

CURRICULUM VITAE

(Updated January, 2018)

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Research Areas: Transportation consumption (/ new transportation technologies); Travel behavior;
Disadvantaged groups (/ seniors, women, and minorities); Social equity in infrastructure policy; and the
Land use-transportation connection

Teaching Areas: Transportation, Geographic Information Systems, Urban Design, International Planning

EDUCATION

<i>Degree</i>	<i>University</i>	<i>Department</i>	<i>Year</i>
Ph.D.	University of California, Berkeley, USA	City & Regional Planning	12/2012
M.C.P. / M. Arch	University of California, Berkeley, USA	City & Regional Planning / Architecture	12/2002
B. Arch	Maharaja Sayajirao University, Baroda, India	Architecture	03/1998

ACADEMIC AND PROFESSIONAL APPOINTMENTS

<i>Date</i>	<i>Rank and/or Position</i>	<i>Department / Group</i>	<i>Institution</i>
07/2014-	Assistant Professor	URP Program, Dept. of Earth and Atmospheric Sciences	Univ. of Alberta, Edmonton
06/2013- 12/2013	Research Data Analyst	Institute of Urban and Regional Development	Univ. of California, Berkeley
01/2013- 05/2013	Lecturer	Dept. of City & and Regional Planning	Univ. of California, Berkeley
07/2012-	Teaching Assistant	College of Environmental	Univ. of California,

08/2012		Design	Berkeley
07/2007- 12/2011	Research Assistant	Institute of Urban and Regional Development / Global Metropolitan Studies	Univ. of California, Berkeley
07/2005- 06/2007	Business Development Manager	Infrastructure Planning	Shirgaokar & Associates, Architects and Planners, Baroda
07/2003- 06/2005	Research Specialist / Asso. Dev. Engg.	Institute of Transportation Studies	Univ. of California, Berkeley
10/1999- 07/2003	Research Assistant	University of California Transportation Center	Univ. of California, Berkeley
01/2000- 05/2000	Teaching Assistant	Dept. of Architecture	Univ. of California, Berkeley
06/1997- 07/1999	Assistant Architect	Architecture	Shirgaokar & Associates, Architects and Planners, Baroda
07/1997- 05/1998	Lecturer	Dept. of Architecture	Maharaja Sayajirao Univ., Baroda, India

A. RESEARCH

* Co-author was a student when working on the research / *Italicized* co-author was a staff researcher

Papers in Refereed Journals

9. **Shirgaokar, M.** and Khandker, H. (2017). How does the inclination to bicycle sway the decision to ride in warm and winter seasons? *International Journal of Sustainable Transportation*. doi:10.1080/15568318.2017.1378779 (Available online September 2017)
8. **Shirgaokar, M.** and Rumbach, A. (2018). Investigating housing tenures beyond homeownership: A study of informal settlements in Kolkata, India. *Housing Studies*, 33(1), pp.117-139. doi:10.1080/02673037.2017.1344955 (Available online July 2017)
7. Rivadeneyra, A.*, **Shirgaokar, M.**, Deakin, E., and Riggs, W. (2017). Building more parking at major employment centers: Can full-cost recovery parking charges fund TDM programs? *Case Studies on Transport Policy*, 5(1), pp.159-167. doi:10.1016/j.cstp.2016.10.002 (Available online October 2016)
6. Rumbach, A. and **Shirgaokar, M.** (2016). Predictors of household exposure to monsoon rain hazards in informal settlements in Kolkata, India. *Natural Hazards*, 85(2), pp.709-728. doi:10.1007/s11069-016-2599-z

5. **Shirgaokar, M.** (2016). Expanding cities and vehicle use in India: Differing impacts of built environment factors on scooter and car use in Mumbai. *Urban Studies*, 53(15), pp. 3296-3316. doi:10.1177/0042098015608050 (Available online October 2015)
4. **Shirgaokar, M.** (2014). Employment centers and travel behavior: Exploring the work commute of Mumbai's rapidly motorizing middle class. *Journal of Transport Geography*, 41, pp. 249-258. doi:10.1016/j.jtrangeo.2014.10.003
3. **Shirgaokar, M., Deakin, E., and Duduta, N.*** (2013). Integrating building energy efficiency with land use and transportation planning in Jinan, China. *Energies*, 6(2), pp. 646-661. doi:10.3390/en6020646
2. Deakin, E., **Shirgaokar, M.**, et al. (2006). System plan for California's Bay Area Regional Express Bus Service. *Transportation Research Record: Journal of the Transportation Research Board*, 1986, pp. 190-197. doi:10.3141/1986-25
1. **Shirgaokar, M.** and Deakin, E. (2005). Study of park-and-ride facilities and their use in the San Francisco Bay Area of California. *Transportation Research Record: Journal of the Transportation Research Board*, 1927, pp. 46-54. doi:10.3141/1927-06

Conference Papers (Full paper refereed)

13. "A socio-psychological framework to operationalize gender-based transportation preferences: Incorporating time budgets and risk averseness", presented at the 97th Annual Meeting of the Transportation Research Board, Washington, D.C., January 9, 2018
12. "Finding support for "green" transportation taxes: Should we look for supportive places or supportive people?", with Agrawal, A. and Nixon, H., presented at the 97th Annual Meeting of the Transportation Research Board, Washington, D.C., January 8, 2018
11. "Riding LRT or taking the bus? Examining variation in social equity within the transit market across a city geography", presented at the 96th Annual Meeting of the Transportation Research Board, Washington, D.C., January 10, 2017
10. "Which barriers prevent seniors from accessing Transportation Network Company (TNC) services? Identifying ways forward for a gendered policy approach", presented at the 96th Annual Meeting of the Transportation Research Board, Washington, D.C., January 10, 2017
9. "Variations in household exposure to flood hazards in informal settlements: A study of Kolkata, India", with Rumbach, A., presented at the 46th Annual Conference of the Urban Affairs Association, San Diego, March 17, 2016
8. "Exploring user perspectives to increase winter bicycling mode share in Edmonton, Canada", with Gillespie, D.*, presented at the 95th Annual Meeting of the Transportation Research Board, Washington, D.C., January 12, 2016
7. "The cost versus price for parking spaces at major employment centers: Findings from UC Berkeley", with Rivadeneyra, A.*, Deakin, E., and Riggs, W., presented at the 94th Annual Meeting of the Transportation Research Board, Washington, D.C., January 13, 2015

6. "Suburbanization of the Indian city: Impacts on car and two-wheeler use in Mumbai", presented at the 92nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 16, 2013
5. "Vehicle ownership in middle-class Indian households: Mobility in Mumbai", presented at the 92nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 14, 2013
4. "Employment centers and middle-class travel behavior: The case of Mumbai", presented at the 91st Annual Meeting of the Transportation Research Board, Washington, D.C., January 23, 2012
3. "Integrated approach to sustainable transportation, land use, and building design: Case of Luokou District, Jinan, China", with Deakin, E. and *Zhang, X.*, presented at the 89th Annual Meeting of the Transportation Research Board, Washington, D.C., January 11, 2010
2. "System Plan for California's Bay Area Regional Express Bus Service", with Deakin E., et al., presented at the 85th Annual Meeting of the Transportation Research Board, Washington, D.C., January 22-26, 2006
1. "Study of park-and-ride facilities and their use in the San Francisco Bay Area of California", with Deakin E., presented at the 84th Annual Meeting of the Transportation Research Board, Washington, D.C., January 9-13, 2005

Other Conference Papers (Abstract refereed)

8. "Tracing the geography of fatalities from policing in the United States: What do transportation-related incidents tell us?" presented at the 57th Annual Conference of the Association of Collegiate Schools of Planning, Denver, October 14, 2017
7. "Raise transit funding through gas taxes or higher fares? An exploration of opinions across urbanized areas in the united states, 2012-2016", with Agrawal, A. and Nixon, H., presented at the 57th Annual Conference of the Association of Collegiate Schools of Planning, Denver, October 13, 2017
6. "Do time constraints faced by Canadian women influence their travel behavior and mode choice differently than men?", with Bennett, K.*, presented at the 56th Annual Conference of the Association of Collegiate Schools of Planning, Portland, November 5, 2016
5. "Investigating barriers to using TNC Services for seniors (65 and over) in Edmonton, Canada", with Reiniger, J.*, presented at the American Association of Geographers' Annual Meeting, San Francisco, March 31, 2016
4. "The impact of free residential parking on parking pricing policies in employment centers and commercial districts", with Deakin, E., presented at the 54th Annual Conference of the Association of Collegiate Schools of Planning, Philadelphia, October 30, 2014
3. "Managing campus parking: Supply, demand and regulatory practices at the University of California, Berkeley", with Deakin, E., presented at the 54th Annual Conference of the Association of Collegiate Schools of Planning, Philadelphia, October 30, 2014

2. “Motorized two-wheeler ownership and use in India: The case of Mumbai”, presented at the Urban Transport Pathways Conference, David Brower Center, Berkeley, September 13, 2012

1. “Transit oriented development in the Chinese context—A case from Jinan”, with Duduta, N.*, presented at the 14th Annual University of California Transportation Center Conference, UC Riverside, February 13, 2009

Reports, Working Papers, and Other Articles

13. Bennett, K.* and Shirgaokar, M. (2016). “Social sustainability of public transit: An overview of the literature and findings from expert interviews”, report submitted to Transit Strategy, Transportation Planning, City of Edmonton
12. Deakin, E., Rivadeneyra, A.*, *Shirgaokar, M.*, and Riggs, W. (2014). “Parking innovations in the City of Berkeley: Evaluation of the goBerkeley program”, report submitted to the City of Berkeley, California
11. Deakin, E., Miller, R.*, Pincus-Roth, E.*, Wickland, T.*, Sen, A.*, *Shirgaokar, M.*, Liu, Q.*, and Riggs, W. (2013). “Campus parking demand: Results from baseline data collection and analysis”, report submitted to the University of California, Berkeley
10. Shirgaokar, M. (2013). “Limitations of the Anti-Floor Space Index Position”, *Economic & Political Weekly (EPW)*, 48(29), pp. 123-125
9. Shirgaokar, M. (2012). “The rapid rise of middle-class vehicle ownership in Mumbai”, University of California, Berkeley. Doctoral dissertation. Committee: Elizabeth Deakin (Chair), Robert Cervero, Joan Walker
8. Deakin, E., Duduta, N.*, Shirgaokar, M., and *Tal, G.* (2010). “Transit-oriented development (TOD) design proposals for Fresno”, report submitted to the California High Speed Rail Authority
7. Deakin, E., Shirgaokar, M., et al. (2008). “Transit oriented development for High Speed Rail (HSR) in the Central Valley, California: Design Concepts for Stockton and Merced”, report submitted to the California High Speed Rail Authority
6. Deakin, E., *Shirgaokar, M.*, et al. (2005). “System plan for California’s Bay Area Regional Express Bus Service”, report submitted to Department of Transportation, California, District 4
5. Deakin, E., *Shirgaokar, M.*, et al. (2003). “Intelligent transportation systems: A compendium of technology summaries”, University of California Transportation Center, working paper # 621
4. Shirgaokar, M. (2002). “Living at the International House, Berkeley”, University of California, Berkeley. Master’s research thesis. Committee: Galen Cranz (Chair), Clare Cooper Marcus, Renee Chow, Kenneth Craik
3. *Shirgaokar, M.* and Deakin, E. (2001). “California housing trends: Implications for transportation planning”, University of California Transportation Center, working paper # 532

2. Deakin, E., Shirgaokar, M., et al. (2001). “Overview and summary: Twelve trends for consideration in California’s transportation plan”, University of California Transportation Center, working paper # 529
1. Shirgaokar, M. (1998). “Center for Creative Arts, North Maharashtra University, Jalgaon”, *Journal of the Indian Institute of Architects*, Volume 63, Issue 01

Grants/Contracts

(All grants > USD 1,000 beginning 2007) (Type: G – Government; U – University)

<i>Year</i>	<i>Grantor</i>	<i>Purpose</i>	<i>PI</i>	<i>Type</i>	<i>Amount</i>
2015	City of Edmonton, Transit Planning	Project Funding	Shirgaokar	G	CAD 6,000
	<i>Project title: Social sustainability in transit: Policy guidance for Edmonton Transit System</i>				
2014	Univ. of Alberta, Edmonton	Research Funding	Shirgaokar	U	CAD 68,500
	<i>Project title#1: Seniors and ridesourcing: Investigating barriers to using Uber-like Services</i>				
	<i>Project title#2: Determinants of scooter, motorcycle, and car ownership in India</i>				
2011	Univ. of California Transportation Center, Berkeley	Dissertation Research	Shirgaokar	U	USD 20,000
	<i>Project title: Understanding the links between regulatory costs, aspirations, social status, and (un)sustainable travel behaviors</i>				
2011	Univ. of California, Berkeley, Graduate Dean’s Grant	Dissertation Research	Shirgaokar	U	USD 30,000
	<i>Project title: Impacts of higher travel costs on motorization in India</i>				
2010	Eisenhower Travel Grant, Federal Highway Authority	Conference	Shirgaokar	G	USD 1,500
	<i>Project title: Climate change: A global challenge</i>				
2010	Univ. of California, Berkeley, Dept. of City & Regional Plng	Research Block Grant	Shirgaokar	U	USD 2,500
	<i>Project title: (Dissertation development)</i>				
2009	Univ. of California, Berkeley, Dept. of City & Regional Plng	Research Block Grant	Shirgaokar	U	USD 5,000
	<i>Project title: (Dissertation development)</i>				

2008 Univ. of California, Research Shirgaokar U USD 8,000
Berkeley, Dept. of Block Grant
City & Regional Plng
Project title: (Dissertation development)

Other Grants:

2010, 2009, 2008, 2001, 2000 Grant-In-Award, Berkeley International Office, Univ. of
California, Berkeley
2000 International House Scholarship, Berkeley
2000, 1999 Block Grant, Dept. of Architecture, Univ. of
California, Berkeley

B. TEACHING

Courses Taught

University of Alberta, Edmonton: (2014 onward – Assistant Professor)

- PLAN 485/HGP 485: Transportation Planning and Policy (G/UG) (Fall 2018/2016, Winter 2015)
(Seminar; 20 students)
- PLAN 570/HGP 570/HGP 470: Geographical Information Systems (G/UG) (Winter 2018, 2017-15)
(Lecture + Lab; 30 students)
- HGP 211: Design Fundamentals for Planners (UG) (Winter 2018, 2017-16)
(Studio; 20 students)

University of California, Berkeley: (2013-12; 2000)

- CRP 218: Transportation Planning Studio (G) (Lecturer, Spring 2013)
- InCity: Sustainability Studio (UG) (Teaching Assistant, Summer 2012)
- ED 4: People and the Environment (UG) (Teaching Assistant, Spring 2000)

Maharaja Sayajirao University, Baroda (1998-1997)

- Sciography and Perspective (UG) (Lecturer, Spring 1998)
- Solid Geometry (UG) (Lecturer, Fall 1997)

Advising and Thesis Committees

Doctoral

2. Reynard, D., “How will carbon pricing affect urban mobility in Canada?” (PhD Urban and Regional Planning – Co-Advisor)

1. Talaei, A., “Analysis of long-term energy efficiency improvement and GhG mitigation potential in Canada’s manufacturing industries”, 2017 (PhD Mechanical Engineering candidacy defense – External examiner)

Master’s

7. Anderson, L., “Travel choices of mobility disadvantaged groups”, 2018-19 (Advisor)

6. Woo, M., “A framework incorporating travel demand management for urban highway planning in Alberta”, 2018 (MSc Transportation Engineering – Co-Advisor)

5. Whited, B., “Application of Graph-Theoretic Indicators in Multi-Modal Public Transportation Networks”, 2018 (MSc Transportation Engineering thesis defense – External examiner)

4. Hui, K., “Investigating the use of anonymous cellular data for intercity travel patterns in Alberta”, 2017 (MSc Transportation Engineering thesis defense – External examiner)

3. Shi, L., “Bus arrival time reliability analyses and dynamic prediction model based on multi-source data”, 2016 (MSc Transportation Engineering thesis defense – External examiner)

2. Lan, C., “Route-level transit passenger origin-destination trip estimation from Automatic Passenger Counting data: A case study in Edmonton”, 2015 (MSc Transportation Engineering thesis defense – External examiner)

1. Sikdar, R., “Reliability assessment and improvements along a bus corridor”, 2014 (MSc Transportation Engineering thesis defense– External examiner)

Undergraduate

2. Bennett, K., “Time budget effects on travel behavior and mode choice: A case study of gender differences in Edmonton”, 2016 (Human Geography and Planning – Advisor)

1. Gillespie, D., “Qualitative Assessment of Winter Cyclists in Edmonton”, 2015 (Human Geography and Planning – Advisor)

Research Assistants (RAs) Supervised

2017-18 (1 RA)

2016-17 (2 RAs)

2015-16 (8 RAs)

C. SERVICE

Service to University

2017-18	Undergraduate URP advisor; MSc URP program admissions; URP program website; URP studio management
2016-17	MSc URP program admissions; URP program website; URP studio management
2015-16	Space planning committee
2014-15	Undergraduate URP admissions committee; Information session at ACSP 2014 for new faculty recruitment for two new positions

Service to Scholarly/Professional Community

<u>Peer Reviewing Activity</u>	2009-13	2014	2015	2016	2017	2018	Totals
<i>Journals</i>							
Transport Policy	18	2	3	2	2		27
Journal of Urban Planning and Development	6	4	1	1	1		13
Transportation Research Record (/TRB)	2	3	3	2	2		12
Urban Studies				1	3		4
Journal of Transport Geography				2	1		3
Journal of Transportation and Land Use (/WCTR)	2			1			3
International Journal of Sustainable Transportation				1		1	2
Transportation Research: Part A Policy and Practice					2		2
Sustainability			2				2
Sustainable Cities and Society				1	1		2
Transport Reviews						1	1
Case Studies on Transport Policy					1		1
Transportation in Developing Economies				1			1
Travel Behavior and Society			1				1
Journal of the American Planning Association					1		1
GeoForum				1			1
Technology Forecasting and Social Change					1		1
Urban Planning					1		1
Canadian Geographer			1				1
Urban Research and Practice					1		1
<i>Granting Agencies</i>							
Natural Sciences and Engineering Research Council of Canada			1				1
Mountain-Plains Consortium (MPC) UTC Region 8			1				1
XJTLU Research Development Fund				1			1
Total by Year	28	9	13	14	17	2	83

Invited Talks and Organized Events

6. Invited lecture on qualitative research methods for graduate transportation engineering students “How different are Indian women and men on time budgets and safety? Implications for transportation research” at the Center for Infrastructure, Sustainable Transportation and Urban Planning, Indian Institute of Science, Bengaluru, November 30, 2017
5. Organized session “Examining the contours of racial equity and planning: Where might planning practice intersect movements such as Black Lives Matter (#blm)?” at the 57th Annual Conference of the Association of Collegiate Schools of Planning, Denver, October 14, 2017
4. Invited panelist on area of expertise (Transportation Planning and Policy) “International planning education: Refresh your syllabus” at the 57th Annual Conference of the Association of Collegiate Schools of Planning, Denver, October 14, 2017
3. Invited lecture on the use of cartography in social science research for non-geographers “Using geospatial techniques for urban planning and policy analysis” at the Research Innovation Space in Education, University of Alberta, March 17, 2017 (available at <https://bluejeans.com/playback/s/iiOj3emOy8ronl1IhCqOCapzBkgV9npR0OMA45V2QBMNpHFuP7QX2Oa2aN7x43Jr>, accessed December 27, 2017)
2. Invited lecture on research methods for graduate transportation engineering students “Contrasting methods for investigating consumer demand for transportation policy: When to use qualitative and quantitative approaches?” at the Donadeo Innovation Centre for Engineering, University of Alberta, Institute of Transportation Engineers (Student Chapter), February 2, 2017
1. Chaired organized session “Transport, mobility, and political economies of sustainability” at the American Association of Geographers’ Annual Meeting, San Francisco, March 31, 2016

Service to Community at Large (/ media engagement)

9. Annually conducted Geographic Information Systems poster session on municipal planning issues, based on GIS course each Winter term, hosted by City of Edmonton and attended by City employees and industry partners. This event has been attended in the past by the various senior municipal policymakers including the mayor and city councillors. Attendance has grown from 40 in 2014 to over 100 in 2017.
8. “Tailored education could increase use of city’s bike lanes”, interviewed for *folio* article on applied research conducted by faculty, November 24, 2017 (available at <https://www.folio.ca/tailored-education-could-increase-use-of-citys-bike-lanes/>, accessed December 27, 2017)
7. “How to engage Edmontonians this civic election”, invited to talk about transit policy in Edmonton at a non-profit interVivos aiming at informing citizens through non-partisan views of various civic issues. Interviewed by *Global News* for television, September 18, 2017 (available at <https://globalnews.ca/news/3754626/how-to-engage-edmontonians-this-civic-election/>, accessed December 27, 2017)

6. “Money garnered by speed tickets worth the cost”, expert interview in *Edmonton Examiner* on a proposal to increase speeds on freeways, May 23, 2017 (available at <http://www.edmontonexaminer.com/2017/05/23/money-garnered-by-speed-tickets-worth-the-cost>, accessed December 27, 2017)
5. “MaaS Effect - The private vehicle is looking costly, wasteful, dirty and plain old passé as more people take advantage of the “mobility-as-a-service” ecosystem. Is it time to welcome our new transportation overlords?”, expert interview for Alberta School of Business, March 14, 2017 (available at <https://www.ualberta.ca/business/alumni/ualberta-business-magazine/2017-spring/features/maas-effect>, accessed December 27, 2017)
4. “Better bike infrastructure would make Edmonton safer for pedestrians and cyclists: pedestrians”, expert interview in *Metro News* on research conducted in Edmonton regarding bicycling in winter, December 9, 2016 (available at <http://www.metronews.ca/news/edmonton/2016/12/09/clash-edmonton-sidewalks-better-bike-infrastructure.html?platform=hootsuite>, accessed December 27, 2017)
3. “If we build it, will they bike?”, interview in *University of Alberta News* on applied research conducted by faculty, October 13, 2016 (available at https://ssl.eas.ualberta.ca/sitecore/download/file/papers/paper_229.pdf, accessed December 27, 2017)
2. “The case for investing billions in Edmonton bus rapid transit”, expert interview in *Edmonton Journal* on capital intensive investments, April 26, 2016 (available at <http://edmontonjournal.com/news/politics/david-staples-the-case-for-investing-billions-in-edmonton-bus-rapid-transit>, accessed December 27, 2017)
1. “Intermodal transit hub needed for passengers, too”, opinion in *Edmonton Journal* on a major transit planning issue in Edmonton, November 3, 2014 (available at <http://edmontonjournal.com/opinion/opinion-intermodal-transit-hub-needed-for-passengers-too>, accessed December 27, 2017)

HONORS: SCHOLARLY AND ACADEMIC

2017	Emerging Scholar Award: Regional Development & Planning Specialty Group, American Association of Geographers, Boston, MA
1998	Shrimati Hansaben Mehta Gold Medal in Architecture, Maharaja Sayajirao University, Baroda
1998	Professor M B Dave Gold Medal in Architecture, Maharaja Sayajirao University, Baroda
1998	Rupal K. Engineer Memorial Gold Medal, Maharaja Sayajirao University, Baroda
1997	Shrimati Hari Ichhaben Kamdar merit medal/certificate, Institution of Engineers, India

PROFESSIONAL AFFILIATIONS

2014-18	Certified Member, American Planning Association, AICP
2017-22	Research Associate, Mineta Transportation Institute, San Jose State University, CA
2016-18	Member, World Society of Transportation and Land Use Research (WSTLUR)
2016-18	Affiliate Member, Transportation Research Board
2015-18	Member, American Association of Geographers
2014-18	Affiliated Faculty, Centre for Smart Transportation, Dept. of Civil and Environmental Engineering, University of Alberta
2015-18	Candidate Member, Alberta Professional Planners Institute (APPI) + Canadian Institute of Planners (CIP)

PLANNING AND DESIGN CONSULTING / RESEARCH

All engagements from 2003 onwards i.e., after earning M.C.P. / M. Arch from UC Berkeley

Client Category: G – Government; NP – Non-profit; P – Private Sector; U – University

Consulting Type: PB – Pro bono; PC – Paid consulting

<i>Yr/mo</i>	<i>Client Name</i>	<i>Project Title (in brief)</i>	<i>Client Category</i>	<i>Consulting Type</i>
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Edmonton, Canada

2018/04	Facilities & Operations,	Parking Infill	U	PB
2018/01	Univ. of Alberta	(Main Campus)		
2017/04	Sustainable Development,	Parking Infill	G	PB
2017/01	City of Edmonton	(Downtown Edmonton)		
2016/12	Sustainable Transportation,	Weather and bicycling	G	PB
2016/01	City of Edmonton	(Bicycling in Edmonton)		
2016/08	Transit Strategy,	Bus versus LRT investments	G	PB
2015/11	City of Edmonton	(Edmonton Transit System)		
2016/08	Edmonton Seniors	Seniors and Uber	NP	PB
2015/09	Coordinating Council	(Mobility tools for seniors)		
2016/04	Sustainable Development,	Station area plans	G	PB
2016/01	City of Edmonton	(Davies and Century Park)		
2016/02	Transit Strategy,	Social sustainability in transit	G	PC
2015/09	City of Edmonton	(Edmonton Transit System)		

Berkeley, California

2013/12	Parking Management,	Evaluating goBerkeley Program	G	PC
2013/06	City of Berkeley	(Pricing parking)		

2013/05	Parking and Transportation,	Parking Assessment	U	PC
2013/01	Univ. of California Berkeley	(Parking demand profiles)		
2010/04	High Speed Rail Authority	Station area plans	G	PC
2007/08	Sacramento, California	(Fresno, Merced, Stockton)		
2009/12	Energy Foundation,	TOD at Luokou District	NP	PC
2008/01	Beijing, China	(Jinan, Shandong)		
2005/01	Transit Strategy,	Rapid Express Bus	G	PC
2003/01	Dept. of Transportation, California	(CalTrans District 4)		
 <u>Baroda, India</u>				
2007/07	Federation of Gujarat	Headquarter Building	P	PC
2006/06	Industries, Baroda			
2007/07	Rubamin Industries,	Multiple projects	P	PC
2005/04	Baroda	(Infrastructure planning)		
2006/06	Forest Department	Amenities planning	G	PB
2005/10	Gujarat, India	(Vadhavana Eco-Tourism)		