In Memory of Ralph L. Harris, 1954–2007

In July, Ralph L. Harris, a professor in the Department of Mining and Materials Engineering at McGill University in Montreal, Canada, passed away suddenly at the age of 52. Harris was to take on the role of Dean of Academic Development at RMIT University in Melbourne, Australia, on August 1. He had been a member of TMS since 1991.

Harris began at McGill University as a graduate student in 1977, became a member of the academic staff in 1980, and rose to the rank of full professor in 2003.

"He was a dedicated teacher and favorite with his students," according to a tribute published on the McGill University web site. "He taught his specialty, extractive metallurgy, to both undergraduate and graduate students in the department, as well as a course on report writing and oral presentation skills. . . . He was well-known around the McGill campus."

Harris held a B.Sc. in metallurgy from the University of Queensland in Brisbane and did his graduate and doctoral work on vacuum refining of steel at McGill University. His research interests included extractive and process metallurgy. During his career, Harris authored 94 publications, attended 54 conferences, contributed to 99 industry reports, oversaw 34 graduate theses, and filed 11 distinct patents. He taught 11 new courses, mentored 40 graduate students, and delivered 42 invited presentations to academia and industry.

"He had an excellent relationship with, and was much loved by, his graduate students," said Cameron Harris of WorleyParsons. "As President of McGill's Association of University Teachers, he looked after his fellow academics' interests, and he became an advocate for the Centre for University Teaching and Learning, which helped professors become better teachers."

In Memory of Clarence Marvin Wayman, 1930–2007

On July 29, Clarence Marvin Wayman, 76, of Urbana, Illinois, passed away after a protracted illness. Wayman, a former professor of metallurgy at the University of Illinois, was elected a TMS fellow in 1988.

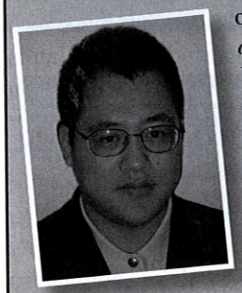
Wayman studied metallurgical engineering at Purdue University, receiving the degrees of B.S. with Distinction in 1952 and M.S. in 1955. From 1952–1954 he served as an officer in the U.S. Air Force Materials Laboratory at Wright Patterson Air Force Base and was honorably discharged. He entered Lehigh University in Bethlehem, Pennsylvania, in 1955 and received a Ph.D. in metallurgy in 1957, after which he joined the University of Illinois. There, he served a term as acting head of the department, among other administrative assignments. He retired from the university in 1995.

Wayman researched the field of martensitic transformations for 30 years, during which he published more than 400 papers, more than 100 of which deal with shape memory materials. He edited numerous books on martensitic transformations and authored a seminal book on crystallography of martensitic transformations that has been translated into Japanese and Chinese. His work on martensitic transformations has been recognized by the AIME Mathewson Gold Medal, Eminent Faculty Award of the College of Engineering at the University of Illinois, honorary professorships at two Chinese universities, and fellowships in TMS, ASM International, the Institution of Metallurgists, the Japan Society for Promotion of Science, the Guggenheim Foundation, and Churchill College at the University of Cambridge.

Memorials may be made to the University of Illinois Department of Materials Science and Engineering for a scholarship in his name.

JU LI NAMED 2007 YOUNG INNOVATOR BY MIT MAGAZINE

Ju Li, who has been a TMS member since 2003, was recently named one of the Massachusetts Institute of Technology's *Technology Review* 2007 Young Innovators under 35. Li, 32, was recognized for developing new algorithms to model the mechanical properties of complex, nanostructured materials.



The TR35, as the annual listing of innovators is known, was started in 1999 to honor young innovators "whose inventions and research we find most exciting," according to the *Technology Review* web site.

Li was one of 35 young innovators who were selected from a variety of fields, including medicine, computing, communications, electronics, and nanotechnology.

Here is how the TR35 web site describes the significance of Li's work: "Researchers have long hoped that computer simulations of how atoms interact would allow them to design useful new materials from scratch. But the physics of atomic interactions rapidly becomes so complex that using it to predict the properties and performance of real-world materials has proved extremely difficult. Ju Li, an assistant professor of materials science and engineering, has developed new algorithms to model some of the hardest-to-understand phenomena in his field: the mechanical properties of complex, nanostructured materials."

Li recently left his position as an assistant professor of materials science and engineering at Ohio State University to become an associate professor in the Department of Materials Science and Engineering at the University of Pennsylvania in Philadelphia.

For a complete listing of the TR35, including profiles of each of the winners, visit *www.technologyreview.com/tr35/*. Nominations for the 2008 list will be accepted through February 29.