


# iHEA Basel 2019 Congress Presentations by members of HERC




**NEW HEIGHTS IN HEALTH ECONOMICS**

Basel, Switzerland  
13 – 17 July, 2019

Plenary speakers:

Raj Chetty, Harvard: Economic Opportunity and Health Inequality:  
New Insights from Big Data

Janet Currie, Princeton: Child health and human capital



## Organised Sessions by members of HERC

### New Insights on Eliciting Stakeholder Valuations for Genomic Testing

Monday, July 15, 2019 - 10:30 - 12:00. Universität Basel - Vesalianum - Grosser Hörsaal EO.16

Organiser and chair: **Sarah Wordsworth**. This session features 4 presentations:

1. *Genomic Sequencing in Advanced Cancer: Do Patients and the Public Prefer the Same?* Presenter: Paula Lorgelly
2. *Do health professionals value genomic testing? A discrete choice experiment in inherited cardiovascular disease.* Presenter: **James Buchanan (HERC)**
3. *A Stated Choice Experiment to Predict Genomic Testing Uptake and Willingness-to-Pay: Evaluating the Role of Familiarity, Awareness, and Individual Risk-Attitudes and Beliefs Using Linear and Non-Linear Model Specifications.* Presenter: Ilias Goranitis
4. *Patient Demand for Precision Medicine: The Role of Evidence Uncertainty in Decision-Making.* Presenter: Dean Regier

## **Provider Payment Reform**

Monday, July 15, 2019 - 1:30 - 3:00 PM. Universität Basel – Klinikum 1 - Hörsaal 3

Session Chair: **Apostolos Tsiachristas**

## **Allocating Healthcare Resources to Genomic Testing Around the World: Latest Evidence and Current Challenges in Four Countries.**

Monday, July 15, 2019, 3:30 – 5:00 PM. Universität Basel – Kollegienhaus - Hörsaal 102

Organiser and chair: **James Buchanan**. This session features 4 presentations:

1. Latest Evidence and Challenges for Allocating Healthcare Resources to Genomic Testing in Australia. Presenter: Ilias Goranitis.
2. Latest Evidence and Challenges for Allocating Healthcare Resources to Genomic Testing in Canada. Presenter: Dean Regier
3. How much economic evidence is really needed to change a healthcare system? An insight from the UK 100,000 Genomes Project. Presenter: **Sarah Wordsworth**. Author: **James Buchanan**
4. 'Never a Dull Moment': The Influence of the Rapidly Evolving Social and Political Context on Resource Allocation for Genomics in the U.S. and Beyond. Presenter: Kathryn A Phillips.

## **Production of Health, Health Behaviours & Policy Interventions: Antimicrobial Resistance: What Solutions Can Economists Bring to This Challenge?**

Tuesday, July 16, 2019, 10:30 – 12:00. Universität Basel – Kollegienhaus – Hörsaal 118

Organiser and session chair: Sarah Wordsworth

1. *The challenge of antimicrobial resistance: what economics can contribute?* Presenter: **Richard Smith**.
2. *What influences public and GP willingness to use delayed prescribing? A series of discrete choice experiments.* Presenter: **Liz Morrell**. HERC co-authors, James Buchanan, Laurence Roope, Koen Pouwels and Sarah Wordsworth.
3. *Reducing Expectations for Antibiotics in Primary Care: A Randomised Experiment to Test the Provision of Different Types of Information.* Presenter: **Laurence Roope**. HERC co-authors, Koen Pouwels and Sarah Wordsworth.
4. *Modelling the Long-Term Consequences of Antibiotic Use.* **Koen Pouwels**. HERC co-author Sarah Wordsworth.

**James Buchanan** is the organiser of the Early Career Research Pre-Congress Session, which will take place on Saturday 13 July from 13:00 – 18:15 in Universität Basel - Kollegienhaus - Hörsaal 116 and 117.

## **Cost-Effectiveness Modelling of Testing Strategies: Methods to Appropriately Capture Uncertainty**

Wednesday, July 17, 2019 - 08:30 - 10:00. Universitätsspital Basel - Klinikum 1 - Hörsaal 3

Discussant: **James Buchanan**

## **Oral Presentations**

### **Demand and Utilization of Health Services: Antibiotics/Pharma**

Monday, July 15, 2019, 08:30 – 10:00. Universität Basel - Vesalianum - Grosser Hörsaal 114

*Is There an Appetite in the United Kingdom for Online Antibiotic Prescribing? Evidence from a Discrete Choice Experiment.*

Presenter: **James Buchanan**. Authors: **Laurence Roope**, **Liz Morrell**, **Koen Pouwels**, Julie Robotham, Lucy Able, Derrick W Crook, Timothy Peto, Christopher C Butler, Sarah Walker, **Sarah Wordsworth**.

### **Economic Evaluation of Health and Care Interventions: Extending the Methods of 'Traditional' Economic Evaluation**

Monday, July 15, 2019, 08:30 – 10:00. Universität Basel – Kollegienhaus - Hörsaal 001

*Should we consider baseline health utility scores when developing decision models for economic evaluations? A case study of joint replacement.* Presenter: **Phillip Clarke**. Authors: **José Leal**, Michelle Tew.

### **Economic Evaluation of Health and Care Interventions: The Use of Discrete Choice Experiments in Policy: Future Directions and Challenges**

Monday, July 15, 2019, 10:30 – 12:00 PM. Universität Basel – Kollegienhaus - Hörsaal 117

*Capturing the Role of Addiction in Smokers' Choices: An Addiction-Conditioned, Hybrid Choice Model Approach Applied to Smokers in the US.* Presenter: **John Buckell**. Authors: Philip Powell, Maria-Jose Aragon, Rowena Jacobs.

### **Specific Populations: Costs and Outcomes in Specific Populations**

Tuesday, July 16, 2019, 08:30 – 10:00. Universität Basel – Kollegienhaus - Hörsaal 102

*Choice of Statistical Model for Estimating Health State Utility for Economic Models: A Case Study Using Quality of Life Data from Individuals at High Risk for Diabetes.* Presenter: **Frauke Becker** Authors: Talitha Feenstra, Eva Pagano, **José Leal**.

### **Production of Health, Health Behaviours & Policy Interventions: Socioeconomic Status and Other Drivers of Health**

Tuesday, July 16, 2019, 08:30 – 10:00. Universität Basel – Kollegienhaus - Hörsaal 1117

*Defining and Measuring Health Poverty.* Presenter: **Philip Clarke**. Author: Guido Erreygers

### **New Developments in Methodology: Recent Advances in Health Economic Evaluation Methods**

Tuesday, July 16, 2019, 10:30 – 12:00. Universität Basel – Kollegienhaus – Seminarraum 103

*Breaking away from central tendencies to derive more individualised estimates on costs and effects.* Presenter: **Joel Smith**. Authors: **Francesco Salustri**, John Forbes.

### **Demand & Utilization of Health Services: Child and Maternal Healthcare**

Wednesday, July 17, 2019, 8:30 – 10:00. Universität Basel – Kollegienhaus – Seminarraum 103

*Budget Allocation at the Commissioning Level: Does Child Mental Health Lose out?* Presenter: **Apostolos Tsiachristas**. Authors: **Stephen Rocks**, Mina Fazel.

### **New Developments in Methodology: Survival and Treatment Path Modelling**

Wednesday, July 17, 2019, 8:30 – 10:00. Universität Basel – Kollegienhaus – Seminarraum 209

*Predicting Utility that is missing by Design Using Directed Acyclic Graphs.* Presenter: **Winnie Mei**. Authors: **Joel Smith**, John Forbes, Gillian Mead, Martin Dennis.

### **Specific Populations: Valuing Outcomes in Chronic Disease**

Wednesday, July 17, 2019, 10:30 – 12:00. Universität Basel – Kollegienhaus – Seminarraum 106

*Obtaining EQ-5D-5L Utilities from the Disease Specific Quality of Life Alzheimer's Disease Scale: Development and Results of a Mapping Study.* Presenter: **Ines Rombach**. Authors: Marvi Iftikhar, Ron Handels, Gurleen Jhuti, Anders Gustavsson, Pascal Lecomte, Yovanna Castro, Jan Kors, John Gallacher, **Filipa Landeiro**, **Alastair Gray**.