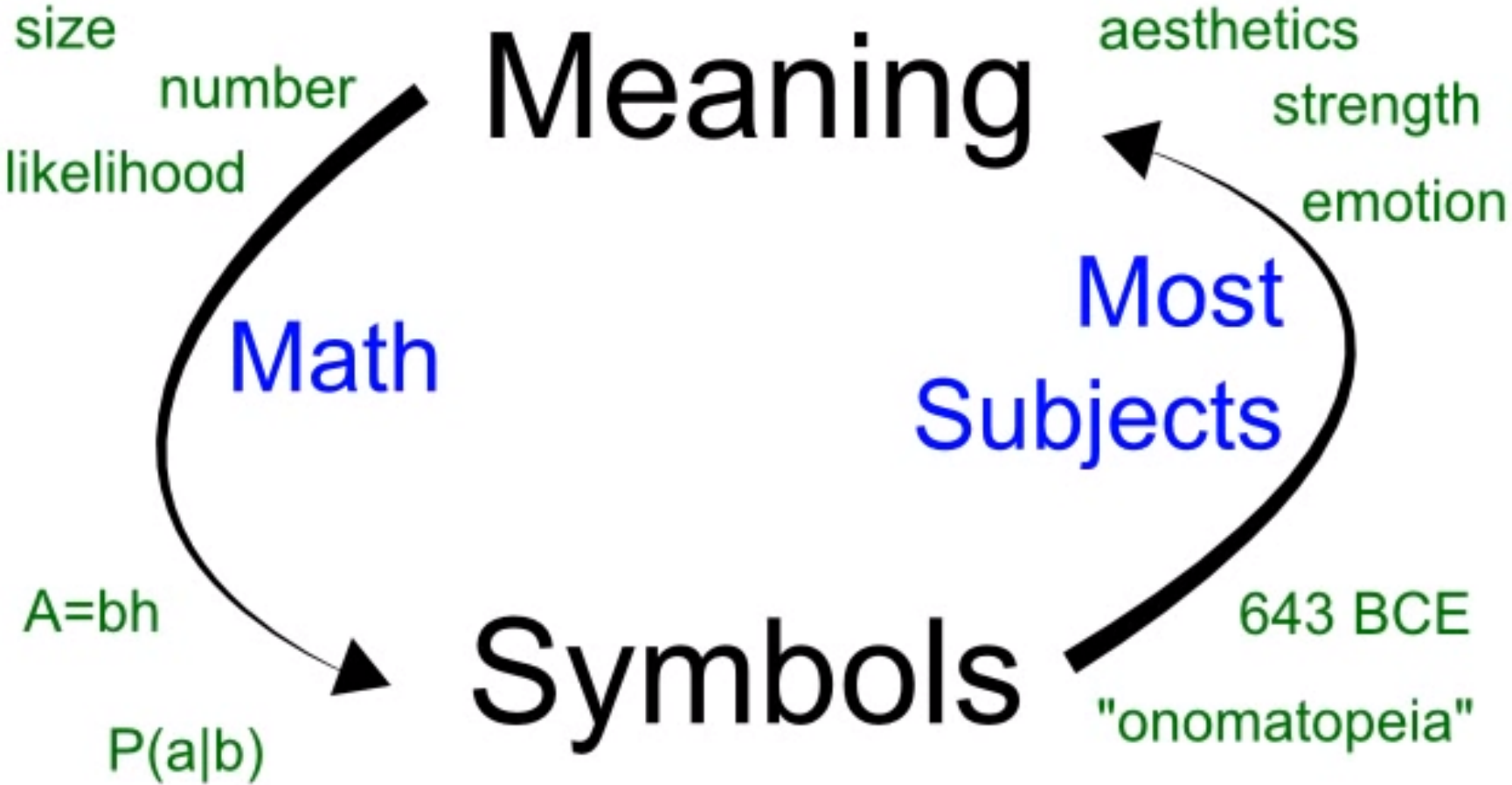


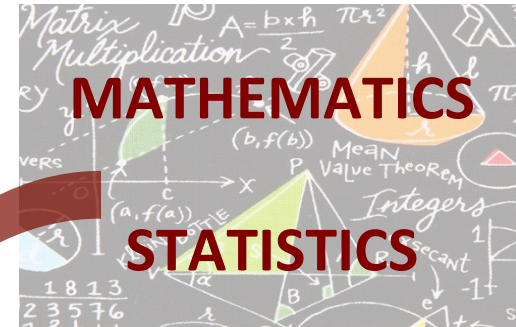
IN ORDER TO
UNDERSTAND
THE UNIVERSE
YOU MUST
KNOW THE
LANGUAGE
IN WHICH
IT IS WRITTEN
AND THAT
LANGUAGE IS
MATHEMATICS

- GALILEO GALILEI

MATHEMATICS BREAKS THE WORLD DOWN INTO NUMBERS AND SYMBOLS



BE PREPARED: MATHEMATICS & STATISTICS ARE POWERFUL TOOLS FOR LIFE



1. Make connections between different areas of knowledge

2. Create or add value

3. Compete on a global scale

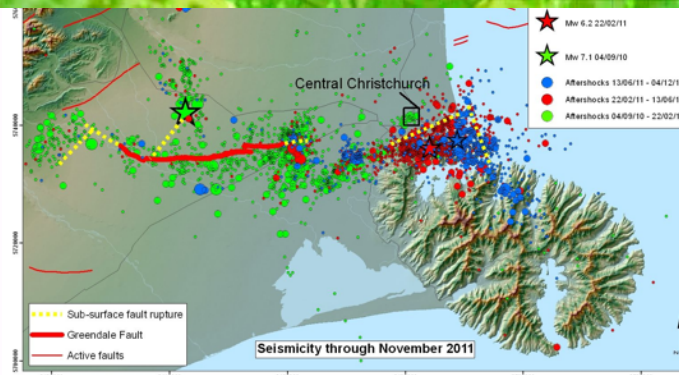
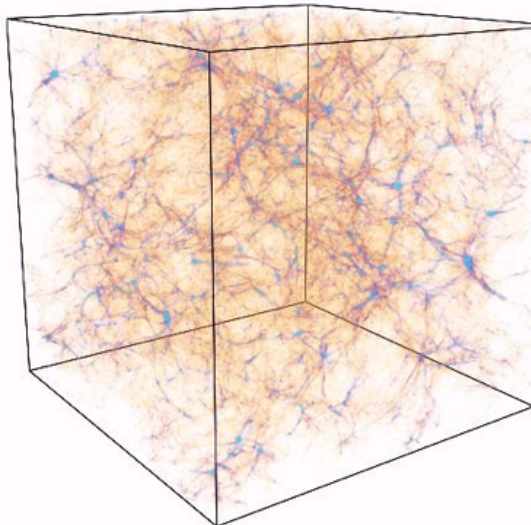
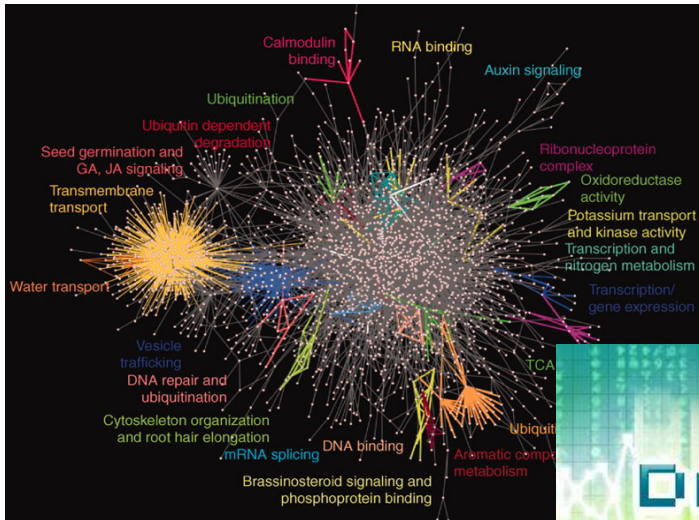
SURVIVAL IN THE WILDERNESS

SURVIVE & THRIVE IN THE REAL WORLD

LUCRATIVE PROFESSIONS REQUIRE A SOUND UNDERSTANDING OF MATHEMATICS & STATISTICS



BIG DATA IS EVERYWHERE BUT WHAT DOES IT ALL MEAN?





“I keep saying the sexy job in the next ten years will be STATISTICIANS....The ability to take data—to be able to understand it, to process it, to extract value from it, to visualize it, to communicate it—that’s going to be a hugely important skill in the next decades...”

**- Hal Varian
Chief Economist, GOOGLE**

OUR GRADUATES. WHERE ARE THEY NOW?

James Bonifacio



**D. Phil Candidate
OXFORD UNIVERSITY, UK**

James Williams



**Ph.D. Candidate
YALE UNIVERSITY, USA**

Andrew Richen



**Statistical Analysts
STATISTICS NEW ZEALAND**

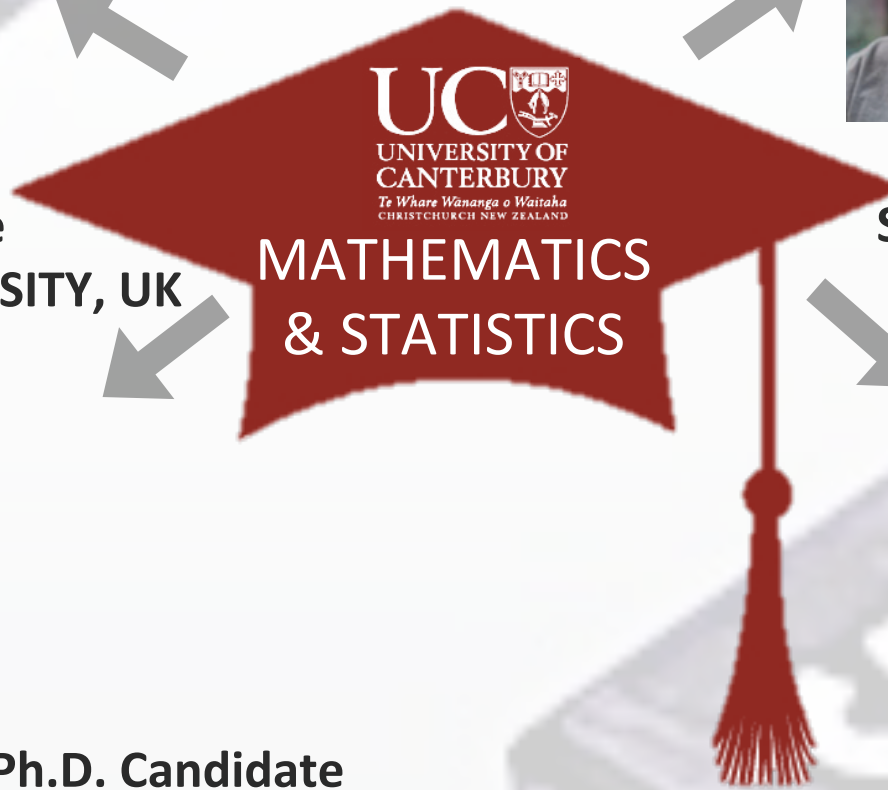
**Catherine
Cumpstone**



Katy Bergstrom



**Economic Analyst
RESERVE BANK OF NEW ZEALAND**



THE CAREER POSSIBILITIES ARE ENDLESS

INDUSTRY & COMMERCE

ORION - Network Investment Analyst

A university degree that includes economics, **mathematics** and physics

Meteorological Service, NZ – *Trainee*

Pacific Edge Biotech, Ltd – *Informatician*

Rodgers & Partners Consultants Ltd –
Business Analyst

Tower Managed Funds Ltd – *Actuary*

Weyerhaeuser Ltd – *Logistics Coordinator*

Zespri Int Ltd – *Innovation Analyst*

STATISTICS NEW ZEALAND

Analyst - Regional & Housing

Analysts – National & Enterprise Accts

Analysts - Payments, Trade

Economic Statistician

Mathematical Statisticians

Analyst - Maori Statistics Unit

Economic Statistician/Analyst

GOVERNMENT

ACC – Analysts

Defence Technology Agency – Scientist/Analyst

**Government Communications Security Bureau –
Communications System Analyst, Mathematician**

**Land Transport Safety Authority of New Zealand –
Economics Analyst**

Ministry of Education – Research Analyst

Ministry of Fisheries – Regional Intelligence Analyst

Ministry of Health – Intelligence Analyst

**Ministry of Social Development – Analysts –
Forecasting & Modeling Unit**

**New Zealand Treasury – Analyst/Senior Analyst –
Macro Forecasting and Analysis**

...and many more!