



## MEET THE EDITORIAL TEAM

### Rod Ewing

Rod Ewing is a professor in the Department of Geological Sciences at the University of Michigan. He has joint appointments in the Departments of Materials Science & Engineering and Nuclear Engineering & Radiological Sciences. He is also an Emeritus Regents' Professor at the University of New Mexico in the Department of Earth and Planetary Sciences and an *Adjungeret Professor* at the University of Aarhus in Denmark.

Ewing received his PhD in 1974 from Stanford University where he held an NSF Fellowship. He is a Fellow of the Geological Society of America and the Mineralogical Society of America and has served the Materials Research Society as a councillor (1983-1985; 1987-1989) and secretary (1985-1986). He was president of the Mineralogical Society of America (2002), the International Union of Materials Research Societies (1997-1998), and the New Mexico Geological Society (1981). His research focuses on all things radioactive: radiation effects caused by heavy-particle interactions with crystalline materials (e.g., ion-beam modification of ceramics and minerals), the crystal chemistry of actinide and fission product elements, the application of "natural analogues" to the evaluation of the long-term durability of radioactive waste-forms and the release and transport of radionuclides, and the neutronics and geochemistry of the natural nuclear reactors in Gabon, Africa. He has been granted a patent for the development of a highly durable material for the immobilization of excess weapons plutonium. He received a Guggenheim Fellowship in 2002.

From left to right: Ian Parsons, Mike Hochella, Pierrette Tremblay, and Rod Ewing in front of the geology building at the University of Michigan, during their first editorial meeting in April 2004.

### Ian Parsons

Ian Parsons is emeritus professor of mineralogy at the University of Edinburgh, Scotland. After receiving his BSc and PhD (1963) at the University of Durham and spending a post-doc year in Manchester, he became a lecturer in geology at the University of Aberdeen, obtaining a professorship in 1983. He moved to Edinburgh in 1988 and was head of the department from 1993 to 1996. Ian is currently president of the International Mineralogical Association, a past president of the Mineralogical Society of Great Britain and Ireland and a Schlumberger medallist and Hallimond lecturer. He was the first International Distinguished Visiting Lecturer of the Mineralogical Society of America and is a Fellow of the Royal Society of Edinburgh. He has been British editor of *Contributions to Mineralogy and Petrology* since 1982, was a sub-editor of *Mineralogical Abstracts*, was on the editorial board of *Transactions of the Royal Society of Edinburgh*, and is on the Assistant Editorial Board of *Journal of Petrology*. His main research interests are igneous petrology – particularly the layered alkaline intrusions of South Greenland – and the feldspar minerals. His interest in feldspar has led him to study igneous and high-grade metamorphic rocks, to investigate hydrothermal processes, diagenesis, and weathering and to speculate about the origins of life.

## THANKS

The earliest correspondence concerning the magazine that you now hold in your hands was early in 2001. *Elements* has been more than three years in the making. One of the critical steps was the creation of a Steering Committee with representatives from ten societies and organizations in early 2003. The Steering Committee was responsible for developing the proposal and a business plan, which were then submitted to the governing bodies of each of the interested societies. We benefited greatly from the early discussions of the Steering Committee and we thank its members for their support and guidance.

### Michael F. Hochella Jr.

Michael Hochella was born in 1953 in Yokohama, Japan. He obtained his BS and MS degrees from Virginia Tech (VPI) in 1974 and 1977, respectively, and his PhD from Stanford University in 1981. After two years at Corning Inc. as a silicate chemist and surface scientist, he returned to Stanford University for nine additional years as a research professor. In 1992, he went "back home" to Virginia Tech, where he is currently professor of geochemistry and mineralogy. He was a Senior Fulbright Scholar to Germany in 1998, received an Alexander von Humboldt Research Award and Fellowship in 2001, and was awarded the Dana Medal of the Mineralogical Society of America in 2002. He was president of the Geochemical Society during 2000 and 2001, and has served on numerous advisory boards to the Department of Energy, the National Science Foundation, and the Pacific Northwest National Laboratories. Hochella's research interests include mineral surface chemistry, mineral-water interface chemistry, mineral-bacteria interaction, nanoscience applied to the geosciences, and applications of all of these fields to practical problems in environmental geochemistry.

### Pierrette Tremblay

Pierrette Tremblay graduated from Université Laval, Québec, with a BScA in geology in 1971. For her MSc thesis at Queen's University, she studied the mineralogy and geochemistry of radioactive pegmatites. After working for the Ministère des Ressources naturelles du Québec from 1975 to 1979 as scientific editor and metallogenist, she did freelance work while her three children David, Lisa, and Thomas were small. In the 1990s, she worked on several outreach projects for the Institut national de la recherche scientifique, Québec, for which she was awarded the Ward Neale Medal of the Geological Association of Canada in 1999. She started volunteering for the Mineralogical Association of Canada in 1994. Since 1999, she has edited the *MAC Newsletter* and for the last three years has acted as Executive Coordinator for the Association. She has always been fascinated by the world of print. Many of her volunteer commitments have involved editing, translating, and dealing with publishers. She loves the smell of new ink and beautiful books and is excited by the challenge ahead.

### From the Managing Editor

You are holding the first issue of *Elements*. A new and exciting beginning! The editorial team, however, has traveled a long, winding, exhilarating road for more than a year to bring you this inaugural issue. Let us know how we are doing. Constructive feedback is eagerly awaited. Our commitment to you is that we will get better and better with each issue.