit Metropolis: A Global Inquiry* (New York: Island Press, 1988).
- Currie, Graham, and Janet Stanley, "[Investigating Links between Social Capital and Public Transport](#)," *Transport Reviews* 28:4 (July 2008); pp. 529-547.
- Green, Gregory, *The End of Suburbia* (Film: 2004).
- El-Geneidy, Ahmed et al, "Evaluating the Impacts of Transportation Plans Using Accessibility Measures," *Canadian Journal of Urban Research* 20:1 (2011); pp. 81-104.
- Hanson, Susan, and Genevieve Giuliano, editors, *The Geography of Urban Transportation* (New York: Guilford Press, 2004).
- Heisz, Andrew and Grant Schellenberg, "[Public Transit Use among Immigrants](#)," *Government of Canada* (May 2004).
- Kawabata, Mizuki and Qing Shen, "Commuting Inequality between Cars and Public Transit: The Case of the San Francisco Bay Area, 1990-2000," *Urban Studies* 44:9 (August 2007); pp. 455-467.
- Knowles, Richard, Jon Shaw, and Iain Doherty, editors, *Transport Geographies: Mobilities, Flows, and Spaces* (London: Wiley, 2008).
- Kunstler, James Howard, *The Geography of Nowhere* (New York: Free Press, 1994).
- Mamon, Joyce A. and Harvey Marshall, "The Use of Public Transportation in Urban Areas: Toward a Causal Model," *Demography* 14:1 (February 1977); pp. 19-31.
- Miller, Daniel, editor, *Car Cultures* (Oxford: Berg Publishers, 2008).
- Sanchez, Thomas W., Rich Stolz, and Jacinta S. Ma, "[Moving to Equality: Addressing Inequitable Effects of Transportation Policies on Minorities](#)," *Harvard Civil Rights Project Report* (2003).
- Van Vugt, Mark, Ree M. Meertens, and Paul A.M. van Lange, "Car versus Public Transport? The Role of Social Value Orientations in a Real-Life Social Dilemma," *Journal of Applied Psychology* 25:3 (1995); pp. 258-278.
- Yago, Glenn, "The Sociology of Transportation," *Annual Review of Sociology* 9 (1983); pp. 171-190.

● History

- Bottles, Scott L. *Los Angeles and the Automobile: The Making of the Modern City* (Berkeley: University of California Press, 1987).
- Rose, Mark H., Bruce E. Seely, and Paul F. Barrett, *The Best Transportation System in the World: Railroads, Trucks, Airlines, and American Public Policy in the Twentieth Century* (Columbus: Ohio State University Press, 2006).
- Slater, Cliff. "[General Motors and the Demise of Streetcars](#)," *Transportation Quarterly* 51:3 (Summer 1997); pp. 45-66.
- Wachs, Martin. "[Autos, Transit, and the Sprawl of Los Angeles: The 1920s](#)," *Journal of the American Planning Association* 50:3 (1984); pp. 297-310.

● Politics & Economics

- Banister, David and Joseph Berechman, *Transport Investment and Economic Development* (London: Routledge, 2001).
- Filion, Pierre and Kathleen McSpurren, "Smart Growth and Development Reality: The Difficult Coordination of Land Use and Transport Objectives," *Urban Studies* 44:3 (March 2007); pp. 501-523.
- Furness, Zack, *One Less Car: Bicycling and the Politics of Automobility* (Philadelphia: University of Pennsylvania Press, 2010).
- Gifford, Jonathan Lewis, *Flexible Urban Transportation* (London: Pergamon, 2003).
- Lewis, David, and Fred L. Williams, *Policy and Planning as Public Choice: Mass Transit in the United States* (London: Ashgate Press, 1999).
- Lindblom, Mike, "[End of Seattle's Free-Ride Zone to Hit Poorest of the Poor Hardest](#)," *The Seattle Times* (25 September 2012).
- Paterson, Matthew, *Automobile Politics: Ecology and Cultural Political Economy* (Cambridge: Cambridge University Press, 2007).
- Quinet, Emile and Roger William Vickerman, *Principles of Transport Economics* (New York: Edward Elgar, 2004).
- Richmond, Jonathan. "[The Mythical Conception of Rail Transit in Los Angeles](#)," *Journal of Architectural and Planning Research* 15:4 (Winter 1998); pp. 294-320.
- Weisbrod, Glen and Arlee Reno, "Economic Impact of Public Transportation Investment," *American Public Transportation Association* (October 2009)

● Organization & Technology

- Bradsher, Keith, *High and Mighty: SUVs: The World's Most Dangerous Vehicles and how they got that Way* (New York: Perseus 2002).
- Curtis, Carey, John L. Renne, and Luca Bertolini, *Transit Oriented Development: Making It Happen* (London: Ashgate, 2009).
- Meligrana, John F. "[Toward Regional Transportation Governance: A Case Study of Greater Vancouver](#)," *Transportation* 26:4 (1999); pp. 359-398.
- Post, Robert C., *Urban Mass Transit: the Life Story of a Technology* (Baltimore: Johns Hopkins University Press, 2009).
- Stewart, Gayle Lorraine, *Repositioning BC Ferries: From Crown Corporation to Administrative Hybrid* (Master's Thesis: University of British Columbia, 2008).
- Transportation Alternatives*, www.transalt.org
- Tumlin, Jeffrey, *Sustainable Transportation Planning: Tools for Creating Vibrant, Healthy, and Resilient Communities* (New York: Wiley, 2012).
- Weiner, Edward, *Urban Transportation Planning in the United States: History, Policy, and Practice* (Washington: Springer, 2008).