

DHSI Seminar Series

The School of Medicine would like to invite you to join us as we host the Digital Health Science Series of Seminars.

Wednesday 16th October 2019

Seminar room 2

Location: <https://www.st-andrews.ac.uk/medicine/contact/>

Frank Sullivan	Start with Lunch & Welcome	12.00pm
Virginia Hernandez Santiago	Challenges of data linkage for analysis of antimicrobial resistance in the community	12.20pm
Peter Thorpe	St Andrews Bioinformatic department and cluster. A resource for all. Example project: PacBio genome assembly, RNAseq and SNP analysis	12.50pm
David Fraille Navarro	Developing an algorithm to categorise smoking history from GP EMRs	1.20pm
All	General discussions	1.50pm

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An Opportunity for collaboration and networking

The core values of the seminar series is to allow a learning environment that cross cuts traditional academic “silo” thinking. Therefore this seminar series will focus on maximising the critical mass present in the participating seven schools who are currently contributing in the science of digital health.

In order to allow innovative thinking and collaborative practice the themes of every seminar will focus on one chronic and relapsing health related condition and/or a technological theme with all schools. Contributors to these seminars are encouraged to present any aspect of digital science. This year we also have NHS Fife participating into this.

The following chronic conditions will be our initial cross cutting themes:

Addictions	Respiratory and Cardiovascular	Hepatology
Chronic Pain	Oncology	Diabetes and Endocrinology
Renal	Neurodegenerative	Neurodevelopmental
Ophthalmic	Infectious Diseases	Neuroscience and Psychiatry

Cross cutting technological themes include (and are not limited to):

Machine learning	GIS	Population models
Statistics	Big data	Graph theory
Inference	Remote monitoring	Human computer interaction
Deep learning	Image analysis	Linkage

The following dates have been selected to hold our DHSI seminar series.

School	Date	Time	Lead Contact
Mathematics & Statistics	16.8.19	12-2pm	m.papathomas@st-andrews.ac.uk
Medicine	16.10.19	12-2pm	amb30@st-andrews.ac.uk
Physics & Astronomy	4.12.19	12-2pm	mm17@st-andrews.ac.uk
Biology	tbc.4.20	12 -2pm	Maadd@st-andrews.ac.uk andy.gardner@st-andrews.ac.uk
Computer Science	10.6.20	12-2pm	twk@st-andrews.ac.uk
Geography & Sustainable Development	14.8.20	12-2pm	Katherine.keenan@st-andrews.ac.uk