
MS49. How to?

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MS49-O1 Careers in industry following a PhD in crystallography

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A crystallography PhD can open many doors. A career in industry can be wide and varied. This talk will focus on the types of positions and career paths available, with some examples from personal experience.

Keywords: Protein Crystallography, Careers, Biotechnology, Life Sciences

MS49-O2 How to start a career in industry as a crystallographer

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It could happen that finishing one's PhD feels like facing a journey to an unknown world outside, with different rules and different expectations compared to the safe nest of student life. What skills do industries require from crystallographers? Are crystallographers needed in this outside world? According to the American Chemical Society, crystallography specialists may look for opportunities in instrument and software development and customer support for instrument manufacturing companies, in positions as user support at national laboratories, or working in crystal-growing laboratories. Crystallographers have also been associated with the geosciences, metallurgy, and ceramics engineering, but areas of demand in the medical and life sciences are growing exceptionally today. An overview of careers opportunities, and some real examples will be discussed.



Figure 1. Journey to the center of the Earth, 1959

Keywords: job opportunity, PhD, post-doc