NURSING EDUCATION IN THE 3rd MILLENNIUM:

Where do we go from here?

BERNIE GARRETT: Associate Director of Infrastructure & Technology, UBC School Of Nursing
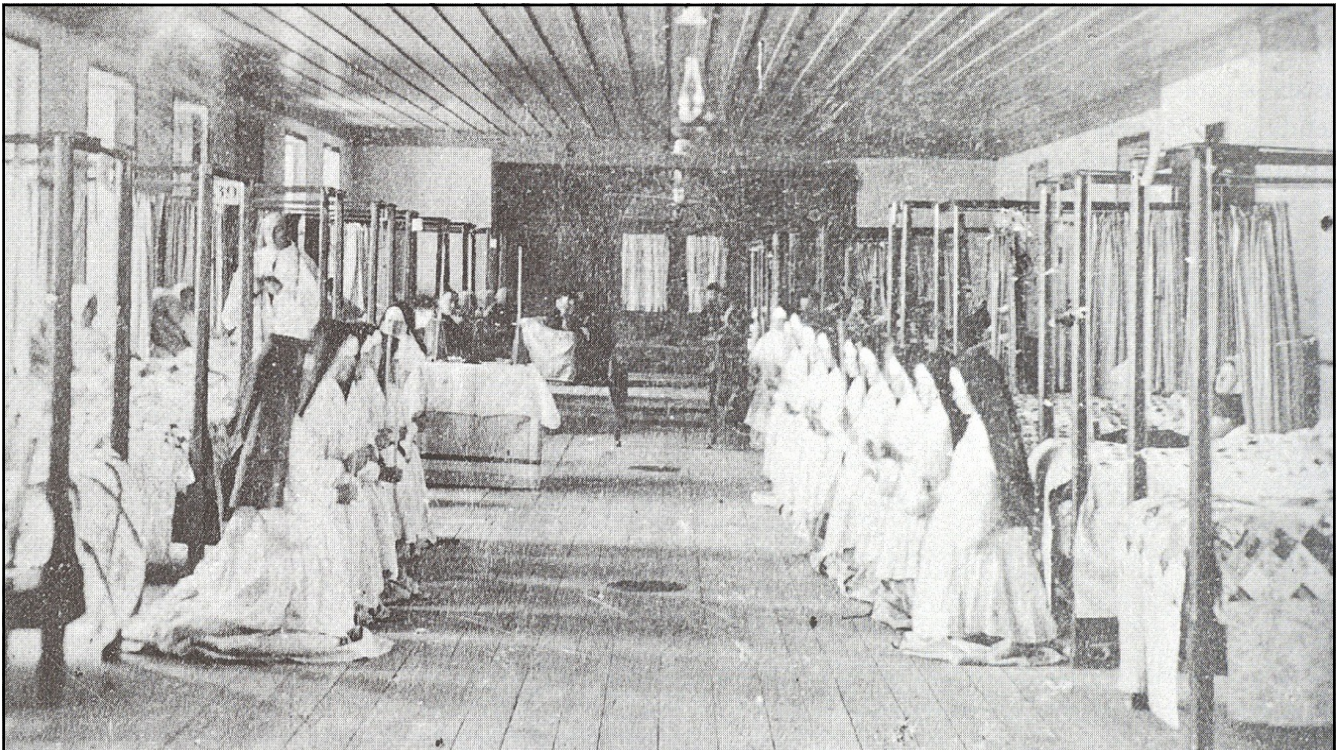
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Education is Change
What do we profess?

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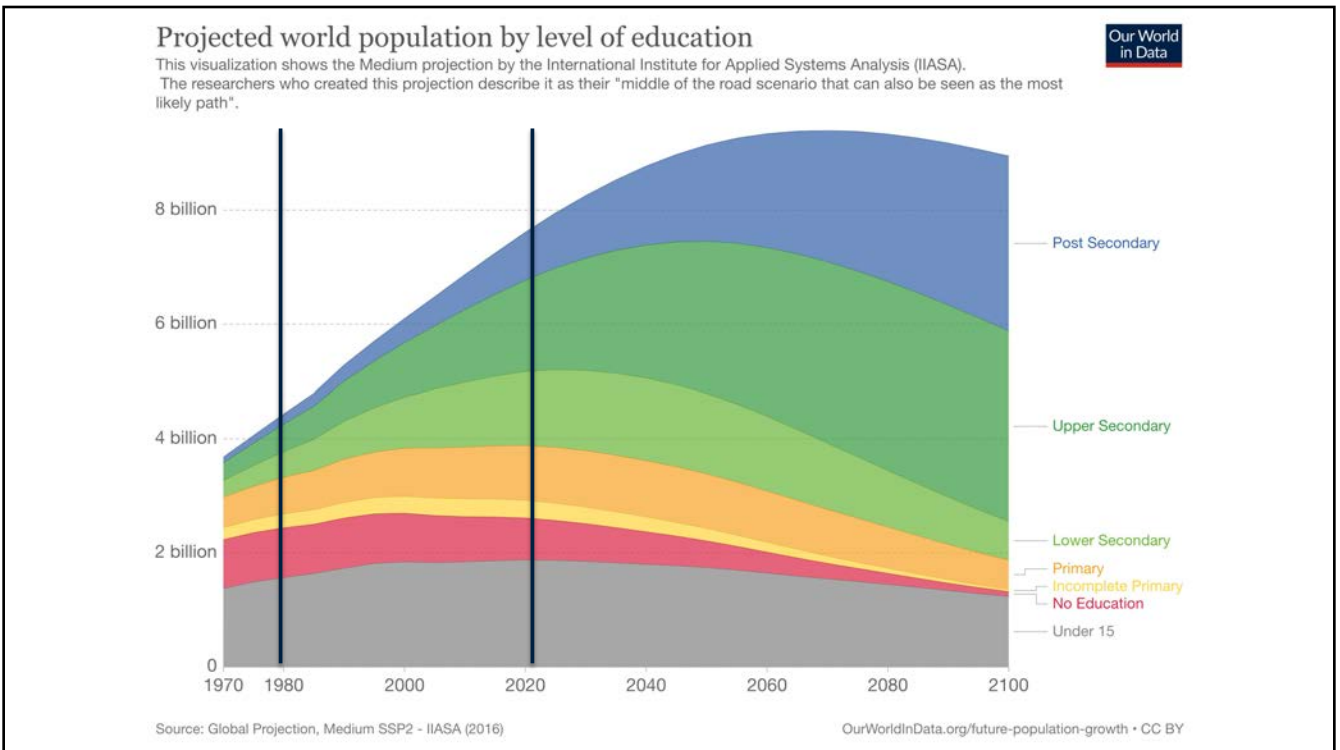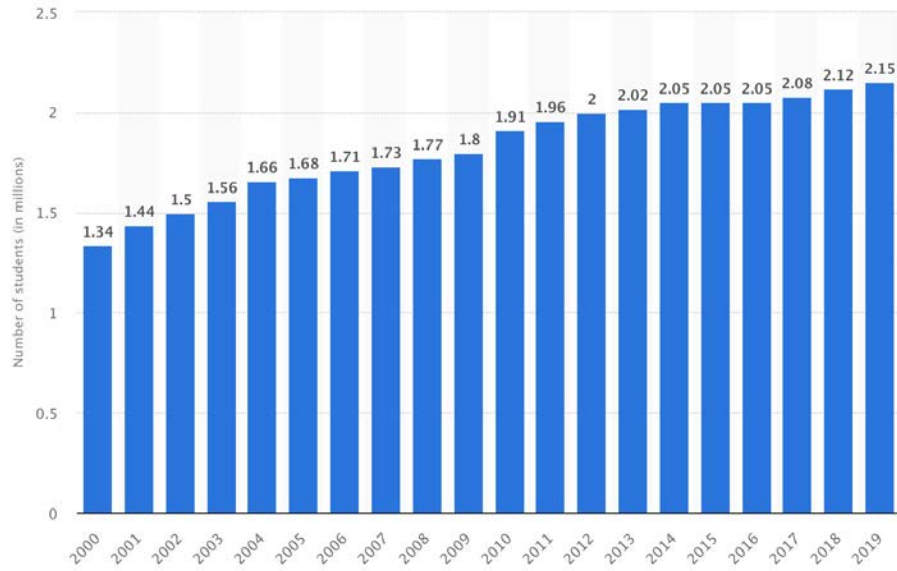**Where have we come from?**

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Projected world population by level of education

This visualization shows the Medium projection by the International Institute for Applied Systems Analysis (IIASA).
The researchers who created this projection describe it as their "middle of the road scenario that can also be seen as the most likely path".

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Number of students enrolled in postsecondary institutions in Canada from 2000 to 2019

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Bachelors Degree Entry for Nurses

UBC

Canada	2000*
UK	2009
France	2009
Germany	Not required (apprenticeship)
USA	Varies by State (ADN still in use)
Australia	1993

*Except Quebec

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What is the purpose of higher education?

UBC

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Cardinal Newman originally suggested the aim of higher education was to "Educate the intellect to reason well in all matters, to reach out toward truth, and to grasp it."
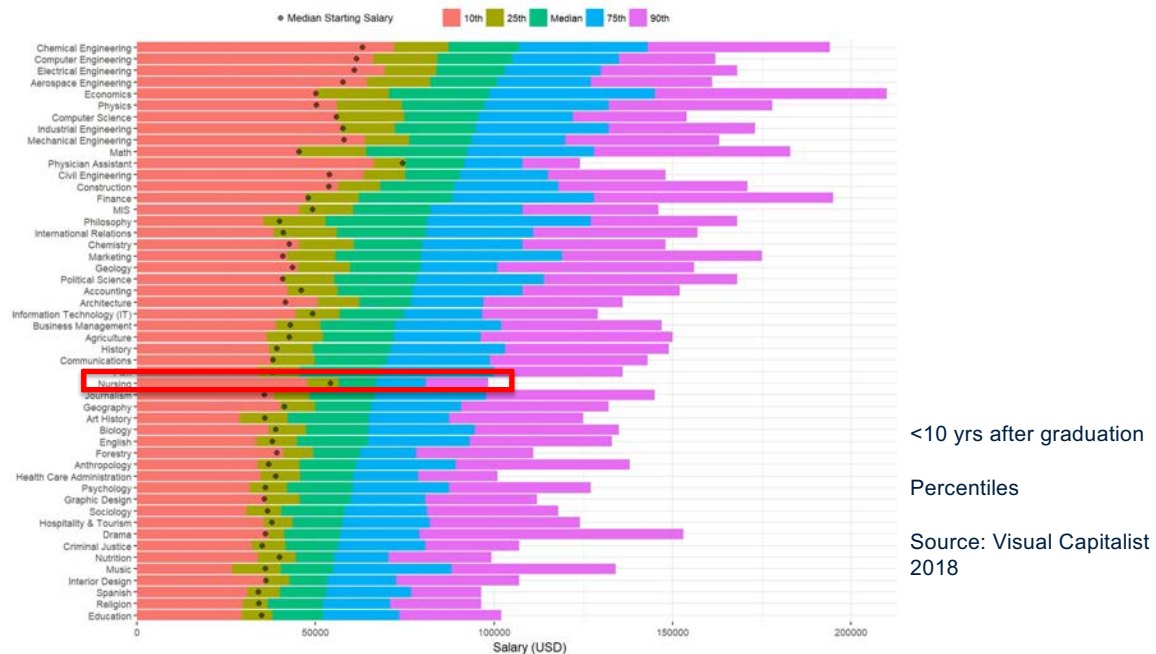
UBC

Newman, 1907

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Which Degrees Get the Highest Salaries?

<10 yrs after graduation

Percentiles

Source: Visual Capitalist 2018

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Developing Criticality - What is it?

UBC

Discriminating between competing solutions to complex ill-defined problems that characterize modern nursing practice
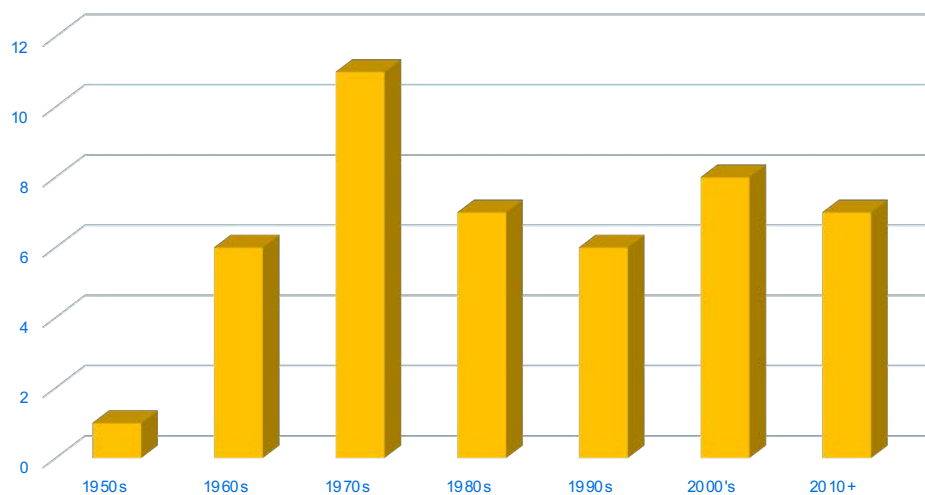
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Does nursing have a solid core theoretical basis?

UBC

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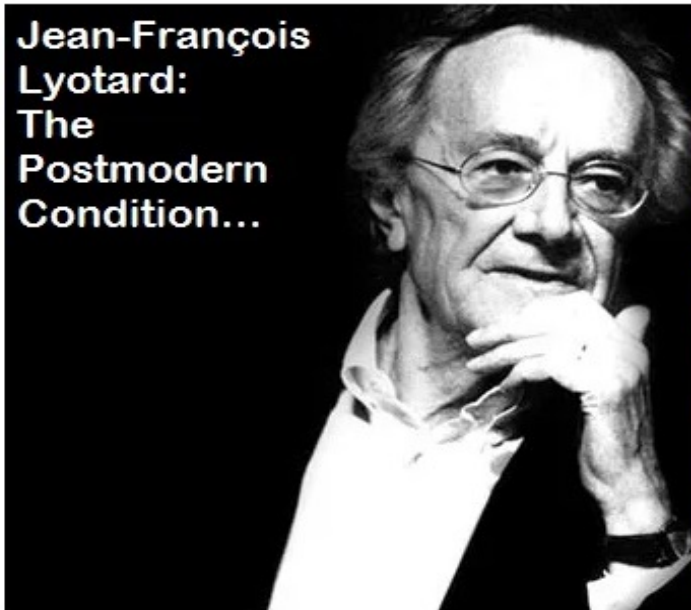## Nursing Theories Published

Source: Nursology.net

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The Great Divide

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Jean-François Lyotard:
The Postmodern Condition…

"… In the discourse of today's financial backers of research, the only credible goal is power. Scientists, technicians, and instruments are purchased not to find truth, but to augment power."

Jean–Francois Lyotard: A Postmodern Frenchman, or a French Postmodernist?

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Seek the company of those who seek the truth; run from those who have found it.
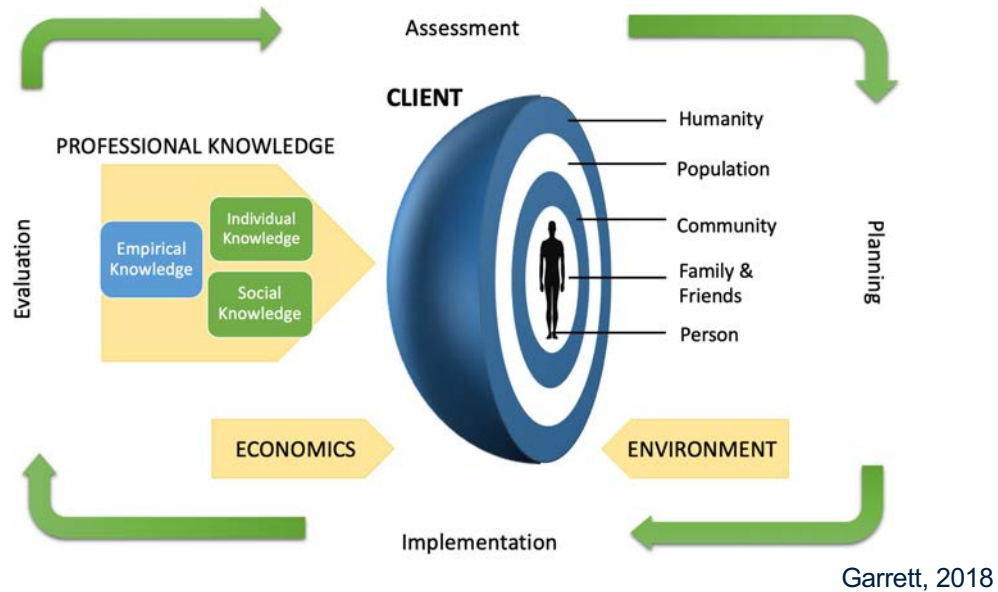
Paraphrasing Czech playwright Vaclav Havel

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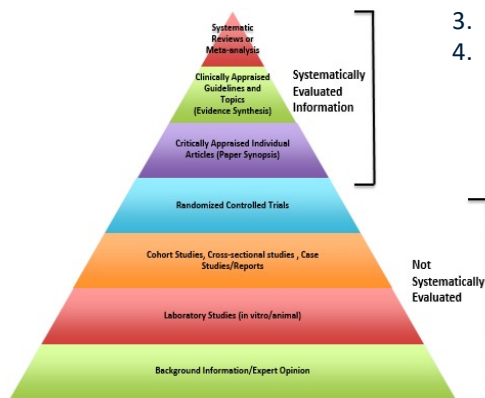## An Empirical Framework for Practice

Garrett, 2018

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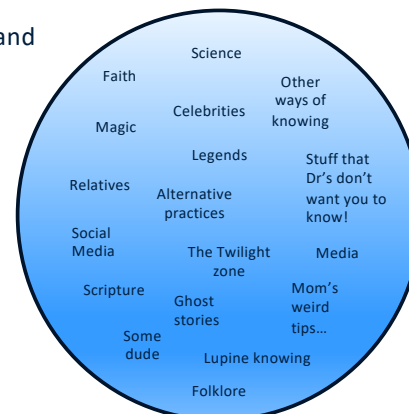
EVIDENCE-BASED PRACTICE VS. KNOWLEDGE-BASED PRACTICE

Professional public healthcare decisions and interventions are best based upon…

1. Client's Personal choice,
2. Clinical Expertise,
3. Economic viability, and
4. Evidence from…

or

Empirical Hierarchies of Evidence

Personal Ways of Knowing

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So, what are nursing PhDs?

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Are these nursing PhDs?

- Patterns of Knowing and Being: An epistemological and ontological reckoning for posthumans

- Health Requirements, Demands and Financial Burden of Cardiac Health Technologies on Families

- Traversing Social Boundaries, Health Inequities, and Social influences with Dementia in Older Adults

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5/3/21

By the numbers…

- Increased graduate program admissions need to be sustained to avoid a potential faculty shortage as the following data indicate:
  - 38.1% of faculty were in the 55+ age cohort
  - 20.1% of faculty were in the 60+ age cohort.
  - Currently, there are 488 students enrolled in PhD nursing programs in Canada, at least 68 of which are current faculty members.
  - The potential future supply of new faculty from current PhD enrolment in Canada is therefore 420.
  - In 2017–2018, master's admission increased by 11.7% and doctoral admissions decreased by 1.0%.
  - The replacement pool (master's and doctoral graduates) for retiring faculty is inadequate if enrolments in graduate programs remain at current levels.

CASN/ACESI 2019

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So, how are we doing?

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Doxastic Logic and Faith-based Rationalism

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Can students tell the difference?

- Science

- Pseudoscience

- Quasi-science

- Non-science

- Bad-science

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Can students tell ought from is?

"Knowledge of what is, does not open the door directly to what should be."

Albert Einstein (1950)

after David Hume (1711-1776)

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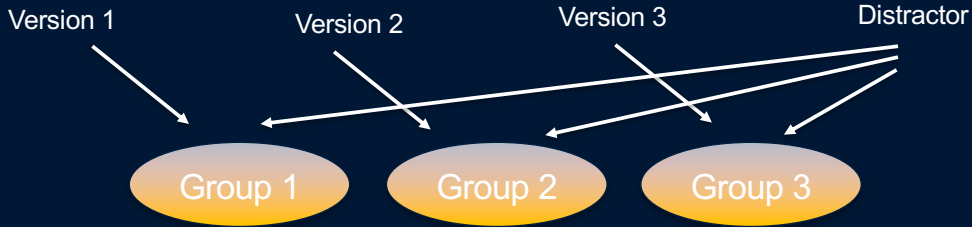
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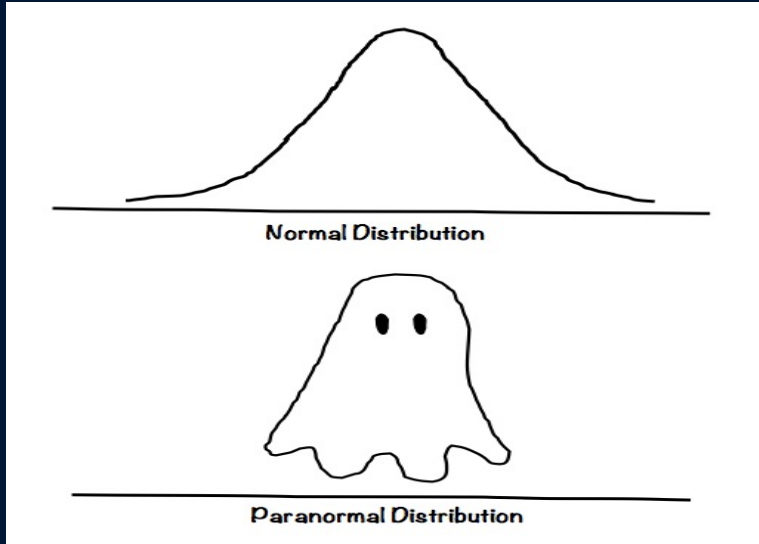# A fiendish double blinded behavioural experiment

Garrett & Cutting, 2017

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The Experiment

Version 1 Version 2 Version 3 Distractor

Group 1 Group 2 Group 3

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The Results

Normal Distribution

Paranormal Distribution

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Well-established levels of magical belief were evident in the students

- 37% believed that psychics could accurately predict the future,
- 33% believed that it was possible to converse with the dead,
- Around 30% believed black magic existed and that witches with magic powers existed,
- 23% believed that during altered states, such as sleep or trances, the spirit could leave the body,
- 23% believed that the Abominable Snowman of Tibet probably existed,
- 22% believed that breaking a mirror would bring bad luck,
- 17% believed the number 13 was unlucky.

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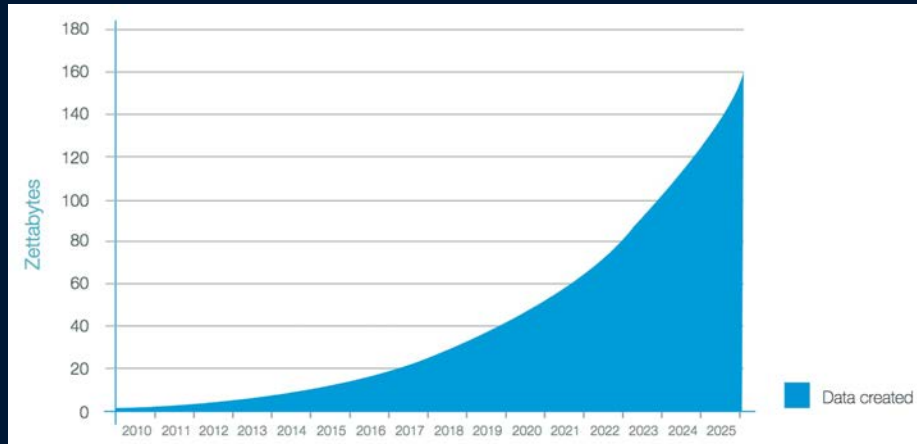## Are we still teaching dubious concepts?

- Biomedicine is positivism,

- Postmodern ontological and new age nursing

   theories,

- Support of personal ways of knowing,

- Learning/teaching styles,

- Debono's thinking hats,

- Left brain/right brain etc…

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Every hour is precious!

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Misinformation and Deception

> July 12 at 1:23 PM · YouTube · 🌐
>
> Please listen to this very important audio recording by the President of Ghana on the evil that is going on in the name of COVID-19, masterminded by Bill Gates, Anthony Fauci, together with WHO and the Rockefeller Foundation. The document he is reading from was written 10 years ago. It was "predicted" (PLANNED) that humanity would be subjected to a global pandemic and lethal vaccines with identification capabilities, which can track and manipulate the thoughts, movements and the whereabouts of every human being. It's no surprise that this document has been removed from the Rockefeller Foundation website, but they did not succeed in keeping it from public knowledge.
>
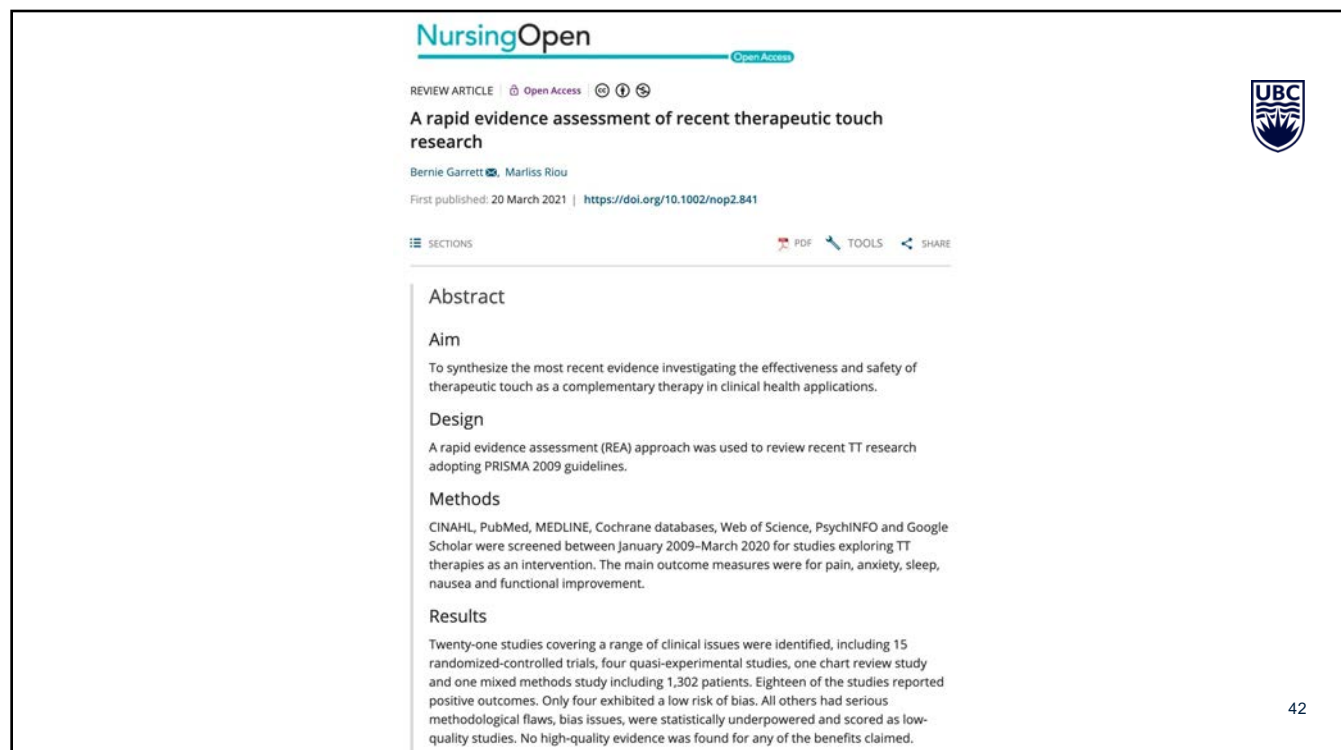> Please LISTEN to this and share to all your contacts !!!

Some Nurses Are Personally Against Vaccines.

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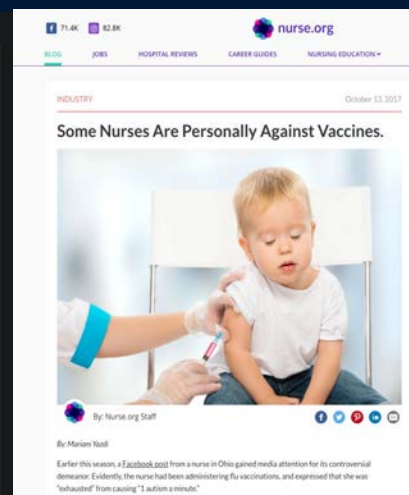
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Stopping The Spread Of Misinformation

- **Use an evidence-based approach**
- **Carefully craft counter-information**
- **Promote a regulatory response, and better regulation**
- **Debunking works.**

Caulfield, 2020
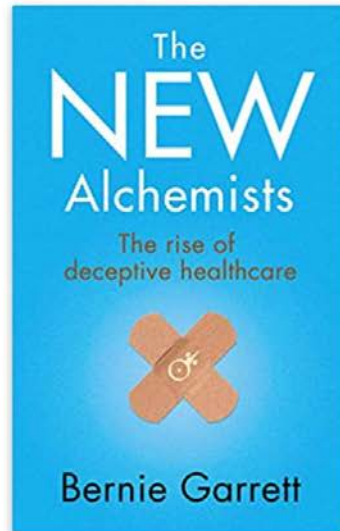

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Is it easy to manipulate intelligent people?

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The New Alchemists: The Rise of Deceptive Healthcare
Paperback – June 24. 2021
by Bernie Garrett PhD (Author)

The
NEW
Alchemists
The rise of
deceptive healthcare

Bernie Garrett

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So, where are we going?
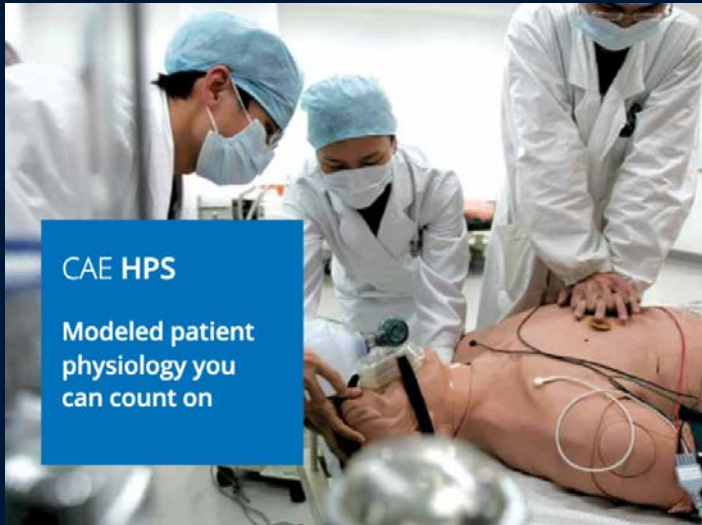
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Expansion of Advanced Nursing Practice

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Advanced Simulation & Emerging Media Tools

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Health Informatics and Robotics
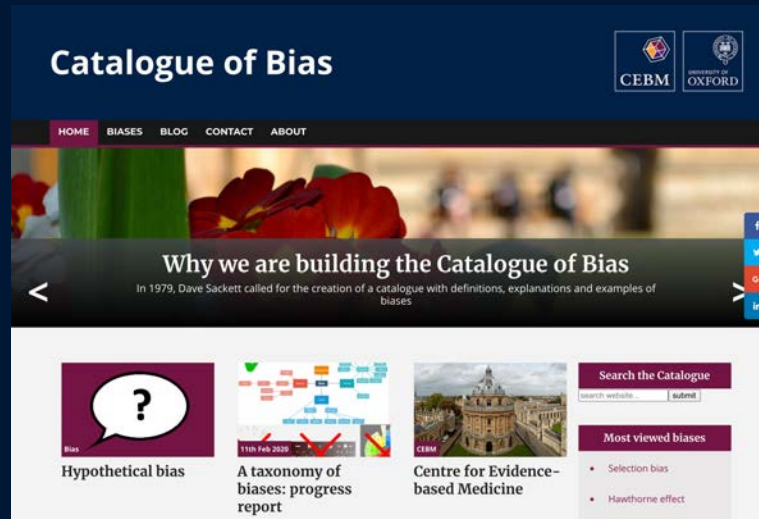

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Diversity and Equitable Access

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Quality Nursing Science

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Nursing Activism

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References

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