

ANDY SUN

2016 PROFESSIONAL ACHIEVEMENT AWARD RECIPIENT



Dr. Xueliang (Andy) Sun is a Full Professor and Canada Research Chair (Tier I) for the development of nanomaterials for clean energy, at Western University. He was elected as a Fellow (Member) of the Canadian Academy of Engineering in 2016.

Dr. Sun received his Ph.D. in Materials Chemistry at the University of Manchester, UK, in 1999. He then worked as a post-doctoral fellow in the University of British Columbia, Canada, during 1999-2001. He was a Research Associate at the National Institut de la Recherche Scientifique during 2001-2004 before joining as an Assistant Professor at Western University in London, Ontario in 2004. He was awarded tenure and promoted to Associate Professor in 2007 and Full Professor in 2012.

Dr. Sun's research is focused on advanced nanostructured materials for energy conversion and storage including fuel cells and Li batteries. Dr. Sun is an author and co-author of over 260 refereed-journals with over 10000 citations. He has edited two books, published 15 book chapters, and filed eleven US patents. He has given more than 100 plenaries, keynotes, and invited talks at international conferences, symposia and workshops.

Dr. Sun is actively collaborating with industries and government labs such as Ballard Power Systems, General Motors, Lithium Phostech Inc., and Canadian National Defense. He also serves as an Associate Editor for Frontier of Energy Storage (2013-present).

Dr. Sun received various awards such as Early Researcher Award (2006), Canada Research Chair (2007), University Faculty Scholar Award (2010), and Western Engineering Prize for Achievement in Research (2013). Dr. Sun is serving as an Associate Editor of Journal of Frontier of Energy Storage. Dr. Sun is a Vice-Chairman of the International Academy of Electrochemical Energy Science Board Committee.