

## **Dr. Melvin Zin, 3M Singapore R&D Center**

Dr. Melvin Zin is the Head of 3M Corporate Research Laboratory (CRL) for Singapore and South East Asia (SEA) Region. In this role, he defines and implements R&D strategy in driving technology development, manufacturing scale-up, and product commercialization. He has been leading product innovation, deploying new process capabilities, and leveraging emerging business opportunities in formulating longer-term R&D strategy. His scope of responsibility covers project portfolio management, technology architecting and product road-mapping, and IP strategy.

He began his 3M career in 2007 (St. Paul, U.S.A.) and has taken on roles of increasing responsibilities, including leadership roles in global teams and regional technical service. In 2010, he was chosen to establish and spearhead 3M's first CRL in SEA Region to support six different businesses. He was responsible for deploying a number of key Technology Platforms to 3M Manufacturing SuperHub in Singapore, including precision clean coating and micro-replication. He is a recipient of 3M Innovation 15% Culture Award in 2011 for making a creative connection and achieving technology breakthroughs through global collaboration. He is also a recipient of 3M's Circle of Technical Excellence and Innovation Awards in 2007 and 2009.

Dr. Zin received B.S. in Chemical Engineering and Ph.D. in Materials Science and Engineering from the University of Washington in 2002 and 2007 respectively. He is an author/co-author of more than 20 journal publications and holds over 27 inventions.