

# Larry R. Marshall

From Wikipedia, the free encyclopedia

Jump to: [navigation](#), [search](#)

	<b>Dr</b> <b>Larry Marshall</b>
<b>Born</b>	Sydney
<b>Education</b>	Macquarie University
<b>Occupation</b>	CEO of CSIRO
<b>Employer</b>	CSIRO
<b>Known for</b>	Physicst Venture Capitalist Chief Executive
<b>Website</b>	<a href="#">CSIRO profile</a>

**Larry R. Marshall** is an Australian venture capitalist and physicist. In January 2015, he became chief executive of the [Commonwealth Scientific and Industrial Research Organisation](#) (CSIRO), Australia's national science agency and one of the most multidisciplinary research organisations in the world.<sup>[1]</sup>

Dr Marshall was born in Sydney and he received both his undergraduate and postgraduate education, including a PhD in physics, at [Macquarie University](#). His areas of specialisation include diode-pumped [solid-state lasers](#)<sup>[2]</sup> and laser stabilization.<sup>[3]</sup> He was a cadet scientist at the [Defence Science and Technology Organisation](#).

He is a scientist, technology innovator and business leader with a wealth of experience in developing and applying science. He has 25 years' experience as an international technology entrepreneur, is the inventor of 20 US patents<sup>[4]</sup> and has founded six successful United States companies in biotechnology, photonics, telecommunications and semiconductors.<sup>[5]</sup>

Dr Marshall has argued CSIRO is uniquely positioned to help tackle Australia's "innovation dilemma".

*"Australians are great inventors: as a nation, we're responsible for more than 100 great inventions, such as fast WiFi, ultrasound for medical imaging and the Cochlear implant. But of those, only one has built a great domestic tech company. This is our innovation dilemma."*<sup>[6]</sup>

He credits the diversity of CSIRO as the driver behind its successes so far, and the foundation for its potential in the future.

*"The genius and the power of CSIRO is distributed – it's in our people, our partners and our community. We know a diversity of views is critical to innovation performance."*<sup>[7]</sup>

In July 2015, Dr Marshall launched CSIRO's 5 year strategy for 2015-2020, "Australia's Innovation Catalyst". In a novel approach for the 90-year-old science body, it crowd-sourced ideas and suggestions from more than 7000 people including its research partners, other collaborators, its own staff and the public to help determine the direction of the strategy.

*"Australia currently ranks 81st\* in the world when it comes to innovation efficiency - the bang for our buck we get when we transform innovation investment into results. If that was a team sport ranking, we'd be outraged. As a country, we need to work together to improve this result. Australia's prosperity, health and sustainability is closely bound to our capacity for innovation – and CSIRO has a key role to play here."*<sup>[8]</sup>

The strategy identifies a number of key ways CSIRO will deliver on its strategy: crowd sourcing; collaboration; entrepreneurialism; customer focus.<sup>[9]</sup>

In 2014, Dr Marshall had the distinction of being awarded the Australian Skeptics [Bent Spoon award](#) for his comments apparently endorsing the [pseudoscience](#) of [water divining](#)<sup>[10]</sup>.

## References[[edit](#)]

1. [Jump up](#) ^ [The Guardian, December 2014](#)
2. [Jump up](#) ^ L. R. Marshall, Fiber stub end-pumped laser, *US Patent* 5,663,979 (1997).
3. [Jump up](#) ^ L. R. Marshall et al., Pulsed laser with passive stabilization, *US Patent* 5,982,789 (1999).
4. [Jump up](#) ^ [The Sydney Morning Herald, October 2014](#)
5. [Jump up](#) ^ ["Dr Larry Marshall". people.csiro.au. Retrieved 2015-10-02.](#)
6. [Jump up](#) ^ Marshall, Larry. ["Innovation Challenge: teamwork drives realisation of great ideas". News @ CSIRO. Retrieved 2015-10-02.](#)
7. [Jump up](#) ^ ["What the new head of CSIRO told us a month into the job". News @ CSIRO. Retrieved 2015-10-02.](#)
8. [Jump up](#) ^ ["Science masterplan for Australia's growth - CSIRO". www.csiro.au. Retrieved 2015-10-02.](#)
9. [Jump up](#) ^ ["The ingredients \(and our vision\) for a smart society". News @ CSIRO. Retrieved 2015-10-02.](#)
10. [Jump up](#) ^ ["Bent spoon for CSIRO head". Australian Skeptics Inc. Retrieved 2016-02-06.](#)



Retrieved from "[https://en.wikipedia.org/w/index.php?title=Larry\\_R.\\_Marshall&oldid=703435505](https://en.wikipedia.org/w/index.php?title=Larry_R._Marshall&oldid=703435505)"  
[Categories](#):