

# Daniel Capurro, MD, PhD, FAMIA, FAIDH

## Curriculum Vitae

School Computing and Information Systems  
University of Melbourne  
Melbourne, Australia

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### EDUCATION

Ph.D. Biomedical and Health Informatics, University of Washington, Seattle, 2012  
Residency Internal Medicine, Pontificia Universidad Catolica de Chile, 2006  
M.D. Medical Doctor, Pontificia Universidad Catolica de Chile, 2003  
B.S. (*Licenciado*) Medicine, Pontificia Universidad Catolica de Chile, 2000

### POSITIONS HELD

2018– University of Melbourne, Australia  
Senior Lecturer, School of Computing and Information Systems

2018–19 Pontificia Universidad Catolica de Chile  
Associate Professor, Department of Internal Medicine, School of Medicine

2017–19 National Center for Health Information Systems  
Deputy Director

2015–18 UC Christus Healthcare Network  
Chief Medical Information Officer

2012– University of Washington  
Affiliate, Department of Biomedical and Health Informatics, School of Medicine

2012–17 Pontificia Universidad Catolica de Chile  
Assistant Professor, Department of Internal Medicine, School of Medicine

### PUBLICATIONS

#### Peer-Reviewed Journal Articles

2019 Eberts M, Capurro D. Patient and Physician Perceptions of the Impact of Electronic Health Records on the Patient–Physician Relationship. *Applied clinical informatics*. 2019 Aug;10(04):729-34.

2019 Ibanez-Sanchez G, Fernandez-Llatas C, Martinez-Millana A, Celda A, Mandingorra J, Aparici-Tortajada L, Valero-Ramon Z, Munoz-Gama J, Sepúlveda M, Rojas E, Gálvez V. Toward Value-Based Healthcare through Interactive Process Mining in Emergency Rooms: The Stroke Case. *Int. J. Environ. Res. Public health*. 2019 Jan;16(10):1783.

- 2019 Rojas E, Cifuentes A, Burattin A, Munoz-Gama J, Sepúlveda M, Capurro D. Performance Analysis of Emergency Room Episodes Through Process Mining. *Int. J. Environ. Res. Public Health* 2019; 16: 1274
- 2018 Soto M, Martinez-Gutierrez J, Momany M, Capurro D, Ciampi F, Cea E, Mergudich T, Puschel K. It's Still Personal: Preferences of Underserved Chilean Women on a Mobile Technology Intervention for Cervical Cancer Screening. *JMIR Mhealth Uhealth* 2018. doi:10.2196/mhealth.9494.
- 2018 Devine EB, Van Eaton E, Zadworny ME, Symons R, Devlin A, Yanez D, Yetisgen M, Keyloun KR, Capurro D, Alfonso-Cristancho R, Flum DR. Automating Electronic Clinical Data Capture for Quality Improvement and Research: The CERTAIN Validation Project of Real World Evidence. *eGEMs*. 2018;6(1).
- 2018 Conca T, Saint-Pierre C, Herskovic V, Sepulveda M, Capurro D, Prieto F, Fernandez-Llatas C. Analysis of Multidisciplinary Collaboration in the Treatment of Patients with Type 2 Diabetes in Primary Care using Process Mining. *Journal of Medical Internet Research* 2018;20(4):e127. DOI: 10.2196/jmir.8884
- 2018 Momany MC, Martinez-Gutierrez J, Soto M, Capurro D, Ciampi F, Thompson B, Puschel K. Development of mobile technologies for the prevention of cervical cancer in Santiago, Chile study protocol: a randomized controlled trial. *BMC Cancer* 2017; 17 (1): 847.
- 2017 Alvarez C, Rojas E, Arias M, Munoz-Gama J, Sepúlveda M, Herskovic V, Capurro D. Discovering role interaction models in the Emergency Room using Process Mining. *Journal of Biomedical informatics* 2017. <https://doi.org/10.1016/j.jbi.2017.12.015>
- 2017 Rojas E, Sepulveda M, Munoz-Gama J, Capurro D, Traver V, Fernandez-Llatas C. Question-Driven Methodology for Analyzing Emergency Room Processes Using Process Mining. *Applied Science* 2017,7(3), 302; doi:10.3390/app7030302
- 2016 Rojas E, Munoz-Gama J, Sepúlveda M, Capurro D. Process Mining in Healthcare: A Literature Review. *Journal of Biomedical Informatics* 2016; DOI doi:10.1016/j.jbi.2016.04.007.
- 2014 Capurro D, Yetisgen M, van Eaton E, Black R, Tarczy-Hornoch P and the CERTAIN collaborative. Availability of Structured and Unstructured Clinical Data for Comparative Effectiveness Research and Quality Improvement: A Multi-Site Assessment. *eGEMs (Generating Evidence & Methods to improve patient outcomes)* 2014; 2(1): article 11.
- 2014 Capurro D, Ganzinger M, Perez-Lu J, Knaup P. Effectiveness of eHealth Interventions and Information Needs in Palliative Care: A Systematic Literature Review. *Journal of Medical Internet Research* 2014;16(3):e72.
- 2014 Capurro D, Cole K, Echavarría M, Joe J, Neogi T, Turner AM. The use of social networking sites for public health practice and research: a systematic review. *Journal of Medical Internet Research* 2014;16(3):e79.
- 2013 Devine EB, Capurro D, van Eaton, E, Alfonso-Cristancho R, Devlin A, Yanez, ND, Yetisgen-Yildiz M, Flum DR, Tarczy-Hornoch P and the CERTAIN Collaborative. Preparing Electronic Clinical Data for Quality Improvement and Comparative Effectiveness Research: The SCOAP CERTAIN Automation and Validation Project. *eGEMs (Generating Evidence & Methods to improve patient outcomes)* 2013; 1(1) Article 16.

- 2013 Rada G, Perez D, Capurro D. Epistemonikos: a free, relational, collaborative, multilingual database of health evidence. *Stud Health Technol Inform* 2013; 192: 486-490.
- 2013 Olsen R, Dunsmoor-Su R, Capurro D, McMahan K, Gravett M. Correlation between spontaneous preterm birth and midtrimester maternal serum estriol. *The Journal of Maternal-Fetal & Neonatal Medicine* 2013. Online First DOI 10.3109/14767058.2013.815719.
- 2013 Kirchhoff K, Capurro D, Turner AM. A Conjoint Analysis Framework for Evaluating User Preferences in Machine Translation. *Machine Translation* 2013; Online First DOI 10.1007/s10590-013-9140-x
- 2013 Demiris, George; Parker Oliver, Debra; Capurro, Daniel; Wittenberg-Lyles, Elaine. *Implementation Science: Implications for Intervention Research in Hospice and Palliative Care*. *The Gerontologist* 2013; Online First DOI: doi:10.1093/geront/gnt022
- 2012 Turner AM, Kirchhoff K, Capurro D. Using Crowdsourcing Technology for Testing Multilingual Public Health Promotion Materials. *Journal of Medical Internet Research* 2012; 14(3):e79
- 2011 Capurro D, Soto M, Vivent M, Lopetegui M, Herskovic JR. *Biomedical Informatics*. *Rev Med Chile* 2011; 139: 1611-1616
- 2011 Medford R, Dunsmoor-Su R, Capurro D, McMahan K, Gravett M. Analysis of correlation between preterm labor and estriol levels early in pregnancy. *Am J Obstet Gyn* 2011; Supp1: S207.
- 2010 Rada G, Capurro D, Pantoja T, Corbalán J, Moreno G, Letelier LM, Vera C. Non-hormonal interventions for hot flushes in women with a history of breast cancer. *Cochrane Database of Systematic Reviews* 2010, Issue 9. Art. No.: CD004923. DOI: 10.1002/14651858.CD004923.pub2.
- 2007 Capurro D. *Health Informatics in Chile: Responding to Health Reforms*. *Health Information and Libraries Journal* 2007; Vol. 24 Issue 4: 287.
- 2007 Capurro D, Rada G. *The Diagnostic Process*. *Rev Med Chil* 2007; 135:534-538.
- 2004 Capurro D, Gabrielli L y Letelier LM, Intention to treat and follow up are important in assessing validity of a randomized clinical trial. *Rev Med Chil*. 2004 Dec;132(12):1557-60.
- 2004 Capurro D y Caiozzi G. Critical Appraisal of an article: Use of antioxidant vitamins for the prevention of cardiovascular disease: meta-analysis of randomized trials. *Rev. Med Chile*. Feb. 2004, vol.132, no.2, p.253-259.
- 1999 Capurro D and Huidobro-Toro J.P. The involvement of neuropeptide Y Y1 receptors in the blood pressure baroreflex: studies with BIBP 3226 and BIBO 3304. *European Journal of Pharmacology* 376 (1999) 251-255.
- 1998 Mezzano V, Donoso V, Capurro D and Huidobro-Toro JP. Increased neuropeptide Y Pressor Activity in Goldblatt hypertensive Rats: in Vivo Studies with BIBP 3226. *Peptides*, Vol 19, No 7, 1227-1232. 1998.

### Peer-Reviewed Full Conference Papers

- 2017 Capurro D, Echeverry A, Figueroa R, Guíñez S, Taramasco C, Galindo C, Avendaño, García A, Härtel S. Chile's National Center for Health Information Systems: A Public-Private Partnership to Foster Health Care Information Interoperability. MEDINFO 2017, Hangzhou, China
- 2017 Demiris G, Turner A, Capurro D. Informatics Tools as Facilitators for Patient Engagement. MEDINFO 2017, Hangzhou, China.
- 2015 Capurro D, Chauduri S, Turner AM. The Online Availability of Multilingual Health Promotion Materials Produced by Local Health Departments: An information assessment. International Medical Informatics Association bi-annual meeting. MEDINFO 2015, Sao Paulo, Brazil.
- 2015 Capurro D, Barbe M, Daza CA; Santa Maria JA, Trincado J, Gomez I. ClinicalTime: Identification of Patients with Acute Kidney Injury using Temporal Abstractions and Temporal Pattern Matching. American Medical Informatics Association Joint Summit on Translational Science. San Francisco, CA. March 2015
- 2013 AM, Mandel H, Capurro D. Local Health Department Translation Processes: Potential of Automated Technologies to Help Meet Needs. American Medical Informatics Association Annual Symposium. Washington DC. October 2013.
- 2012 Kirchhoff K, Capurro D, Turner AM. Eliciting User Preferences in Machine Translation Using Conjoint Analysis. 16th Annual Conference of the European Association of Machine Translation. Trento, Italy. May 2012.
- 2012 M. Tepper, D. Capurro, F. Xia, L. Vanderwende, M. Yetisgen-Yildiz. Statistical Section Segmentation in Free-Text Clinical Records. Proceedings of the International Conference on Language Resources and Evaluation (LREC), Istanbul. May, 2012.

### Peer-Reviewed Conference Abstracts

- 2018 Gutierrez S, Erazo C, Guíñez S, Taramasco C, Galindo C, Figueroa R, Capurro D, Garcia A, Härtel S. CENS: Towards a Latin American Proposal for Core Competencies in Health Information Systems. AMIA Informatics Education Forum. New Orleans, LA. USA. June 2018.
- 2017 Daza C, Santa María J, Gomez I, Trincado J, Barbe M, Capurro D. [Automatic Detection of Sepsis Patients, a Big Data Approximation] in Spanish. 35th Chilean Critical Care Conference, 2017 Pucón, Chile.
- 2016 C, Santa María J, Gomez I, Trincado J, Barbe M, Capurro D. Phenotyping Intensive Care Unit Patients Using Temporal Abstractions and Temporal Pattern Matching. 7th ACM Conference on Bioinformatics, Computational Biology, and Health Informatics (ACM-BCB). October 2016, Seattle, WA.
- 2016 Rojas E, Sepulveda M, Munoz-Gama J, Capurro D, Seret A. Calculating Emergency Room Metrics through Process Mining. 38th Annual International Conference of the IEEE Engineering in Medicine and Biology Society. August 2016, Orlando, USA.
- 2016 Daza C, Gomez I, Santa María J, Trincado J, Barbe M, Capurro D. Identification of Sepsis patients using Temporal Abstractions and Temporal Pattern Matching. Medical Informatics

- Europe-MIE 2016. Munich, Germany.
- 2016 Santa María J, Gomez I, Daza C, Trincado J, Barbe M, Capurro D. Identification of Patients with Ventilator Associated Pneumonia Using ClinicalTime, a Temporal Abstraction and Temporal Pattern Matching System. Medical Informatics Europe-MIE 2016. Munich, Germany.
- 2015 Martinez-Gutiérrez J, Soto M, Momany M, Ciampi F, Capurro D, Cea E, Puschel K. “Messages for Your Health”: Mobile use and cancer prevention for underserved Latinas in Santiago Chile. Eighth AACR Conference on The Science of Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; November 13-16, 2015; Atlanta, Georgia
- 2015 Capurro D, Soto M, Catalan S. Characterization of Help Desk issues After the Implementation of an Emergency Department Electronic Health Record. International Medical Informatics Association bi-annual meeting. MEDINFO 2015, Sao Paulo, Brazil.
- 2015 Leon T, Gutierrez L, Garrido I, Grez M, Gomez S, Morales MI, Scheel F, Farías MA, Riquelme A, Perez E, Alvarez L, Capurro D, Ruiz S. Violencia de Pareja en Consultantes a Medicina Interna y su Asociación a Sintomatología Depresiva. Congreso Chileno de Medicina Interna 2015, Viña del Mar, Chile.
- 2015 Soto M, Capurro D, Catalan S. Evaluating the data completeness in the Electronic Health Record after the Implementation of an Outpatient Electronic Health Record. International Medical Informatics Association bi-annual meeting. MEDINFO 2015, Sao Paulo, Brazil.
- 2014 Devine EB, van Eaton E, Devlin A, Yanez, ND, Yetisgen-Yildiz M, Capurro D, Alfonso-Cristancho R, Flum DR, Tarczy-Hornoch P. Preparing electronic clinical data for quality improvement and research: The CERTAIN validation project. 4th Annual EDM Forum Symposium. San Diego, CA. June 2014.
- 2013 Rada G, Capurro D, Rivera S. Risk of bias assessment of studies included in multiple Cochrane reviews: agreement between different reviews. 2013 Cochrane Colloquium. Quebec City, Canada. September 2013
- 2013 Rada G, Capurro D, Rivera S, Peña J, Claro JC, Soto M, Neumann I, Perez D. Epistemonikos: a comprehensive, systematic, collaborative and multilingual database for evidence-based health care. 2013 Cochrane Colloquium. Quebec City, Canada. September 2013
- 2013 Capurro D, Ganzinger M, Perez J. Palliative Care from a Medical Informatics Perspective in Chile, Germany and Peru. MEDINFO 2013. International Medical Informatics Association bi- annual meeting. Copenhagen, Denmark. August 2013.
- 2012 Van Eaton E, Yetisgen-Yildiz M, Rhodes AD, Capurro D, Devine EB, Alfonso R, Flum DR, Tarczy- Hornoch P. Automating Clinical Data Extraction to Support Comparative Effectiveness Research. 34th Annual Meeting of the Society for Medical Decision Making, 2012. Phoenix, AZ.
- 2011 Turner AM, Capurro D, Krichoff K. The availability of translated public health materials for limited English proficiency populations in Washington State. 3rd Annual Health Literacy Conference, 2011. Chicago, IL.
- 2011 Brownstein M, Capurro D, Cole K, Karasz H, Turner AM. Improving Access to Health Materials through Machine Translation. Washington State Joint Conference on Health,

2011. Vancouver, WA.
- 2011 Capurro D, Chaudhuri S, Brownstein M, Turner AM. Assessment of Translated Public Health Materials in Washington State. University of Washington Health Services Annual Research Meeting, 2011. Seattle, WA.
- 2011 Capurro D, Tarczy-Hornoch P. Assessing the complexity of clinical data requests. AMIA Translational Bioinformatics Summit. 2011. San Francisco, CA.
- 2010 Yetisgen-Yildiz M, Saleem S, Capurro D. A Hybrid System for Named-Entity Extraction from Clinical Discharge Summaries. Fourth i2b2/VA Shared-Task and Workshop Challenges in Natural Language Processing for Clinical Data. 2010. Washington D.C.
- 2010 Rada G, Claro JC, Neumann I, Capurro D, Soto M, et al (The Epistemonikos Project). A Collaborative, Multilingual, Question-Based Database: An Easy way of retrieving Evidence and a Framework to Collaboration in Health Research. Epistemonikos Project. Evidence 2010. London, UK.
- 2009 Capurro D, Kalet I. Representation of a Simple and Unambiguous Clinical Guideline in a Computer Interpretable Language. AMIA 2009 Annual Symposium. San Francisco.
- 2008 Capurro D, Rada G, Pantoja T, Letelier LM, Moreno G. Do Cochrane systematic reviews help decision makers from middle income countries? Update of the Chilean experience. XVI Cochrane Colloquium, Freiburg, Germany 2008.
- 2006 Letelier LM, Capurro D, Rada G., Zavala C., Moreno G., Pantoja T. Do current Cochrane Systematic Reviews (CSR) help decision makers from middle income countries? The Chilean experience. XIV Cochrane Colloquium, Dublin, Ireland 2006.
- 2005 Capurro D, Rivera S, Larrondo F. Use of the Cochrane Database of Systematic Reviews by Chilean residents: impact and barriers. XIII Cochrane Colloquium, Melbourne, Australia 2005.
- 1999 Huidobro-Toro JP, and Capurro D. Involvement of NPY in vascular sympathetic reflexes: in vivo studies with BIBP 3226 and BIBO 3304. 5th International NPY meeting, Grand Cayman 1999.
- 1998 Capurro D. y Huidobro-Toro, J.P. Antagonistas de NPY (BIBP y BIBO) bloquean el aumento de la presión arterial sistémica inducida por oclusión carotídea bilateral. XXth Annual Meeting of the Chilean Society of Pharmacology. Acacias Hotel, Vitacura, Santiago, Chile. 1998

#### **Peer-Reviewed Book Chapters**

- 2014 Luz María Letelier, Daniel Capurro, Jaime Cerda, Lorena Cifuentes, Juan Carlos Claro, Gabriel Rada, Solange Rivera, Victor Montori. Chapter 19.2 Examples of Likelihood Ratios in: Users' Guide to the Medical Literature 3rd Edition. 2014 American Medical Association.
- 2008 Luz Maria Letelier, Gabriel Rada, Daniel Capurro, Solange Rivera, Victor Montori. Chapter 17.2 Examples of Likelihood Ratios in: User's Guide to the Medical Literature 2nd Edition. 2008 American Medical Association

## INVITED TALKS

- 2019 “Standards for Clinical Decision Support Systems.” Chilean HL7 Chapter. Santiago, Chile.
- 2019 “Artificial Intelligence in Medicine.” Victorian Biomedical Imaging Capability. Melbourne, Australia.
- 2018 “Using Big Data for Healthcare and the Protection of Personal Data.” Chilean Gastroenterology Symposium. Puerto Varas, Chile.
- 2018 “The Value of Data in Patient Experience.” 1st Conference on Patient Experience in Primary Care. Santiago, Chile.
- 2018 “Big Data in Chile: opportunities and challenges.” II Sigesa Latam Healthcare Management Seminar. Santiago, Chile.
- 2017 “Clinical Informatics: a healthcare innovation platform.” Perspective of Chilean - French collaboration in chronic illness and ageing: The case of brain disorders. Santiago, Chile.
- 2017 “Opportunities and Challenges of Big Data in Healthcare.” País Digital Foundation Healthcare Summit. Santiago, Chile.
- 2017 “Towards a National Congenital Hypothyroidism Registry.” International Congenital Hypothyroidism Symposium. Santiago, Chile.
- 2016 “Big Data is Dirty Data: new approaches to patient phenotyping.” OpenBeaucheff, Universidad de Chile. Santiago, Chile.
- 2016 “Technology and Disruptive Innovation in Healthcare.” DUOC Technical Institute Academic Year Opening Ceremony. Santiago, Chile.
- 2015 “Clinical Informatics and its contribution to clinical research.” Sótero del Río Hospital. Santiago, Chile.
- 2015 “Clinical Informatics: an organizational platform for healthcare innovation.” Argentinian Health Informatics Annual Symposium. Cordoba, Argentina.
- 2014 “Implementation Science, an eHealth perspective.” eHealth Symposium. Santiago, Chile.
- 2014 “EHRs: implications for research and clinical practice.” San Juan de Dios Hospital. Santiago, Chile.
- 2014 “EHR Implementation in an Emergency Department.” Emergency Department Management Symposium, Clínica Las Condes. Santiago, Chile.
- 2013 “Meaningful Use of Health Information Technologies.” World Congress of Internal Medicine. Santiago, Chile.
- 2013 “Mobile Technologies for Health Care.” World Congress of Internal Medicine. Santiago, Chile.
- 2013 “Meaningful use of the Electronic Medical Record.” Chilean Chamber of Construction. Santiago, Chile.
- 2013 “Medical Informatics and Hospital Medicine.” Hospital Medicine Symposium. Santiago, Chile.
- 2013 “Outpatient Monitoring of Patients in Palliative Care.” Colombia National University. Bogota, Colombia.

## GRANTS, FELLOWSHIPS

- 2019 Generating Real-world Evidence using Digital Phenotypes. Role: PI (\$244,000 USD/ 3 years). Funding Agency: Chilean National Commission for Science and Technology (CONICYT). — Declined
- 2019 Harnessing Information Visualization and Interactivity to Develop Interfaces for Explainable AI. Role: Co-investigator (\$200,000 USD/ 3 years). Funding Agency: Chilean National Commission for Science and Technology (CONICYT).
- 2017 National Center for Health Information Systems (\$5,000,000 USD/5 years). Role: Co-PI. Funding Agency: Chilean Development Agency (CORFO).
- 2014 Modulating factors and impact of intimate partner violence on physical and mental health. Role: Co-PI. Funding Source: Interdepartmental Research Fund, School of Medicine, Pontificia Universidad Catolica de Chile.
- 2014 Development of mobile technologies for cervical-cancer prevention in Santiago, Chile: a randomized controlled trial (\$50,000 USD/18 months). Role: Co-Investigator. Funding Agency: Chilean National Commission for Science and Technology (CONICYT).
- 2013 Analysis of Multidisciplinary Collaboration in Primary Healthcare Using Process Mining (\$115,000 USD/3 years). Role: Co-Investigator. Funding Agency: Chilean National Commission for Science and Technology (CONICYT).
- 2013 Identification of patient cohorts in large clinical databases using temporal abstractions and temporal patterns of clinical events. (\$200,000 USD/4 years). Role: PI. Funding Agency: Chilean National Commission for Science and Technology (CONICYT).
- 2012 Introduction to Biomedical Informatics: developing transdisciplinary skills to improve biomedical research. Teaching Development Fund. (\$4,200 USD). Role: PI. Pontificia Universidad Catolica de Chile
- 2008 Fulbright Faculty Development Program. US Department of State.
- 2008 MECESUP Faculty Development. Chilean Ministry of Health.
- 2007 Intensified Insulin Therapy versus Usual Therapy in Patients Hospitalized in the General Internal Medicine Ward (\$50,000 USD/18 months). Role: Co-Investigator. Funding Agency: Chilean National Commission for Science and Technology (CONICYT).

## AWARDS

- 2017 Best Teacher Award. School of Medicine, Pontificia Universidad Catolica de Chile.
- 2016 Academic Clinical Management Award. School of Medicine, Pontificia Universidad Catolica de Chile.
- 2015 P. Universidad Catolica de Chile Travel Award (\$ 1,500 USD)
- 2013 P. Universidad Catolica de Chile Travel Award (\$ 1,300 USD).
- 2011 Graduate School's Fund for Excellence and Innovation – Graduate Student Travel Award, University of Washington
- 2009 Graduate School's Fund for Excellence and Innovation – Graduate Student Travel Award,



University of Washington  
2003 Dr. Gabriel Letelier Award—Best Internal Medicine Intern. School of Medicine, Pontificia Universidad Católica de Chile.

## **TEACHING EXPERIENCE**

### **The University of Melbourne**

INFO 90001 eHealth Methods and Tools (S2, '19) - 32 Graduate students.

### **Pontificia Universidad Catolica de Chile**

Integration in Medical Sciences I (Spring '15, '16, '17, '18) — 130 undergraduate Students

Integration in Medical Sciences II (Fall '16, '17, '18) — 130 undergraduate Students

Integration in Medical Sciences III (Spring '16, '17, '18) — 130 undergraduate Students

Integration in Medical Sciences IV (Fall '17, '18) — undergraduate 130 Students

### **University of Washington**

Medical Information and Decision Making (Fall '09, '10: grad student instructor)

## **SERVICE**

### **Editorial Boards**

*Frontiers in Digital Health*

### **Peer Reviewer**

*Journal of Biomedical Informatics*

*Journal of Medical Internet Research*

*Journal of the American Medical Informatics Association* (Student Editorial Board 2010–2012)

*Revista Medica de Chile*

*Revista Peruana de Medicina Experimental y Salud Publica*

*BMC Research Notes*

### **Service to Field**

Reviewer. Nursing Informatics International Congress 2020

Scientific Program Committee. AMIA Annual Symposium 2020.

Reviewer. AMIA 2020 Informatics Summit, March 2020

Scientific Program Committee. IEEE International Conference on Bioinformatics & Biomedicine 2019

Scientific Program Committee. MakeHealthChile, Health Data Science: Conference and Workshops. June 2019 Santiago, Chile.

Scientific Program Committee, Process Oriented Data Science for Health (PODS4H) workshops. 2018, 2019

Advisory Board, Chilean National Fund for Health Research (FONIS). 2015–2017

Scientific Program Committee, AMIA Annual Symposium 2015

Vice-President, Chilean Association of Health Informatics. 2013–2015

Board Member, Chilean Association of Health Informatics. 2011–2013

### **Service to Department/University**

Committee on Gender Diversity in Academia. School of Medicine. Pontificia Universidad Catolica de Chile. 2018

Ph.D. Admission Committee student representative, University of Washington, 2011–12

Residency Admission Committee student representative, Pontificia Universidad Catolica de Chile, 2005

### **PROFESSIONAL AFFILIATIONS**

Fellow of the Australasian College of Health Informatics

Fellow of the American Medical Informatics Association — Inaugural Class

Chilean Association of Health Informatics

### **CREDENTIALS**

Chilean Internal Medicine Board (CONACEM)

Chilean Health Superintendence

### **LANGUAGES**

English    Fluent.

Spanish    Native.

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