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The Adhesion Society Award for Excellence in Adhesion Science-1994

Larry Peebles

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The Adhesion Society Award for Excellence in Adhesion Science—1994

The Adhesion Society Award for Excellence in Adhesion Science for 1994, sponsored by the 3M Company, will be presented to Professor Lawrence T. Drzal at the annual meeting of the Society at Orlando, Florida, February 21–23, 1994. Professor Drzal is Professor of Chemical Engineering and Materials Science and Mechanics, and the Director of the Composite Materials and Structures Center, Michigan State University, East Lansing, Michigan. Professor Drzal is cited in the award:

“for advancing the understanding of adhesion phenomena in fiber-reinforced composites and for the development of methods to quantify these phenomena.”

Professor Drzal obtained the B.Ch.E. degree from the University of Detroit in 1967 and a Ph.D. in Chemical Engineering from Case Western Reserve University in 1974. He was employed as a military and then as a civilian scientist at the Air Force Materials Research Lab at Wright-Patterson Air Force Base from 1972 until 1985. He joined the faculty at Michigan State University in 1985. Professor Drzal is a founding member and former officer of the Adhesion Society and the American Society for Composites. In 1992 he was awarded the Edwin P. Plueddemann Award for Excellence in Composite Interface Research. He received the Withrow Distinguished Scholar Award in 1992 from the College of Engineering at Michigan State. In 1993 he was selected as one of ten faculty at Michigan State University to receive the Distinguished Faculty Award.

Professor Drzal's research focuses on surface and interfacial aspects of adhesively bonded joints and fiber-matrix adhesion in composite materials. The thrust of his research is directed at understanding how fiber-matrix adhesion affects mechanical properties, composite processing, and long-term performance. An important contribution has been the development and application of the “interphase” concept to the study of fiber-matrix adhesion. Results from his laboratory have shown that fiber-matrix adhesion is due to the cooperative interplay of the fiber structure in the surface region, the fiber surface chemistry, and the polymeric matrix interaction with the fiber surface.

As a part of the recognition of his contributions to the understanding of fiber-matrix adhesion, invited and contributed presentations will be given by associates and friends of Professor Drzal at the Society's annual meeting. Contributions are sought from individuals describing the influence of Professor Drzal's work on their own investigations involving interfacial phenomena in composites. Individuals inter-

ested in participating in this portion of the program at the annual meeting should contact:

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The deadline for submitting abstracts is August 1, 1993.