

# Michael W. Gaultois

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I'm a materials chemist developing clean energy technologies and methods in data-driven material discovery. I directly lead the research activity of 10 researchers across chemistry, physics, and computer science.

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## Languages

Fluent in both French and English.

## Employment and Education

**2018–present** Research Fellow, Theme Lead in Inorganic Materials  
*Leverhulme Research Centre for Functional Materials Design*  
The Materials Innovation Factory, University of Liverpool, UK.

**2015–2017** *Marie Skłodowska–Curie International Fellow*, University of Cambridge, United Kingdom.  
Postdoctoral Associate, *St Catharine's College*, Cambridge, United Kingdom.  
Advisor: Professor *Dame Clare Grey*

**2011–2015** PhD Chemistry, *University of California*, Santa Barbara, CA, USA.  
*International Fulbright Science & Technology Fellow*, *NSERC Postgraduate Scholarship*

**2009–2011** MSc Chemistry, *University of Saskatchewan*, Saskatoon, SK, Canada.  
*Julie Payette–NSERC Research Scholarship*

**2004–2009** BSc Chemistry (Honours), *University of Alberta*, Edmonton, AB, Canada.

## Publications

78 publications in leading peer-reviewed journals. >2700 citations, h-index 25.  
Highly published and highly cited work on outstanding problems in materials chemistry, condensed matter physics, chemical engineering, and geology. Please see [Google Scholar](#) or [ORCID](#) for full list of publications.

## Invited presentations

19 invited presentations at international conferences and research institutes.

## Selected awards and recognition

- 2022 *Ramsay Trust Memorial Fellowship*, *Society of Chemical Industry*.  
2018 Parkin Prize, for “outstanding contributions to promoting science,” *British Crystallographic Association*.  
2016 Runner up, *Air Force Research Lab Materials Science and Engineering Data Challenge*. (**\$5 000 prize**)  
2015 *Marie Skłodowska–Curie Individual Fellowship*, held at *University of Cambridge*. **€183 455**  
2012 Graduate Thesis Award, for the most outstanding thesis in Physical and Engineering Sciences.  
*University of Saskatchewan*.
  - Henry Taube Medal, for the “most significant overall contribution to research and scholarly activity,” *University of Saskatchewan*.

2011 *International Fulbright Science & Technology Award*, *U.S. Department of State* **\$151 639**
  - *Vanier Canada Graduate Scholarship (declined)* **\$150 000**
  - *NSERC Alexander Graham Bell Canada Graduate Scholarship (CGS-D) (declined)* **\$105 000**

2010 *Julie Payette–NSERC Research Scholarship*, held at *University of Saskatchewan* **\$25 000**

