SHORT BIOGRAPHY

Professor Piotr Piecuch received his M.S. and Ph.D. degrees from the University of Wrocław, Poland, in 1983 and 1988, respectively. After postdoctoral and faculty appointments at the Institute of Chemistry of the University of Wrocław, where he was associated with the Division of Theoretical Chemistry and Chemical Physics headed by Professor Henryk Ratajczak, the Department of Applied Mathematics of the University of Waterloo, Canada, where he worked with Professors Josef Paldus and Jiří Čížek, the Department of Chemistry of the University of Arizona, United States, where he worked with Professor Ludwik Adamowicz, the Department of Chemistry of the University of Toronto, Canada, where he worked with the recipient of the 1986 Nobel Prize in Chemistry, Professor John C. Polanyi, and the Department of Chemistry and Quantum Theory Project of the University of Florida, United States, where he worked with Professor Rodney J. Bartlett, he joined the faculty at Michigan State University in East Lansing, USA, in 1998. He was promoted to Associate Professor with tenure in 2002, Full Professor in 2004, and University Distinguished Professor in 2007. His main academic appointment at Michigan State University is in the Department of Chemistry, but he also holds an Adjunct Professorship in the Department of Physics and Astronomy. While at Michigan State University, he was named a Visiting Professor at the University of Coimbra, Portugal, Kyoto University, Japan, the Institute for Molecular Science in Okazaki, also in Japan, and Washington University in St. Louis, United States. His research, described in 206 scientific publications that have received more than 9,700 (Web of Science) or about 11,100 (Google Scholar) citations and the h index of 54 or 59 to date (October 15th, 2017), has focused on theoretical and computational chemistry and physics, particularly on the development and applications of many-body methods for accurate quantum calculations for molecular systems and atomic nuclei, including methods based on coupled-cluster theory, mathematical methods of chemistry and physics, and theory of intermolecular forces. He is a recipient of numerous national and international awards and honors, including being named Fellow of the Royal Society of Chemistry in 2016, Distinguished Fellow of the Kosciuszko Foundation Collegium of Eminent Scientists in 2015, Fellow of the American Association for the Advancement of Science in 2011, Fellow of the American Physical Society in 2008, Invited Fellow of the Japan Society for the Promotion of Science in 2005, Corresponding Member of the European Academy of Sciences, Arts, and Humanities in Paris, France, in 2003, and Alfred P. Sloan Foundation Research Fellow in 2002. In addition to the highly honorific title of University Distinguished Professor at Michigan State University that he has held since 2007, he was named the Lawrence J. Schaad Lecturer in Theoretical Chemistry by Vanderbilt University (2017), the Clark Way Harrison Distinguished Visiting Professor by Washington University in St. Louis (2016), and the S.R. Palit Memorial Lecturer by the Indian Association for the Cultivation of Science (Kolkata, India, 2007). He also is a recipient of the QSCP Promising Scientist Prize of Centre de Mécanique Ondulatoire Appliquée, France, for “Scientific and Human Endeavour and Achievement” (2004), the Wiley−International Journal of Quantum Chemistry Young Investigator Award (2000), three awards from the Polish Chemical Society for Research (1983, 1986, 1992), the award from the Minister of National Education of Poland (1989), and two awards from the Polish Academy of Sciences (1982). As of October 15th, 2017, he gave 224 invited talks in Australia, Brazil, Canada, Chile, China, Czech Republic, France, Germany, Greece, Hungary, India, Italy, Japan, New Zealand, Poland, Portugal, Russia, Slovakia, South Africa, Spain, Sweden, Switzerland, Tunisia, United Kingdom, and United States, including 113 invited lectures at national and international symposia, and co-edited 6 books and two special journal issues. He has organized or co-organized 9 regional, national, and international conferences and has served on several scientific committees, review panels, and editorial boards. After joining Michigan State University in 1998, he has worked with 14 postdoctoral and visiting scholars, 15 doctoral students, and 6 research undergraduates. See www2.chemistry.msu.edu/faculty/piecuch/ for more information.