

# The Swing to Science: Retrospects and Prospects

18 April 2023



00:49:08 Simon Marginson: It is time to think about your questions and statements for Peter. Join the Q&A in the discussion section! Put forward your question or statement in the Chat so that we can select you in to Q&A

00:52:41 Claire Callender: In terms of women undertaking subjects allied to medicine.....surely an important factor is the redesignation of nursing as a degree in 2009 - which might explain the uptick in Biology in 2009. and from other research I think there is limited evidence that tuition fee rises impact on subject choice

00:53:40 Claire Callender: \* Biology A level

00:58:01 Johnny Rich: I'm interested in hearing more about the claim that there is no shortage of STEM skills and the evidence for this being that many STEM graduates are not in specifically STEM roles. Couldn't this equally be taken to suggest that STEM skills have very wide employability applications and so we do indeed have a shortage because STEM graduates are needed not only in STEM-specific roles? This interpretation is further supported by the market demand (higher grad salaries) for STEM grads. Perhaps the initial premium in grad salaries is because non-STEM take longer to develop through experience the same level of broad transferrable skills?

01:00:14 Xiaona Wang: Thank you very much Peter, for your impressive presentation. My question is related to disciplinary culture differences and power dynamics within STEM disciplines. I am wondering, when taking a look at the global level, especially considering the power dynamics worldwide, how do you think international policies and national regimes might influence people's attitudes and choices regarding science?

01:06:39 CGHE Webinars: Thank you for joining us today. A recording of this session will be posted on the CGHE site: <https://researchcghe.org/events/cghe-seminar/the-swing-to-science-retrospects-and-prospects/>

01:06:58 CGHE Webinars: Our next webinar, 'Intrinsic higher education and the threat of the employability mantra', will take place on Thursday from 2pm (UK). You can register here: <https://researchcghe.org/events/cghe-seminar/intrinsic-higher-education-and-the-threat-of-the-employability-mantra/>

01:07:54 Ronald Barnett: One wonders to what extent the UK patterns resemble/ differ from other nations with major HE systems (China, Korea, USA, at least some of continental Europe). My sense is that many of those systems would also indicate a shift to science.

01:16:02 Bernard Lee: Thanks a lot, Simon and speakers!

01:16:10 Marta Kozłowska: Thank you for today.

01:16:11 Fernando Menezes da Silva: Thanks a lot for the insightful discussion

01:16:14 Johnny Rich: Many thanks, everyone.

01:16:23 Xiaona Wang: Many thanks