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Prof. Petersen

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Annotated Bibliography

Buehler, Ralph. "*Determinants of Bicycle Commuting in the Washington, DC Region: The Role of Bicycle Parking, Cyclist Showers, and Free Car Parking at Work*." *Transportation Research: Part D* 17.7 (2012): 525-531. *Academic Search Premier*. Web. 5 Nov. 2014.

This article shows the main factors people take into account when choosing whether or not to ride their bicycles to work.

Nakamura, Hiroki, and Naoya Abe. "Evaluation of the Hybrid Model of Public Bicycle-Sharing Operation and Private Bicycle Parking Management." *Transport Policy* 35.(2014): 31-41. *Academic Search Premier*. Web. 5 Nov. 2014.

This article analyzes the different kind of public bike-sharing programs and what factors can make them more practical and sustainable.

Parker, Kathryn, et al. "*Effect of Bike Lane Infrastructure Improvements on Ridership in One New Orleans Neighborhood.*" *Annals Of Behavioral Medicine* 45.(2013): 101-107. *Academic Search Premier*. Web. 5 Nov. 2014.

This article examines the effect on bicycle usage when the infrastructure is in place for bicycle usage.

Pucher, John. "Cycling Safety on Bikeways vs. Roads." *Transportation Quarterly* 55.4 (2001): 9-11. *Academic Search Premier*. Web. 5 Nov. 2014.

This article provides a counter-argument to another article that argued against separate bike pathways. The article shows that special intersection modifications, bikeways, and other bike-specific developments increase the safety for cyclists.

Rissel, Chris, et al. "*Evaluating the Transport, Health and Economic Impacts of New Urban Cycling Infrastructure in Sydney, Australia -- Protocol Paper*." *BMC Public Health* 13.1 (2013): 1-15. *Academic Search Premier*. Web. 5 Nov. 2014.

The article shows the different impacts on the economy, public health, and traffic congestion on urban areas as a result of bike-specific infrastructure.

Robertson, James, and H. Gene Hawkins. "*Shared Roadway Implementation Guidance*." *Journal of Transportation Engineering*139.8 (2013): 833-839. *Academic Search Premier*. Web. 5 Nov. 2014.

This article is based off of research on the quality of use for both automobiles and bicycles on shared roadways. The article uses the results of this research to offer guidelines for implementing shared roadways with four total driving lanes.

Vidalis, Sofia, et al. "Modern Analysis of Bike Sharing Feasibility." *International Journal of Interdisciplinary Social Sciences* 4.11 (2010): 1-15. *Academic Search Premier*. Web. 5 Nov. 2014.

This article analyzes the costs and benefits of different bike-sharing program models. It includes aspects of financial, health, environment, and safety factors in the analysis.

Vreugdenhil, Roger, and Stewart Williams. "*White Line Fever: A Sociotechnical Perspective on the Contested Implementation of an Urban Bike Lane Network*." *Area* 45.3 (2013): 283-291. *Academic Search Premier*. Web. 5 Nov. 2014.

This article presents a sociotechnical perspective on the effects of adding bike lanes to roads.

Zhang, Dapeng, David José Ahouagi Vaz Magalhães, and Xiaokun (Cara) Wang. "*Prioritizing Bicycle Paths in Belo Horizonte City, Brazil: Analysis Based on User Preferences and Willingness Considering Individual Heterogeneity*." *Transportation Research Part A: Policy & Practice* 67.(2014): 268-278. *Academic Search Premier*. Web. 5 Nov. 2014.

This article examines how socio-economic factors affect a person’s willingness to use a bicycle to commute instead of public transportation, walking, or driving.

Zhao, Pengjun. "*The Impact of the Built Environment on Bicycle Commuting: Evidence from Beijing*." *Urban Studies (Sage Publications, Ltd.)* 51.5 (2014): 1019-1037. *Academic Search Premier*. Web. 5 Nov. 2014.

The article indicates the results of building specific infrastructure to accommodate cyclists.