

Juliette Bruce

NSF postdoctoral research fellow,
University of California, Berkeley



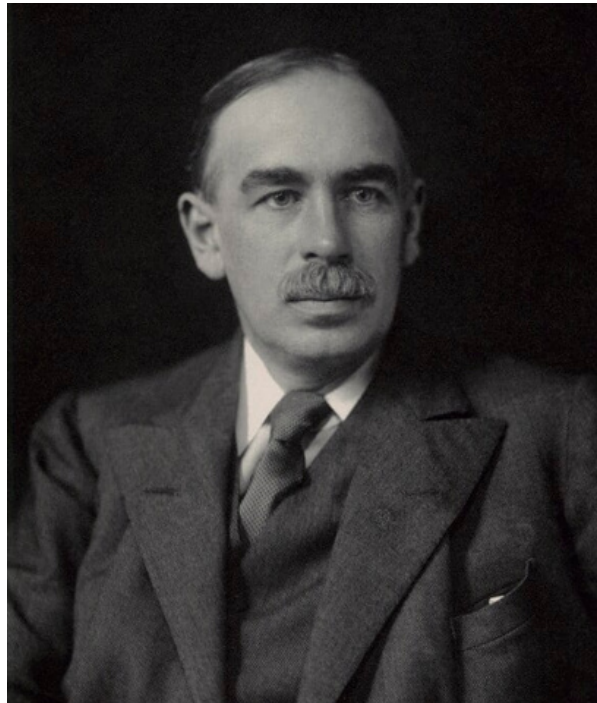
Juliette is a postdoctoral research fellow interested in algebraic geometry, commutative algebra and arithmetic geometry.

She is a passionate advocate for diversity in mathematics, and was previously president of Spectra, the association for LGBTQ+ mathematicians.



John Maynard Keynes

Economist and Statistician



Although Keynes trained in mathematics, and published work in the field of statistics, he is best known as the father of macroeconomics.

The ideas he presented in “The General Theory of Employment, Interest and Money” were adopted by most capitalist governments by the end of the 1940s. He was also a critic of the harsh reparations placed on Germany after WWI; accurately predicting their political and economic consequences in his book “The Economic Consequences of the Peace”.

He had relationships with both men and women.



Lynn Conway

Professor Emerita of Electronic
Engineering and Computer Science,
University of Michigan



An American computer scientist whose work formed the basis of modern microchip design.

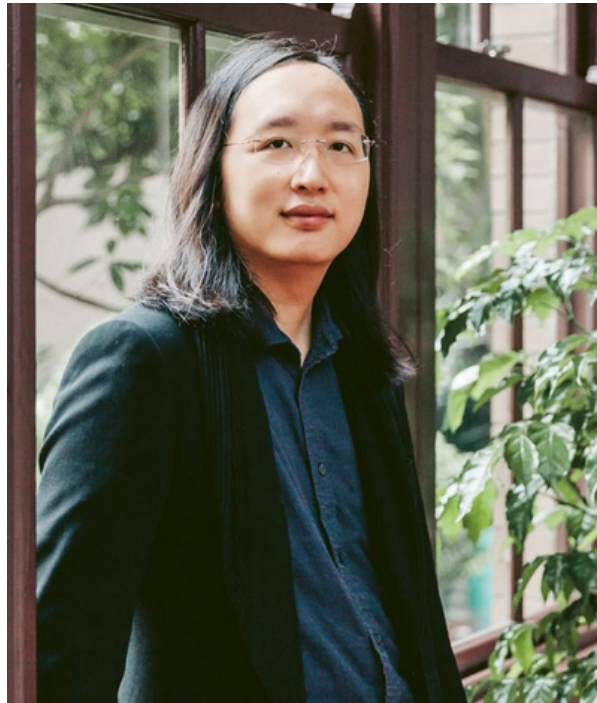
In her early career she worked at IBM, inventing a method of dynamic scheduling which facilitated the development of superscalar computers.

After transitioning in the 1960s, she kept her identity private throughout her career. In 1998 she came out publicly, and began advocating and providing resources for other transgender people.



Audrey Tang (唐鳳)

Minister of Digital Affairs of the Republic of China (Taiwan)



Tang was the inaugural Minister of Digital Affairs of the Republic of China (Taiwan), and was the first transgender (and non-binary) person in the top executive cabinet.

She was programming before the age of eight, and was an entrepreneur in Silicon Valley by the age of 19. She began the Pugs project, which aimed to implement the Perl 6 (now Raku) programming language, and had been an outspoken advocate and activist for free, accessible and open-source software and information. Most of her current work is in this area.



Robert M. Anderson

Professor of Economics and
Mathematics at the University of
California, Berkeley



Anderson's mathematical work involves non-standard analysis of Brownian motion and Itô integration. In recent years he has published papers analysing investment risk. His work led him to become the director of the Center for Risk Management Research at the University of California, Berkeley.

He is openly gay, and in 1991 worked to attain equal financial benefits for academics in same-sex relationships.



Peter Landin

Emeritus professor of theoretical
computation, QMUL



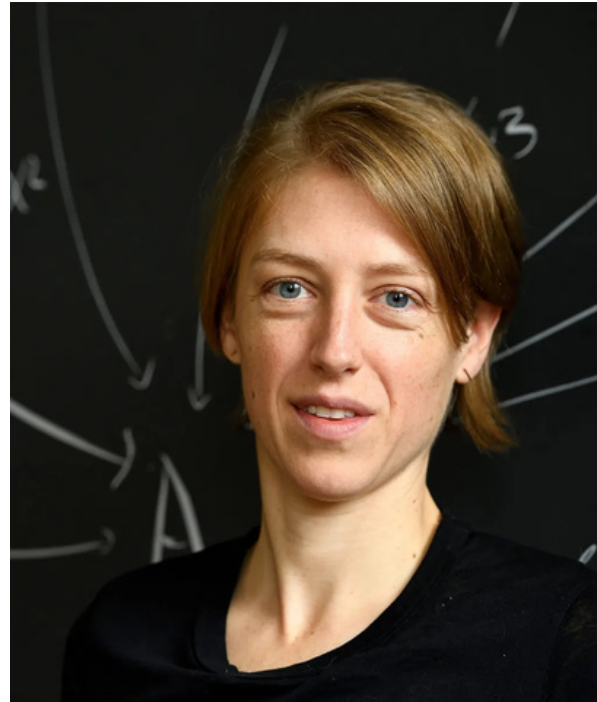
Peter Landin was a British computer scientist. He was one of the first to realise that the lambda calculus could be used to model a programming language, an insight that is essential to the development of both functional programming and denotational semantics.

Landin was openly bisexual, and was involved with activism, joining the Gay Liberation Front in the 1970s.



Emily Riehl

Associate Professor, Johns Hopkins
University



Emily Riehl works in pure mathematics, specialising in category theory and homotopy theory. Her activism includes serving as a board member for Spectra, the LGBT mathematics association.

Outside of mathematics, Riehl competed in the Australian football international cup. She also played electric bass in the band Unstraight.



Tyler Kelly

Professor of Pure Mathematics,
University of Birmingham



Tyler Kelly is a geometer, who studies interactions between algebraic geometry, mirror symmetry and mathematical physics.

They are an activist for the LGBTQ+ community, as well as other underrepresented groups. Kelly hosted the first conference for LGBTQ+ algebraic geometers and number theorists. He also serves on the LMS committee for women and diversity in mathematics.



Sofya Kovalevskaya

Mathematician, Stockholm University



Kovalevskaya worked in the fields of analysis, PDEs and mechanics, and gave her name to the Cauchy-Kovalevskaya theorem; a major existence and uniqueness theorem for analytic PDEs.

She was the first woman to gain a doctorate in mathematics, and one of the first to gain a full professorship, and to be an editor for a scientific journal. She had a “romantic friendship” with another woman for the last 8 years of her life.



Manil Suri

Professor of Mathematics, University
of Maryland, Baltimore Country



Researcher in the field of numerical analysis, and the computational modelling of problems on domains with small holes.

He is also an author of four books: the non-fiction novel *“The Big Bang of Numbers: How to Build the Universe Using Only Math”*, as well as three internationally acclaimed fiction novels. He speaks publicly about his experiences growing up gay in India.



Ron Buckmire

Professor of Mathematics, Occidental
College



Buckmire works in the field of applied mathematics and modelling; also having a passion for the scholarship of teaching and learning. He is also the former chess champion of Barbados.

He is SIAM's Vice President for Equity, Diversity and Inclusion, and has been involved in LGBT+ activism since the 1990s. He organised the early meetups that would later become Spectra - the Association for LGBT+ Mathematicians.



Sophie Wilson

Distinguished Fellow of the British
Computer Society



Wilson was one of the major contributors to the microcomputer used in the BBC's 1981 computer education project. After this she went on to design the ARM RISC - which is a CPU core used in 95% of modern smartphones.

In 2019 she was awarded a CBE for services to computing.

