

CURRICULUM VITAE THOMAS GÖTSCHI

Current position

- 2019 – present **Researcher**, Planning, Public Policy and Management, School of Design, University of Oregon
- 2018 – present **Consultant**, Transportation and Health Consultancy, 2350 Jefferson St, 97405 Eugene, OR, USA
- 2017 – present **Collaborator**, WHO Collaborating Center for Physical Activity and Health, University of Zurich

Education

- 2002-2007 **Ph.D. in Epidemiology**, University of Southern California
Thesis: „*Long term effects of air pollution on lung function in the European Community Respiratory Health Survey (ECRHS).*” Advisor: Prof. N. Künzli. Co-Advisor: Prof. M. Jerrett. Field courses in epidemiology and biostatistics (GPA 3.8/4)
- 1994-2000 **M.Sc. in Environmental Sciences**, ETH Zurich / Swiss Federal Institute of Technology
Interdisciplinary studies in natural and social sciences as they relate to environmental issues. Field courses in environmental health (GPA 5.46/6)

Professional and academic experience

- 2021 **External Examiner**, DrPhil Simona Sulikova, University of Oxford, UK
- 2010-2018 **Senior Research Fellow**, Epidemiology, Biostatistics and Prevention Institute; Work Unit Physical Activity and Health; University of Zurich
- 2015 **Offered position as Academic Fellow in Transportation and Health**, Institute for Transport Studies, University of Leeds („250 Great Minds” five-year fellowship development programme leading to an Associate Professor role) (Declined for family reasons).
- 2008-2009 **Director of Research** and Director of National Transportation Enhancements Clearinghouse, Rails-to-Trails Conservancy, Washington, DC.
- 2000-2002 **Research Associate**, Institute of Social and Preventive Medicine, University of Basel, Switzerland. (Management of indoor protocol and field measurements of ECRHS for the Basel study center).
- 1999-2001 **Team Member**, Case study for ETH Zurich: „*Swiss Railway, Future Perspectives.*” Analyzed Swiss Railway customers’ willingness to pay for green energy. Served as consultant for Swiss Railway on eco-efficiency for production, transportation and use of electricity.
- 1997-1998 **Intern**, SWISSCONTACT, Santo Domingo, Dominican Republic. Investigated various aspects of lead pollution and developed educational tools for development aid projects in Latin America.

Teaching experience

- 2019 **Guest lecture**, Nov. 6, 2019. Bridging Transportation and Health - Insights from Impact Assessment Research of Active Transportation. In "Public Health". Instructor Prof. N. Ngo.
- 2017 **Lecturer**, University of Zurich, Seminar „Physical Activity and Nutrition”, as part of the lecture series „Public Health: Prevention through Health Care Settings” of the medical faculty. Fall 2017.
- 2017 **Lecturer**, University of Zurich, Seminar „Promotion of Physical Activity through Day-to-Day Travel”, and lecturer in series „Public Health: Lifestyles and Health” of the medical faculty. Spring 2017.
- 2016 **Lecturer**, University of Zurich, Seminar „Physical Activity and Nutrition”, as part of the lecture series „Public Health: Prevention through Health Care Settings” of the medical faculty. Fall 2016.
- 2016 **Lecturer**, University of Zurich, Seminar „Promotion of Physical Activity through Day-to-Day Travel”, and lecturer in series „Public Health: Lifestyles and Health” of the medical faculty. Spring 2016.
- 2015 **Lecturer**, University of Zurich, Seminar „Physical Activity and Nutrition”, as part of the lecture series „Public Health: Prevention through Health Care Settings” of the medical faculty. Fall 2015.
- 2015 **Lecturer**, University of Zurich, Seminar „Promotion of Physical Activity through Day-to-Day Travel”, and lecturer in series „Public Health: Lifestyles and Health” of the medical faculty. Spring 2015.
- 2014 **Guest Lecturer**, University of Tübingen, Germany. Seminar „Reinventing the Wheel/Bicycle? Quantification of Benefits and Risks of Cycling?” Studium Ecologicum.
- 2009 **Guest Lecturer**, Harvard University Extension School October 29, 2009 „Dutch and Danish Bicycle Facilities: The facilities, policies, and practices in The Netherlands and Denmark which increase bicycling in all populations.” ENVR E-126 Bicycle Environments and Public Health: Case Study Cities. Course leader: Dr. A. Lusk.
- 2007 **Guest Lecturer**, „Environmental and Occupational Health – Climate Change, Department of Preventive Medicine, USC. Course leader: Prof. R. McConnell.
- 2004-2006 **Teaching Assistant**, „Environmental and Occupational Health: an Epidemiological Perspective”, Department of Preventive Medicine, USC. Supervisor: Prof. R. McConnell.
- 2003 **Teaching Assistant**, „Principles of Epidemiology”, Department of Preventive Medicine, USC. Supervisor: Prof. R. Peters.

Student advisor

- 2013 **M. Schwarz** (main advisor) Masters in Environmental Sciences, ETH Zurich
- 2013 **W. Van Gheluve** (main advisor) European Master in Public Health, Maastricht University
- 2015 **J. Cohn** (co-advisor) Master in Transportation Planning, University of North Carolina

2016	L. Felber (co-advisor) Master in Resource Economics, University of Basel
2017	F. Hartmann (main advisor) Master of Science ETH in Health Sciences and Technology, ETH Zurich
2017/18	T. Claasen (co-advisor) Master in Resource Economics, University of Basel
2017/20	M. Branion-Calles (co-advisor) PhD Epidemiology, Simon Frasier University, Vancouver

Research projects

[Brackets indicate role in project]

2018-2020	HEAT US/bikesharing. PAHO. (USD 30'000) [PI]
2018-2021	HEAT Global. Adaptations for global use cases. WHO Headquarters. (USD 45'000) [PI]
2018-2020	Empirical Analysis of Mobility Behavior in the Context of Dynamic Pricing. PI's B. Hintermann and K. W. Axhausen. Swiss Competence Center for Energy Research and Swiss Road Agency (CHF 1'000'000) [Proposal, Collaborator]
2018	Nudging approaches in Swiss public transport Apps. Swiss Health Department. (CHF 40'000) [PI]
2018	HEAT4.1 upgrades. Sustrans and WHO. (CHF 40'000) [Collaborator]
2018	ITHIM-R Project coordination to harmonize versions of Integrated Transport and Health Impact Model tool. PI J. Woodcock. (CHF 30'000) [Collaborator]
2018	Impact simulation of revisions in Swiss clean air policies. Eidgenössische Kommission für Lufthygiene (CHF 40'000) [PI]
2017	Development of HEAT4.0: new version of WHO's Health Economic Assessment Tools for walking and cycling. (as part of PASTA) [Lead developer]
2017	Analysis of Velostädte Survey, Pro Velo Switzerland (CHF 6'000) [PI]
2017	Update of Transportation Externalities (Health benefits of walking and cycling), Switzerland. (CHF 8'000) [PI]
2016	OPair: Health Impact Assessment for clean air plan OPair of agglomeration Lausanne. With Swiss Tropical and Public Health Institute (Prof. N.Kuenzli). (CHF 40'000) [Role TG: Co-PI]
2015-2016	IDSI BICY (Integrated Demand, Safety, Impact Model for Bicycling) (grant writing support); Sustainable Development at Universities Programme (CHF 80'000) [PI]
2015-2016	VALVE (Video analysis of cycling measures); Suva, AXA, City of Zurich (CHF 65'000) [PI]
2014-2015	Economic valuation of prevention and promotion of physical activity; WHO (CHF 10'000) [Co-PI]
2013-2017	PASTA (Physical Activity through Sustainable Transport Approach); EU FP7 (Total: €5.2M, UZH: CHF 700'000) [Lead proposal writer, PI Zurich]
2013-2014	Background report on Active Travel and Health for the National Health Report; OBSAN (CHF 100'000) [PI]
2013	VIVUS (Bicycle Infrastructure and Bicycle Crashes); Master thesis without funding [PI]
2013	Survey analysis „Swiss Cycling Towns“; ProVelo Schweiz (CHF 10'000) [PI]

2012-2013	Swiss Transport Cost Calculation, Health impacts of active travel; ARE, BFS (CHF 25'000) [PI]
2012-2013	GemeindeBewegt (audit tool for active travel); Public Health Services/Kt. St.Gallen (30'000) [PI]
2012	Methodology to monitor <i>SwitzerlandMobility</i> ; SchweizMobil/Schweizer Wanderwege (50'000) [Co-PI]
2011-2012	Evaluation concept for Masterplan Bicycle; City of Zürich (CHF 25'000) [Co-PI]
2011	HEAT Economic assessment of health benefits of active travel in Switzerland; ASTRA (CHF 20'000) [collaborator]
2011	BikeCount Development of smartphone count app; supported by bfu (CHF 7'000) [PI]

Organization of conferences and workshops

2016-17	Member scientific steering committee „Velo-city Conference 2017“, Arnhem-Nijmegen, the Netherlands
2015	Co-organizer workshop „Active transportation and physical activity: bridging the gaps“ International Conference on Travel Behaviour Research 2015, Windsor, UK
2014-2015	Member conference organizing committee „Moving active transportation to higher ground: Opportunities for accelerating the assessment of health impacts“. Joint conference by TRB and ACSM. Washington, DC April 2015

Other academic activities

2018	Consultant C40 Cities Climate Leadership Group. Tool review. (\$ 1'450)
2017-19	Advisory Board METAHIT: MEthods and Tools for Assessing the Health Impacts of Transport: modelling study, PI J. Woodcock, University of Cambridge, UK
2016	Advisory Panel Los Angeles County METRO Pedestrian Travel Demand Model
2014-2016	Consultant , Rails-to-Trails Conservancy, Washington DC. Trail Monitoring and Assessment Platform T-MAP (Health impact model of trail use; Trail user intercept survey; Development of Go Counter app with BriskSynergies) (\$40'000)
2013-2015	Advisory Panel Los Angeles County METRO Bicycle Travel Demand Model
2013-2014	Consultant , Rails-to-Trails Conservancy, Washington DC. <i>Update of „Active Transportation for America“</i> report (\$12'000)
2012-present	Member Transportation Research Board Bicycle and Pedestrian Data Subcommittee
2010-present	Member WHO HEAT Core Group Development of Health Economic Assessment Tools for walking and cycling
2010-2011	Consultant , PTV Nustats, Data analysis for US Nonmotorized Transportation Pilot Program (SAFETEA-LU 1807) (population-based surveys) (\$30'000)
2009-2018	Member Transportation Research Board Bicycle Transportation Committee
2004-2005	Consultant, Princeton Energy Resources International, LLC, Rockville, MD. Conducted literature search, editing and administrative tasks for review paper: „The health relevance of ambient particulate matter characteristics: coherence of toxicological and epidemiological inferences.“ (Schlesinger et al. 2006). PI: Prof. M. Jerrett.

ongoing **Peer Reviews**, *Atmospheric Environment*, *Environmental Science and Technology*, *European Respiratory Journal*, *International Journal of Epidemiology*, *Journal of the Air and Waste Management Association*, *Transportation Research Board*, *American Journal of Preventive Medicine*, *Transport Policy*, *Island Press*, *BMC Public Health*, *International Journal of Sustainable Transportation*, *MIT Press*, *Environmental Health Perspectives*, *Journal of Transport and Health*, *Journal of Health and Place*, *Journal of Transport Geography*, *Injury Prevention*, *Transport Reviews*

Prizes, fellowships, distinguished memberships

2010 Swiss Public Health Award for best scientific poster
2004-2007 US Environmental Protection Agency STAR Fellowship
2004 USC Preventive Medicine Best Poster Award
2003 Young Scientist Travel Award, European Respiratory Society Annual Conference Vienna

Community service

2005-2007 **Board Member and Volunteer**, Los Angeles Bicycle Kitchen
2007 **Board Member**, Los Angeles County Bicycle Coalition

Languages German (native language), English (full professional proficiency), Spanish (professional working proficiency), French, Czech (limited working proficiency)

Publications

Peer-reviewed original articles

1st Author

2020 **Götschi, T.**, Kahlmeier, S., Castro, A., Brand, C., Cavill, N., Kelly, P., ... & Racioppi, F. (2020). Integrated Impact Assessment of Active Travel: Expanding the Scope of the Health Economic Assessment Tool (HEAT) for Walking and Cycling. *International Journal of Environmental Research and Public Health*, 17(20), 7361.

2018 **Götschi, T.**, A.Castro, M. Deforth, L. Miranda-Moreno, S. Zangenehpour "Towards a comprehensive safety evaluation of cycling infrastructure including objective and subjective measures" Accepted for presentation at Transportation Research Board 2017. *Journal of Transport & Health*, 8 (2018): 44-54.

2017 **Götschi, T.**, de Nazelle, A., Brand, C., Gerike, R., & PASTA Consortium. (2017). Towards a Comprehensive Conceptual Framework of Active Travel Behavior: a Review and Synthesis of Published Frameworks. *Current Environmental Health Reports*, 1-10.2017 Götschi, T. and T. Hadden Loh "Advancing project-scale health impact modeling for active transportation: a user survey and health impact calculation of 14 us trails". *Journal of Transport and Health*.

2017 **Götschi, T.**, and Tracy Hadden Loh. "Advancing project-scale health impact modeling for active transportation: A user survey and health impact calculation of 14 US trails." *Journal of Transport & Health* 4 (2017): 334-347.

2015 **Götschi, T.**, Tainio, M., Maizlish, N., Schwanen, T., Goodman, A., Woodcock, J., 2015. "Contrasts in active transport behaviour across four countries: How do they translate into public health benefits?" *Preventive Medicine* 74, 42-48.

2014 **Götschi, T.** and Hintermann, B. (2014) "Valuing public investments to support bicycling." *Swiss Journal of Economics and Statistics (SJES)* , Vol. 150 (4) 297–329

2010 **Götschi, T.** *Costs and Benefits of Bicycling in Portland, Oregon*. *Journal of Physical Activity and Health* Volume 8, Supplement, 2010.

- 2008 **Gotschi, T.**, J. Sunyer, S. Chinn, R. deMarco, B. Forsberg, J. Gauderman, R. Garcia-Esteban, J. Heinrich, B. Jacquemin, D. Jarvis, M. Ponzio, S. Villani, and N. Kunzli, *Air Pollution and Lung Function in the European Community Respiratory Health Survey*. International Journal of Epidemiology, 37(6):1349-58, 2008.
- 2005 **Gotschi, T.**, M.E. Hazenkamp-von Arx, J. Heinrich, R. Bono, P. Burney, B. Forsberg, D. Jarvis, J. Maldonado, D. Norbäck, W.B. Stern, J. Sunyer, K. Torén, G. Veriato, S. Villani, and N. Künzli, *Elemental Composition and Reflectance of Ambient Fine Particles at 21 European Locations*. Atmos env, 2005. 39: p. 5947–5958.
- 2002 **Gotschi, T.**, L. Oglesby, P. Mathys, C. Monn, N. Manalis, K. Koistinen, M. Jantunen, O. Hanninen, L. Polanska, and N. Kunzli, *Comparison of black smoke and PM2.5 levels in indoor and outdoor environments of four European cities*. Environ Sci Technol, 2002. 36(6): p. 1191-7.

Co-author

- 2021 Smith, R., Thomas, C., Squires, H., **Götschi, T.**, Kahlmeier, S., & Goyder, E. (2021). The price of precision: trade-offs between usability and validity in the World Health Organization Health Economic Assessment Tool for walking and cycling. *Public Health*, 194, 263-269.
- 2021 Rahul Goel, Anna Goodman, Rachel Aldred, Ryota Nakamura, Lambed Tatah, Leandro Martin Totaro Garcia, Belen Diomedi-Zapata, Thiago Herick de Sa, Geetam Tiwari, Audrey de Nazelle, Marko Tainio, Ralph Buehler, **Thomas Götschi**, James Woodcock, 2021. Cycling behaviour in 17 countries across 6 continents: levels of cycling, who cycles, for what purpose, and how far? *Transport Reviews*
- 2021 Ngo, N. S., **Götschi, T.**, & Clark, B. Y. (2021). The effects of ride-hailing services on bus ridership in a medium-sized urban area using micro-level data: Evidence from the Lane Transit District. *Transport Policy*, 105, 44-53.
- 2021 Brand, C., **Götschi, T.**, Dons, E., Gerike, R., Anaya-Boig, E., Avila-Palencia, I., ... & Nieuwenhuijsen, M. J. (2021). The climate change mitigation impacts of active travel: Evidence from a longitudinal panel study in seven European cities. *Global Environmental Change*, 67, 102224.
- 2021 Brand, C., Dons, E., Anaya-Boig, E., Avila-Palencia, I., Clark, A., de Nazelle, A., Gascon, M., Gaupp-Berghausen, M., Gerike, R., **Götschi, T.** and Iacorossi, F., 2021. The climate change mitigation effects of daily active travel in cities. *Transportation Research Part D: Transport and Environment*, 93, p.102764.
- 2020 Molloy, J., Castro Fernández, A., **Götschi, T.**, Schoeman, B., Tchervenkov, C., Tomic, U., Hintermann, B. and Axhausen, K.W., 2020. A national-scale mobility pricing experiment using GPS tracking and online surveys in Switzerland: Response rates and survey method results. *Arbeitsberichte Verkehrs-und Raumplanung*, 1555.
- 2020 Branion-Calles, Michael, **Thomas Götschi**, Trisalyn Nelson, Esther Anaya-Boig, Ione Avila-Palencia, Alberto Castro, Tom Cole-Hunter et al. "Cyclist crash rates and risk factors in a prospective cohort in seven European cities." *Accident Analysis & Prevention* 141 (2020).
- 2020 Castro, Alberto; **Götschi, Thomas**; Achermann, Beat; Baltensperger, Urs; Buchmann, Brigitte; Dietrich, Denise Felber; Flückiger, Alexandre; Geiser, Marianne; Purgart, Brigitte Gälli; Gyax, Hans; ",Comparing the lung cancer burden of ambient particulate matter using scenarios of air quality standards versus acceptable risk levels,International Journal of Public Health,,,1-10,2020,Springer International Publishing
- 2019 Avila-Palencia, Ione; Laeremans, Michelle; Hoffmann, Barbara; Anaya-Boig, Esther; Carrasco-Turigas, Glòria; Cole-Hunter, Tom; de Nazelle, Audrey; Dons, Evi; **Götschi, Thomas**; Panis, Luc Int; ",Effects of physical activity and air pollution on blood pressure,Environmental research,173,387-396,2019,Academic Press
- 2019 Castro, Alberto; Gaupp-Berghausen, Mailin; Dons, Evi; Standaert, Arnout; Laeremans, Michelle; Clark, Anna; Anaya-Boig, Esther; Cole-Hunter, Tom; Avila-Palencia, Ione; Rojas-Rueda, David; Mark Nieuwenhuijsen; Regine Gerike; Luc Int Panis; Audrey de Nazelle; Christian Brand; Elisabeth Raser; Sonja Kahlmeier; **Thomas Götschi**; on behalf of the PASTA consortium. Physical activity of electric bicycle users compared to conventional bicycle users and non-cyclists: Insights based on health and transport data from an online survey in seven European cities,Transportation research interdisciplinary perspectives,1,2019,Elsevier
- 2019 Gascon, Mireia; **Götschi, Thomas**; de Nazelle, Audrey; Gracia, Esther; Ambròs, Albert; Márquez, Sandra; Marquet, Oriol; Avila-Palencia, Ione; Brand, Christian; Iacorossi, Francesco; ",Correlates of walking for travel in seven European cities: the PASTA project,Environmental health perspectives,127,9,2019,
- 2019 Branion-Calles, Michael; Winters, Meghan; Nelson, Trisalyn; de Nazelle, Audrey; Panis, Luc Int; Avila-Palencia, Ione; Anaya-Boig, Esther; Rojas-Rueda, David; Dons, Evi; **Götschi, Thomas**; "Impacts of study design on sample size, participation bias, and outcome measurement: A case study from bicycling research", Journal of Transport & Health,15,2019, Elsevier
- 2019 Gaupp-Berghausen, M., Raser, E., Anaya-Boig, E., Avila-Palencia, I., de Nazelle, A., Dons, E., Franzen, H., Gerike, R., **Götschi, T.**, Iacorossi, F. and Hössinger, R., 2019. Evaluation of different recruitment methods:

- longitudinal, web-based, pan-European physical activity through sustainable transport approaches (PASTA) project. *Journal of medical Internet research*, 21(5), p.e11492.
- 2018 Dons, E., Rojas-Rueda, D., Anaya-Boig, E., Avila-Palencia, I., Brand, C., Cole-Hunter, T., ... & **Götschi, T.** (2018). Transport mode choice and body mass index: Cross-sectional and longitudinal evidence from a European-wide study. *Environment International*, 119, 109-116
<https://doi.org/10.1016/j.envint.2018.06.023>
- 2018 Evi Dons, Michelle Laeremans, Esther Anaya-Boig, Ione Avila-Palencia, Christian Brand, Audrey de Nazelle, Mailin Gaupp-Berghausen, **Thomas Götschi**, Mark Nieuwenhuijsen, Juan Pablo Orjuela, Elisabeth Raser, Arnout Standaert, Luc Int Panis, on behalf of the PASTA Consortium. Concern over health effects of air pollution is associated to NO₂ in seven European cities. *Air Qual Atmos Health* (2018). <https://doi.org/10.1007/s11869-018-0567-3>
- 2018 Elisabeth Raser, Mailin Gaupp-Berghausen, Evi Dons, Esther Anaya-Boig, Ione Avila-Palencia, Christian Brand, Alberto Castro, Anna Clark, Ulf Eriksson, **Thomas Götschi**, Luc Int Panis, Sonja Kahlmeier, Michelle Laeremans, Natalie Mueller, Mark Nieuwenhuijsen, Juan Pablo Orjuela, David Rojas-Rueda, Arnout Standaert, Erik Stigell, Regine Gerike. European cyclists' travel behavior: Differences and similarities between seven European (PASTA) cities, *Journal of Transport & Health*, Available online 28 February 2018, ISSN 2214-1405, <https://doi.org/10.1016/j.jth.2018.02.006>.
- 2017 Avila-Palencia, I., Panis, L. I., de Nazelle, A., **Götschi, T.**, Raser, E., Gaupp-Berghausen, M., ... & Nieuwenhuijsen, M. (2017). Active Mobility and Subjective General Health: Roles of Mental Health, Social Support and Physical Activity. *Journal of Transport & Health*, 5, S76.
- 2017 Natalie Mueller, David Rojas-Rueda; Maëlle Salmon; David Martinez; Albert Ambros; Christian Brand; Audrey de Nazelle; Evi Dons; Mailin Gaupp-Berghausen; Regine Gerike; **Thomas Götschi**; Francesco Iacrossi; Luc Int Panis; Sonja Kahlmeier; Elisabeth Raser; Mark Nieuwenhuijsen. Health impact assessment of cycling network expansions in European cities. Accepted for publication in *Preventive Medicine*.
- 2017 Castro, A., Künzli, N., & **Götschi, T.** (2017). Health benefits of a reduction of PM₁₀ and NO₂ exposure after implementing a clean air plan in the Agglomeration Lausanne-Morges. *International Journal of Hygiene and Environmental Health*, 220(5), 829-839.
- 2017 Buehler, R., Pucher, J., Gerike, R., & **Götschi, T.** (2017). Reducing car dependence in the heart of Europe: lessons from Germany, Austria, and Switzerland. *Transport Reviews*, 37(1), 4-28.
- 2017 Evi Dons, Michelle Laeremans, Juan Pablo Orjuela, Ione Avila-Palencia, Glòria Carrasco-Turigas, Tom Cole-Hunter, Esther Anaya-Boig, Arnout Standaert, Patrick De Boever, Tim S Nawrot, **Thomas Götschi**, Audrey de Nazelle, Mark J Nieuwenhuijsen, and Luc Int Panis. "Wearable sensors for personal monitoring and estimation of inhaled traffic-related air pollution: evaluation of methods" *Environ. Sci. Technol.*, Just Accepted Manuscript DOI: 10.1021/acs.est.6b05782
- 2016 Tainio M., A J de Nazelle; **T Götschi**; S Kahlmeier; D Rojas-Rueda; M J Nieuwenhuijse; T H de Sá; P Kelly; J Woodcock (2016) "Can air pollution negate the health benefits of cycling and walking?" *Preventive Medicine* Vol 87, 233-236,
(Role TG: substantial contributions to concept of analysis and writing/editing)
- 2016 Gerike R, A de Nazelle, M Nieuwenhuijsen, L Int Panis, E Anaya, I Avila-Palencia, F Boschetti, C Brand, T Cole-Hunter, E Dons, U Eriksson, M Gaupp-Berghausen, S Kahlmeier, M Laeremans, N Mueller, J P Orjuela, F Racioppi, E Raser, D Rojas-Rueda, Ch Schweizer, A Standaert, T Uhlmann, S Wegener, **T Götschi**, on behalf of the PASTA consortium (2016) "Physical Activity through Sustainable Transport Approaches (PASTA): a study protocol for a multicentre project" *BMJ Open* 2016 Volume 6, Issue 1
(Role TG: leading role in developing project, substantial contributions to writing of paper)
- 2016 Cohn, J., Hadden-Loh, T. & **Götschi, T.** "Development of a Survey Tool to Quantify Health Impacts of Trail Use" *J. Park Recreat. Adm.* 34, 36–51 (2016).
(Role TG: Leading role in developing survey tool, co-advisor)
- 2015 Dons, E, **T Götschi**, M Nieuwenhuijsen, A de Nazelle, E Anaya, I Avila-Palencia, Ch Brand, T Cole-Hunter, M Gaupp-Berghausen, S Kahlmeier, M Laeremans, N Mueller, J P Orjuela, E Raser, D Rojas-Rueda, A Standaert, E Stigell, T Uhlmann, R Gerike and L Int Panis (2015) "Physical Activity through Sustainable Transport Approaches (PASTA): protocol for a multi-centre, longitudinal study" *BMC public health* (2015) Volume: 15, Issue: 1, Pages: 1126
(Role TG: Leading role in developing study methodology, substantial role in editing paper)
- 2014 Kelly, P., S. Kahlmeier, **T. Götschi**, J. Richards, N. Roberts, P. Scarborough, C. Foster (2014) "Systematic review and meta-analysis of reduction in all-cause mortality from walking and cycling and shape of dose response relationship" *International Journal of Behavioral Nutrition and Physical Activity*, 11:132
(Role TG: substantial contributions to concept of analysis, editing paper)
- 2007 Bedada, G.B., J. Heinrich, **T. Götschi**, S.H. Downs, B. Forsberg, D. Jarvis, C. Luczynska, A. Soon, J. Sunyer, K. Toren, and N. Kunzli, *Urban background particulate matter and allergic sensitization in adults of ECRHS II*. *International Journal of Hygiene and Environmental Health*, 2007. 210 (6), 691-700.
- 2007 Jacquemin, B., J. Sunyer, B. Forsberg, **T. Götschi**, L. Bayer-Oglesby, U. Ackermann-Liebrich, R. de Marco, J. Heinrich, D. Jarvis, K. Toren, and N. Kunzli, *Annoyance due to air pollution in Europe*. *Int J Epidemiol*, 2007.

- 2007 Rava, M., G. Verlato, R. Bono, M. Ponzio, S. Sartori, G. Blengio, N. Kuenzli, J. Heinrich, **T. Gotschi**, and R. de Marco, *A predictive model for the home outdoor exposure to nitrogen dioxide*. Sci Total Environ, 2007.
- 2007 Viana, M., X. Querol, **T. Gotschi**, A. Alastuey, J. Sunyer, B. Forsberg, J. Heinrich, D. Norbäck, F. Payo, J.A. Maldonado, and N. Künzli, *Source apportionment of ambient PM2.5 at five Spanish centres of the European community respiratory health survey (ECRHS II)*. Atmospheric Environment, 2007. 41(7): p. 1395-1406.
- 2006 Kunzli, N., I.S. Mudway, **T. Gotschi**, T. Shi, F.J. Kelly, S. Cook, P. Burney, B. Forsberg, J.W. Gauderman, M.E. Hazenkamp, J. Heinrich, D. Jarvis, D. Norback, F. Payo-Losa, A. Poli, J. Sunyer, and P.J. Borm, *Comparison of oxidative properties, light absorbance, total and elemental mass concentration of ambient PM2.5 collected at 20 European sites*. Environ Health Perspect, 2006. 114(5): p. 684-90.
- 2006 Lai, H.K., L. Bayer-Oglesby, R. Colvile, **T. Gotschi**, M.J. Jantunen, N. Kunzli, E. Kulinskaya, C. Schweizer, and M.J. Nieuwenhuijsen, *Determinants of indoor air concentrations of PM2.5, black smoke and NO2 in six European cities (EXPOLIS study)*. Atmospheric Environment, 2006. 40(7): p. 1299-1313.
- 2006 Sunyer, J., D. Jarvis, **T. Gotschi**, R. Garcia-Esteban, B. Jacquemin, I. Aguilera, U. Ackerman, R. de Marco, B. Forsberg, T. Gislason, J. Heinrich, D. Norback, S. Villani, and N. Kunzli, *Chronic bronchitis and urban air pollution in an international study*. Occup Environ Med, 2006. 63(12): p. 836-43.
- 2004 Hazenkamp-von Arx, M.E., **T. Gotschi**, U. Ackermann-Liebrich, R. Bono, P. Burney, J. Cyrus, D. Jarvis, L. Lillienberg, C. Luczynska, J.A. Maldonado, A. Jaen, R. de Marco, Y. Mi, L. Modig, L. Bayer-Oglesby, F. Payo, A. Soon, J. Sunyer, S. Villani, J. Weyler, and N. Künzli, *PM2.5 and NO2 assessment in 21 European study centres of ECRHS II: annual means and seasonal differences*. Atmospheric Environment, 2004. 38(13): p. 1943-1953.
- 2004 *Kuenzli, N., T. Shi, Gotschi T. et al. (2004). "Beyond the mass: oxidative properties of PM2.5 in the European Community Respiratory Health Survey (ECRHS)." Epidemiology 15(4): S43.*
- 2003 Hazenkamp-von Arx, M.E., **T. Gotschi** Fellmann, L. Oglesby, U. Ackermann-Liebrich, T. Gislason, J. Heinrich, D. Jarvis, C. Luczynska, A.J. Manzanera, L. Modig, D. Norback, A. Pfeifer, A. Poll, M. Ponzio, A. Soon, P. Vermeire, and N. Kunzli, *PM2.5 assessment in 21 European study centers of ECRHS II: Method and first winter results*. Journal of the Air & Waste Management Association, 2003. 53(5): p. 617-28.
- 2003 Kunzli, N., P. Mazzeletti, M. Adam, **T. Gotschi**, P. Mathys, C. Monn, and O. Brandli, *Smoke-free cafe in an unregulated European city: highly welcomed and economically successful*. Tob Control, 2003. 12(3): p. 282-288.

Peer-reviewed review articles

1st Author or equal contribution

- 2017 Winters, Meghan, Ralph Buehler, and **Thomas Götschi**. "Policies to promote active travel: evidence from reviews of the literature." Current environmental health reports 4.3 (2017): 278-285.
- 2016 Buehler R, **Götschi T**, Winters M. Moving Toward Active Transportation: How Policies Can Encourage Walking and Bicycling. *Act Living Res* 2016; : 1–8.
- 2015 **Götschi, T.**, J. Garrard, B. Giles-Corti (2015) "Cycling as part of daily life: a review of health perspectives." *Transport Reviews*, 1-27
- 2008 **Götschi, T.**, J. Heinrich, J. Sunyer, and N. Kunzli, *Long Term Effects of Ambient Air Pollution on Lung Function – a Review*. *Epidemiology*, 2008. 19(5) p. 690-701.

Co-author

- 2016 Buehler, R., R. Gerike, **T. Götschi**, J. Pucher „Sustainable transport policies at the heart of Europe: comparison of five case study cities", Vol 37(1) 4-28, *Transport Reviews*.
(Role TG: contribution of local (Zurich) information, critical review and editing of article)
- 2015 Mueller N., Rojas-Rueda D, Cole-Hunter T, de Nazelle A, Dons E, Gerike R, **Götschi T**, Int Panis L, Kahlmeier S, Nieuwenhuijsen MJ (2015) "Health impact assessment of active transport policies: a systematic review" *Preventive Medicine* Jul;76:103-14
(Role TG: conceptual guidance, critical review and editing of article)
- 2014 Griffin, G., K. Nordback, **Götschi, T.** et al. (2014) "Monitoring Bicyclist and Pedestrian Travel and Behavior." *TRB Research Circular E-C183*.
(Role TG: contribution on bicycle count methods)
- 2012 Wanner, M., **T Götschi**, E Martin-Diener, S Kahlmeier, B W. Martin. Active Transport, Physical Activity, and Body Weight in Adults: A Systematic Review. *Am J Prev Med* 2012;42(5):493–502, 2012
(Role TG: served as second reviewer, substantial contributions to writing and editing of article)
- 2006 Schlesinger, R.B., N. Kunzli, G.M. Hidy, **T. Gotschi**, and M. Jerrett, *The health relevance of ambient particulate matter characteristics: coherence of toxicological and epidemiological inferences*. *Inhalation Toxicology*, 2006. 18(2): p. 95-125.

Other non-peer-reviewed articles, reports, or book chapters

- 2020 Kahlmeier, S.; Racioppi, F.; **Götschi, T.**; Castro, A.; Cavill, N.; (2020). The WHO Health Economic Assessment Tool for walking and cycling: how to quantify impacts of active mobility. In *Advances in Transportation and Health*. (p. 329). Editors Nieuwenhuijsen, N.; Khreis, H.; Elsevier.
- 2018 Koszowski, C., Gerike, R., Hubrich, S., **Götschi, T.**, Pohle, M., & Wittwer, R. (2019). Active Mobility: Bringing Together Transport Planning, Urban Planning, and Public Health. In *Towards User-Centric Transport in Europe* (pp. 149-171). Springer, Cham.
- 2018 Alberto Castro, Sonja Kahlmeier, **Thomas Götschi** Exposure adjusted crash rates for cycling and walking in European countries.
- 2015 **Götschi T.**, Kahlmeier S, Martin-Diener E, Martin B, Bize R, Simonson T, Rathod A, *Aktive Mobilität und Gesundheit. Hintergrundbericht für den nationalen Gesundheitsbericht 2015*. Neuchâtel, 2015
http://www.obsan.admin.ch/sites/default/files/publications/2015/obsan_dossier_47.pdf
(Role TG: project lead, survey analysis, writing of report)
- 2013 Lieb C, Sommer H, Amacher M, **Götschi T.**, Kahlmeier S, Sutter D. *Integration des Langsamverkehrs in die Transportrechnung*. Bern, 2013.
http://www.bfs.admin.ch/bfs/portal/de/index/infothek/erhebungen_quellen/blank/blank/trakos/02.html
(Role TG: lead of module „health benefits of active travel“, development of methodology, analysis, report)
- 2012 **Götschi, T.** and S. Kahlmeier (2012). *Ökonomische Abschätzung der volkswirtschaftlichen Gesundheitsnutzen des Langsamverkehrs in der Schweiz*. Institut für Sozial- und Präventivmedizin, Universität Zürich. Commissioned report for Swiss Federal Road Agency (ASTRA Langsamverkehr).
<http://www.astra.admin.ch/themen/langsamverkehr/00483/>
(Role TG: data analysis, co-writing of report)
- 2011 **Götschi, T.**, K. J. Krizek, et al. (2011). "Nonmotorized Transportation Pilot Program Evaluation Study, Phase 2." <http://conservancy.umn.edu/handle/11299/150076>
(Role TG: data analysis, co-writing of report)
- 2008 **Götschi, T.**, Mills, K., *Active Transportation for America – The Case for Increased Federal Investment in Bicycling and Walking*. Rails-to-Trails Conservancy, 2008. www.railstotrails.org/atfa
(Role TG: Concept, literature review; data analysis; co-writing of report)

Conference Abstracts

- 2017 Götschi, T. et al. Determinants of Cycling in 7 European Cities. International Transport and Health Conference 2017, Barcelona
- 2017 Götschi et al. on behalf of the PASTA Consortium. "A Conceptual Framework for Cycling Behavior Research." Scientific Colloquium of the Velo-City Conference, June 13-16, 2017, Arnhem-Nijmegen, The Netherlands
- 2015 Götschi, T., Kahlmeier, S. Modeling health benefits of active transportation in Switzerland. Moving Active Transportation to Higher Grounds: Opportunities for Accelerating the Assessment of Health Impacts 2015, Washington, DC.
- 2015 Götschi, T. Physical Activity through Sustainable Transport Approaches (PASTA) – an innovative cross-European longitudinal study on active travel and physical activity. Moving Active Transportation to Higher Grounds: Opportunities for Accelerating the Assessment of Health Impacts 2015, Washington, DC.
- 2015 Kelly P., Götschi, T. et al. An investigation of the relationship between walking and cycling and reduced risk for all-cause mortality: Systematic review and meta-analysis. Moving Active Transportation to Higher Grounds: Opportunities for Accelerating the Assessment of Health Impacts 2015, Washington, DC.
- 2015 Götschi T. et al. Physical Activity through Sustainable Transport Approaches (PASTA) – a pan-European web-based survey on determinants of active travel behaviour using an opportunistic sampling approach. International Conference on Transport and Health, London 2015.
- 2015 Götschi T. Health perspectives on active travel: main pathways and impacts. As part of Active transport and physical activity – bridging the gap (Workshop) Conference of the International Association of Travel Behaviour Research, Windsor 2015
- 2015 Nosal, T, Miranda-Moreno, L F, Krstulic, Z, Götschi, T, Accounting for Weather Conditions When Comparing Multiple Years of Bicycle Demand Data, Transportation Research Board, 2015
- 2014 Götschi, T. et al. Physical Activity through Sustainable Transport Approaches (PASTA) – an innovative cross-European longitudinal study on active travel and physical activity. HEPA 2014, Zurich, Switzerland.
- 2013 Götschi, T. Systematic evaluation of cycling programmes. Velo-City 2013, Vienna, Austria.
- 2013 Götschi, T. On-site data collection of environmental attributes and subject data using OpenDataKit/Formhub open-source software for Android mobile devices. ISEE 2013, Basel, Switzerland.
- 2011 Götschi, T., Sonja Kahlmeier, Brian Martin, Nick Cavill, Harry Rutter, Francesca Racioppi. Health Economic Assessment Tools for Active Transport: HEAT for Cycling and Walking. Swiss Public Health Conference 2011, Basel, Switzerland.

- 2011 Götschi, T, Miriam Wanner, Eva Martin-Diener, Sonja Kahlmeier. Active travel, general physical activity, and body mass index in Swiss adults: results from the Swiss health surveys 2002 and 2007. Swiss Public Health Conference 2011, Basel, Switzerland.
- 2011 Götschi, T, Miriam Wanner, Eva Martin-Diener, Sonja Kahlmeier. Active travel, general physical activity, and body mass index in Swiss adults: results from the Swiss health surveys 2002 and 2007. ISEE Conference 2011, Barcelona, Spain.
- 2010 Gotschi, T. Cost-effectiveness of Investments in Bicycling – The example of Portland. Velo-City 2010, Copenhagen, Denmark.
- 2010 Gotschi, T. Sonja Kahlmeier, Brian Martin, Nick Cavill, Harry Rutter, Pekka Oja, Francesca Racioppi. Health Economic Assessment Tools for Active Transport: HEAT for Cycling and Walking. Swiss Public Health Conference 2010, Nottwil, Switzerland.
- 2009 Gotschi, T. Active Transportation for America – Quantifying the Benefits of Nonmotorized Transportation, Transportation Research Board Annual Conference, 2009, Washington, DC, USA.
- 2009 Gotschi, T. Active Transportation, Climate, and Health, Congressional Briefings (House of Representatives Dec. 2008, Senate Jan. 2009), Environmental and Energy Study Institute, Washington, DC, USA.
- 2009 Gotschi, T. Active Transportation and Smart Growth, New Partners for Smart Growth Annual Conference, 2009, Albuquerque, NM, USA.
- 2009 Gotschi, T. Walking – why every step is worth it, STIPDA Pedestrian Injury Prevention State Workshop, National Highway Safety Administration, 2009, Washington, DC, USA.
- 2009 Gotschi, T. Lessons on How to Win the Tour towards a Bicycle Friendly America, Swiss Embassy, 2009, Washington, DC, USA.
- 2009 Gotschi, T. Why Bike Sharing? Taking Public Transportation to a New Level, Association for Commuter Transportation, 2009, Washington, DC, USA.
- 2009 Gotschi, T. The Nonmotorized Transportation Pilot Program – Evaluating the Impact and Benefits from Concentrated Investments in Walking and Biking, Walk21 Annual Conference, 2009, New York, USA.
- 2009 Gotschi, T. Cost-effectiveness of Active Transportation, RailVolution Annual Conference, 2009, Boston, USA.
- 2008 Gotschi, T. Methodology of “Active Transportation for America”, Press conference with US House of Representatives Transportation and Infrastructure Committee Chairman James Oberstar, 2008, Washington, DC, USA
- 2006 Gotschi, T., B. Forsberg, J. Heinrich, B. Jacquemin, R. McConnell, J. Sunyer, and N. Künzli. *Evaluation of Improvements in Accuracy of “Residential” NO₂ Annual Mean Estimates when Using Data from Central Reference Monitors. Annual Conference of the ISEE/ISEA.* 2006. Paris, France.
- 2005 Gotschi, T., J. Sunyer, U. Ackermann-Liebrich, J.W. Gauderman, B. Forsberg, T. Gislason, D. Jarvis, J. Weyler, S. Villani, and N. Künzli. *Air Pollution and Lung Function in the European Community Respiratory Health Survey (ECRHS).* ERS. 2005. Copenhagen, Denmark.
- 2005 Gotschi, T., J. Sunyer, U. Ackermann-Liebrich, J.W. Gauderman, B. Forsberg, T. Gislason, D. Jarvis, J. Weyler, S. Villani, and N. Künzli. *Air Pollution and Lung Function in the European Community Respiratory Health Survey (ECRHS).* ISEE. 2005. Johannesburg, South Africa.
- 2005 Gotschi, T., J. Sunyer, U. Ackermann-Liebrich, J.W. Gauderman, B. Forsberg, T. Gislason, D. Jarvis, J. Weyler, S. Villani, and N. Künzli. *Air Pollution and Lung Function in the European Community Respiratory Health Survey (ECRHS).* ATS. 2005. San Diego, USA.
- 2003 Gotschi, T., M.E. Hazenkamp-von Arx, C. Luczynska, J. Sunyer, S. Villani, J. Heinrich, D. Norbäck, B. Forsberg, and N. Künzli. *Correlations between PM_{2.5} mass, sulphur and lead content, reflection, and NO₂, across 21 study centres of ECRHS II (European community respiratory health survey II).* ERS. 2003. Vienna, Austria.
- 2003 Gotschi, T., L. Bayer-Oglesby, M.E. Hazenkamp-von Arx, C. Luczynska, J. Sunyer, S. Villani, J. Heinrich, D. Norbäck, B. Forsberg, D. Jarvis, and N. Künzli. *Correlations between Surrogates of Exposure to Ambient Air Pollution (PM_{2.5} mass, Sulphur, NO₂, Black smoke, Silicium) across 21 European Centres (European Community Respiratory Health Survey II).* ISEA. 2003. Stresa, Italy.
- 2002 Gotschi, T., M.E. Hazenkamp-von Arx, P. Burney, D. Jarvis, R. de Marco, G. Verlato, S. Villani, P. Vermeire, J.A. Maldonado Perez, F. Payo Losa, K. Torén, J. Sunyer, J. Heinrich, and N. Künzli. *NO₂ Assessment and Comparison with PM_{2.5} Measurements at 21 Study Centers of ECRHS II.* ISEE. 2002. Vancouver, Canada.