

Candidate for North Central Associate Director

Name: Thomas H. Lane

Present Position: Scientist Emeritus

Organization: Dow Corning Corporation

Chapter Affiliation: Central Michigan

Biographical Information: Tom received his undergraduate education, in chemistry, at Purdue University, a master's degree from Central Michigan University and his Ph.D. in physical organic chemistry from the Open University in England. Both Purdue and CMU have recognized him with their Distinguished Alumni Award. Tom received the highest level of recognition from the Open University for his contributions to the arts and sciences, education, and the university with an honorary doctorate degree (D.Univ.) that was presented at a special ceremony in Versailles, France.

He worked at the Dow Corning Corporation for 35 years where he achieved the highest scientific rank within the Corporation for his technical contributions in the areas of interfacial science, scientific computing, and in the biology and biotechnology of silicon. These accomplishments have been internationally recognized and summarized in over 15 US and 85 International patents, 435 technical presentations, 170 scholarly reports or publications, 5 book chapters and an encyclopedia chapter on silicon chemistry.

He holds academic positions in both the US and the UK. He is the 2009 President of the American Chemical Society, a Fellow of the Royal Society of Chemistry, an American Chemical Society Fellow, a Sequoyah Fellow of the American Indian Science and Engineering Society, a Life Member of the Society for the Advancement of Hispanic/Chicanos & Native Americans in Science and a number of other professional Organizations.