

# Juan Pablo Díaz Martínez

## Contact

30-708 Charles St W  
Toronto, ON M4Y1R5  
Canada

+1 (647) 904 7029

juan.diaz.mart  
@gmail.com

## Languages

Spanish  
English

## Statistical computing

R  
Stan  
BUGS

## Educational background

2009–2013	<b>B.Sc.</b> in Actuarial Sciences	Universidad Nacional Autónoma de México
2015–2017	<b>M.Sc.</b> in Health Research Methodology (Concentration: Health Technology Assessment)	McMaster University
2017–Pres.	<b>Ph.D.</b> in Health Services Research (Concentration: Health Technology Assessment)	University of Toronto

## Research interests

- Decision modelling (using both Bayesian and classical approaches).
- Analysis of correlated data.
- Bayesian biostatistics.
- Mixed treatment comparisons.

## Work and academic experience

2018-Pres.	<b>University Health Network</b> <i>Biostatistician</i> Latent Class Mixed Models, Network meta-analysis, Analysis of longitudinal data	Toronto, Canada
2020	<b>University of Toronto</b> <i>Teaching Assistant (Graduate level)</i> DLSPH: Biostatistics II (HAD5307H)	Toronto, Canada
2019	<b>University of Toronto</b> <i>Teaching Assistant (Graduate level)</i> DLSPH: Biostatistics I (CHL5201H)	Toronto, Canada
2017	<b>McMaster University</b> <i>Teaching Assistant (Graduate level)</i> Health Research Methodology program: Introduction to Biostatistics (HRM 702)	Hamilton, Canada
2016–2017	<b>McMaster University</b> <i>Teaching Assistant (Undergraduate level)</i> Health sciences program: Critical appraisal of the medical literature (HTH SCI 3G03)	Hamilton, Canada
2016	<b>Universidad Autónoma de México</b> <i>Lecturer (Graduate level)</i> Pharmaceutical sciences program: Introduction to pharmacoeconomics (CF 3366013)	Mexico city, México
2012	<b>Universidad Nacional Autónoma de México</b> <i>Teaching Assistant (Undergraduate level)</i> Actuarial sciences program: Statistical inference (FC 1541)	Mexico city, México

## Scholarships and awards

2017–2021	<b>PhD Scholarship</b>	Conacyt
	Destined to fund doctoral's students every year (\$20,000 CAD).	
2016	<b>International Excellence Award</b>	McMaster University
	Rewarding excellence in academics, research, and extracurricular activities (\$5,000 CAD).	
2015	<b>International Excellence Award</b>	McMaster University
	Rewarding excellence in academics, research, and extracurricular activities (\$5,000 CAD).	
2015–2017	<b>Master Scholarship</b>	HS
	Destined to fund master's students every year (\$30,000 CAD).	

## Peer-reviewed publications

### Manuscripts

1. Joint trajectories of disease activity, and physical and mental health-related quality of life in an inception lupus cohort. Fung W, Lim LSH, Tomlinson G, Engel L, Su J, **Díaz-Martínez JP**, Touma Z. Rheumatology (Oxford). 2020 [Epub ahead of print].
2. Effectiveness of Electronic Medication Packaging Devices on Medication Adherence: A Scoping Review. Kurup R, **Martínez JPD**, Doucet M, Tyrrell PN. J Gerontol Nurs. 2020;46(3):27-36.
3. Efficacy of antibiotic prophylaxis in patients with cancer and hematopoietic stem cell transplantation recipients: A systematic review of randomized trials. Egan G, Robinson P, **Díaz-Martínez JP**, Alexander S, Ammann R, Tomlinson, G. Cancer medicine. 2019;8(10):4536-4546.
4. Antibiotics for uncomplicated skin abscesses: systematic review and network meta-analysis. Wang W, Chen W, Liu Y, Siemieniuk RAC, Li L, **Díaz-Martínez JP**, Guyatt GH, Sun X. BMJ Open. 2018;epub.
5. A critical appraisal kidney disease mineral and bone disorders clinical practice guidelines using the AGREE II instrument. Sekercioglu N, Al-Khalifah R, Ewusie JE, Elias RM, Thabane L, Busse JW0, Akhtar-Danesh N, Iorio A, Isayama T, **Díaz-Martínez JP**, Florez ID, Guyatt GH. International Urology and Nephrology. 2016;Nov 1:1-12.
6. Comparative Effectiveness of Phosphate Binders in Patients with Chronic Kidney Disease: A Systematic Review and Network Meta-Analysis. Sekercioglu N, Thabane L, **Díaz-Martínez JP**, Nesrallah G, Longo CJ, Busse JW, Akhtar-Danesh N, Agarwal A, Al-Khalifah R, Iorio A, Guyatt GH. PLoS One. 2016;11(6):eCollection.
7. A systematic review and mixed treatment comparison of monotherapy in early Parkinson's disease: implications for Latin America. Márquez-Cruz M, **Díaz-Martínez JP**, Soto-Molina H, De Saráchaga AJ, Cervantes-Arriaga A, Llorens-Arenas R, Rodríguez-Violante M. Expert Rev Pharmacoecon Outcomes Res. 2016;16(1):97-102.
8. Carga económica de la obesidad y sus comorbilidades en pacientes adultos en México. Soto-Molina H, Ascencio-Peréz I, Azamar-Alonso A, **Díaz-Martínez JP**, Pizarro-Castellanos M. Pharmacoeconomics Spanish. 2015;12(4):115-122.

### Abstracts

1. Cost-Effectiveness Analysis of Amfepramone (Diethylpropion) for the Obesity Treatment In Mexico. Soto-Molina H, **Díaz-Martínez JP**, Escobar JY, Fernández del VC. Value Health. 2014; 17(7):A531-2.
2. Economic Burden Of Type 2 Diabetes Mellitus For Costa Rica. Soto-Molina H, **Díaz-Martínez JP**, Escobar JY. Value Health. 2014;17(7):A743.
3. A Relationship Between EQ-5D Health State Classifications And EQ-VAS Scores In Parkinson's Disease. Rodríguez-Violante M, Cervantes-Arriaga A, Soto-Molina H, **Díaz-Martínez JP**. Value Health. 2014;17(3):A63.
4. Economic Burden of Type 2 Diabetes Mellitus For Mexico. Soto-Molina H, **Díaz-Martínez JP**, Ceballos R. Value Health. 2015;18(7):A863-4.
5. Complete Economic Evaluation of Nintedanib (Vargatef®) Plus Docetaxel as a Second-Line Treatment in Patients with Non-Small Cell Lung Cancer in Mexico. **Díaz-Martínez JP**, Soto-Molina H, Baez-Revueltas B, Herran S. Value Health. 2016;19(3):A150.