The Lens Leadership Team
An Australian not-for-profit social enterprise

Richard Anthony Jefferson
Chief Executive Officer, Cambia

Richard is a prominent molecular biologist, social entrepreneur and open innovation systems strategist. He is founder & CEO of Cambia and Lens.org Ltd, and a Professor of Science, Technology & Law at the Queensland University of Technology (QUT) from 2009 to 2020.

His work has been cited in the scholarly literature over 15,000 times and his inventions in biotechnology have been widely licensed in agriculture and life sciences enterprises globally.

Richard developed the landmark hologenome theory of evolution, developed and distributed critical enabling technologies in plant, animal and microbial genetics, and he conducted the world’s first biotech field crop experiment.

After a position as the FAO of the United Nation’s first molecular biologist, Richard founded Cambia in 1991, as an independent non-profit social enterprise to democratize science-enabled innovation. Fifteen years ago Cambia created Patent Lens, the most popular open full-text patent search site, and 10 years ago pioneered the world’s first patent-based commons, the BIOS (Biological Open Source) Initiative. Cambia’s main focus now is on Innovation Cartography, on the new open global platform, ‘The Lens’.


He is the recipient of the American Society of Plant Science’ ‘Leadership in Science’ award, was named to Scientific American’s list of the world’s 50 Most Influential Technologists, and is the inaugural Medalist of the Center for Science & Policy Outcomes. His work has been featured in media in dozens of countries, and includes profiles in The Economist, New York Times, Newsweek, Red Herring, Nature, Science, Nature Biotechnology and many others.
Osmat Jefferson PhD MInt Law

Director of Product Development, The Lens; Visiting Fellow at the BEST Center, QUT

Osmat is currently the director of the Lens product overseeing the development of the various capabilities available in the open and global platform, Lens.org. She joined Cambia in 2005 as a lab scientist and her research interests expanded to complex adaptive systems, mainly the biological innovation systems and so she moved with the Lens team to designing and developing open public resources that enable and engage different stakeholders in the use of transparency and evidence-based approaches in problem solving.

Osmat's scientific and legal background includes a master degree in Plant sciences from the American University of Beirut, a Ph.D. from Cornell University in that field focusing on plant virology with minors in ecology, international agriculture, and biochemistry, and another master's degree in International Law from the Australian National University. She has also had extensive training and experience in patent data analysis.

Osmat began her career as a research virologist in Latin American and then had her own lab for five years at the international organization, IRRI, in the Philippines, training students and researchers in South and Southeast Asia, and building public capabilities across national lab facilities. She held several joint appointments with universities in Asia and since 2009, Osmat has also held dual appointments with Queensland University of Technology's Faculty of Science and Law.
Mark Garlinghouse
Director, Business Development

Mark's professional experience is in the information industry working with content, analytics and software providers to help organizations to better manage the knowledge within their organizations as well as sourced externally.

He has built commercial teams and successfully expanded market share in Asia Pacific for IHS-Markit and Thomson Reuters (now Clarivate).

Mark holds an undergraduate degree in East Asian Studies from Stanford University and attended the Johns Hopkins University School for Advance International Studies' Nanjing Campus. Outside of work, Mark volunteers his time on the executive committee of the International Society of Knowledge Organization in Singapore and supports philanthropies that fund education.