Audrey Moores is an Associate Professor of Chemistry and Tier II Canada Research Chair in Green Chemistry at McGill University, where she started her independent career in 2007. She completed her PhD from the Ecole Polytechnique, France in 2005, under the supervision of Prof. Pascal Le Floch and received the Best Thesis award of the Ecole Polytechnique that year. She was a post-doctoral fellow at Yale University in 2006 under the guidance of Prof. Robert H. Crabtree, funded by a Lavoisier fellowship from the European Union.

She is a leading expert in the field of catalysis using metal, metal oxide and biomass-based nanomaterials, with a special emphasis on sustainable processes and use of earth abundant starting materials. Specifically, she has made important discovery towards the use of iron for the important hydrogenation and oxidation catalytic reactions and replace noble metals as catalysts. She also reported unprecedented enantiomeric excess for a hydrogenation reaction where the cellulose nanocrystal was used as a simple chiral inducer. She also developed an entirely novel method towards the synthesis of ultra-small nanoparticles of metal and metal sulfide for applications in cancer detection or antibacterial filters, with low energy and material footprints. Her scientific work has been published in 60 high profile, peer reviewed publications, such as *J. Am. Chem. Soc*., *Green Chem*., *Chem. Comm*., or *ACS Sustainable Chem. Eng*. She also authored 5 book chapters, 1 book and 3 patents (>2500 citations & h-index 25 from Google scolar). Her research was recently highlighted in Nature in 2016, and she was selected as an emerging leader in 2017 by the RSC journal *Green Chemistry*.

She has served as co-associate director of the Center for Green Chemistry and Catalysis, a strategic cluster funded by the Le Fonds de recherche du Québec – Nature et technologies (2012-2016) and is in the program committee of the CREATE in Green Chemistry (2012-2017). Since 2016, she is the scientific director in the board of GreenCenter Canada, an Ontario-based tech transfer company, and the associate director of the Facility for Electron Microscopy Research (FEMR) at McGill since 2017. She has led three FRQNT Team Grants dedicated to clean nanomaterials synthesis and was awarded in 2017 three CFI grants to purchase circa $4M of equipment, including a state of the art transmission electron microscope. She has been an associate editor for the journal *RSC Advances* (2015-2016) and is now associate editorship of *ACS Sustainable Science and Technology* since 2016. In 2012 and 2016, she participated in US panels on molecule design avoiding endocrine disruption and green chemistry education.

She has co-created and co-organized for 5 years a workshop on sustainable innovation through green chemistry in partnership with the CREATE in Green Chemistry, the Marcel Desautels Institute for Integrated Management and the Trottier Institute for Sustainable Engineering and Design. In 2011, she was awarded a Science Communication Fellowship for Green Chemistry by Environmental Health News and Advancing Green Chemistry. In 2014, she received an Outside Quebec Exchange Professorship, awarded by Quebec, in support for a visiting professorship at Princeton University and a MATISSE professorship for a stay at Pierre and Marie Curie research visit in the fall 2017. She also received a CNC-IUPAC travel award in 2016 to represent Canada at the IUPAC Green Chemistry conference in Venice Italy in September 2016.