



University
of Victoria

Health Information Science Seminar Series

**Dr. Fernando Martin-Sanchez presents:
Exploring new challenges for Health Informatics
research and education in the context of Precision
Medicine**

Wednesday, May 10

12:00 p.m. – 1:00 p.m.

Human and Social Development Building A150 &
online using Blackboard Collaborate

The US Precision Medicine Initiative (PMI) defines precision medicine as an emerging approach for disease treatment and prevention that takes into account individual variability in genes, environment, and lifestyle. This presentation will examine how health informatics can contribute to generating richer and more robust evidence about healthcare aims, health processes, and health outcomes in the context of Precision Medicine through Participatory Health Technologies. It will also present potential new ways of structuring our skills, methods, expertise and educational programs such that the next generation of health informaticians is placed at the best possible position to respond to these new challenges.

Dr. Fernando Martin-Sanchez received his BSc/MSc in Molecular Biology and Biochemistry from the Autonomous University of Madrid (UAM), and an MSc degree in Knowledge Engineering and a PhD in Informatics from the Technical University of Madrid (UPM). After doing his postdoctoral in Biomedical Engineering, he became the first CIO of Spain's National Institute of Health 'Carlos III' (ISCIII), and became the Founding Director of its Medical Bioinformatics Department. In 2010, he received his PhD in medicine from the University of A Coruna (Spain). In 2011, the University of Melbourne's Medical School appointed him Professor and Chair of Health Informatics, and in 2013, he became the inaugural Health and Biomedical Informatics Center's Director. In December 2015, he accepted an academic role with Weill Cornell Medicine (Cornell University) in New York. Currently, Dr. Martin-Sanchez is IMIA's Chair of Big Data Mining and Analytics Working Group. In addition, he is the Co-Editor in Chief of the International Journal of Big Data and Analytics in Healthcare and co-author of more than 180 other publications.

To connect to the LIVE session, go to: <https://ca-sas.bbcollab.com/c.jnlp?password=C.99A7EFF7A819E10FCC5D88C3D1D020&sid=2009331>

It is important to **setup your computer well in advance to joining this session.**
http://www.uvic.ca/til/services/home/services_blackboard_collaborate/index.php