

DINGQIANG LI, PH.D

The Manager and the Scientist of Electron Microscopy Facility, Youngstown State University, OH 44505.

SUMMARY

An experienced materials scientist and electron microscopist; Strong expertise and many years of international and broad experience in processing-property-microstructure relationship of various materials. Skillful in microstructure analysis and characterization by means of TEM/STEM, SEM/FIB, EDXS, XRD, EBSD, etc. Proficiency in failure analysis, root cause analysis, statistical process control, and process improvement systems and methodologies.

EMPLOYMENT HISTORY

- 2011-present, the Manager and the Scientist of Electron Microscopy Facility, Youngstown State University, Youngstown, OH.
- 2006-2010 Sr. Research Associate, Department of Materials Science and Engineering, Case Western Reserve University, Cleveland, OH.
- 6/2003-2005, Research Associate, School of Engineering, Alfred University, Alfred, NY.
- 1-6/2003, Max-Planck Society Fellow, Max-Planck-Institute for Materials, Stuttgart, Germany.
- 2001-2002, STA Fellow, National Institute for Materials Science (NIMS), Tsukuba, Japan.
- 1998-1999, Visiting-scholar, Korean Advanced Institute of Science and Technology, South Korea.
- 1996-2001 Faculty Member of Materials Science and Engineering, Co-Director of the Institute of Surface Modification of Metals and Materials, Shanghai Jiao Tong University, Shanghai, China.

EDUCATION

- MBA Student, Youngstown State University. 2011-now.
- Ph.D. in Materials Science and Engineering, Shanghai JiaoTong University. 1996

MEMBERSHIPS AND HONORS

- Microscopy Society of America (MSA) since 2011.
- Microanalysis Society (MAS) since 2012.
- Microscopy Society of Northeastern Ohio (MSNO) since 2011.
- American Society of Materials International (ASM International) since 2005.
- American Ceramic Society of (ACerS) since 2005.
- Minerals, Metals and Material Society (TMS) since 2002.
- Materials Research Society (MRS) since 2002.
- China Materials Research Society (C-MRS) since 1996.
- A director of China Youth Society of Materials Research Society 1996-2001.
- A director of the China Society of Surface Modification for Materials 1998-2001.

STATEMENT

I have kept participating in MSNO meetings since 2011 and was very impressed by the organizing work of the MSNO. After working together with the MSNO in 2015 to organize the May Meeting as a session chair and the Fall Meeting as the host, I have been motivated by board members and valued members of the MSNO for their excellent active and professional performances. I would like to play a leading role, spend more time and make my own contributions to the MSNO. I will try to keep the present frames of various regular activities including all meeting and summer courses and enhance the communication among facilities and users in the region. I will also try to extend the covering region of the MSNO to the west part of Pennsylvania and bring more potential members to the MSNO from the board region of eastern Ohio and western Pennsylvania. I would like to see our MSNO growing and playing more roles in the region through hard-working of all board members.