

Nominee Bio and Statement – Jose Moran-Mirabal

Brief Bio

Jose M. Moran-Mirabal, is the Tier 2 Canada Research Chair (CRC) in Micro- and Nanostructured Materials, Scientific Director of the Centre for Advanced Light Microscopy, and an Associate Professor in the Department of Chemistry at McMaster University. Jose obtained a BSc in Engineering Physics (1999) and MSc in Biotechnology (2001) from ITESM, Monterrey, Mexico, and a PhD in Applied Physics from Cornell University (2007). He worked as Post-Doctoral Fellow (2007-2009) and Research Associate (2009-2011) in the Biofuels Research Laboratory at Cornell University, and joined McMaster as Assistant Professor in 2011. His research combines strengths in micro- and nanofabrication, surface chemistry, and high-resolution fluorescence microscopy to design and study materials at the micrometer to nanometer scale. Jose's work has been recognized by the Province of Ontario through the Early Researcher Award. To date, he has trained 83 HQP (including 2 PDFs, 9 MSc, and 9 PhD, students), has authored 70 peer-reviewed publications, has an h-index of 27, and > 2400 citations. He is currently a Council Member of the Microscopical Society of Canada and the Chair of the local Organizing Committee for the 2021 MSC Virtual Symposium.



Nominee statement.

It is a privilege to be nominated for the position of 2nd Vice-President of the Microscopical Society of Canada. I have a long-standing passion for microscopy, spanning from early childhood to my current research where I use single molecule localization microscopy to study materials and biomolecular interactions at the nanoscale. Beyond my research interests, I have recently led efforts to establish a new centralized microscopy facility at McMaster (the Centre for Advanced Light Microscopy) and in the organization of this year's MSC Annual Symposium. If elected to this position, I will endeavour to use my experience to advance the interests of the MSC by: promoting the growth of our society's membership, creating stronger networks between members through activities that target subgroups with common interests, developing and strengthening ties with other scientific societies within Canada and internationally, and enhancing the society's visibility through our bulletin, on-line media, outreach activities, workshops and our annual symposium. Areas where I would like to focus additional efforts are in fostering diversity within our membership and representation, and in involving the next generation of microscopists in the genesis and organization of events within the society. I look forward to contributing to the continued growth and success of the MSC.