

The American Ceramic Society NEWS RELEASE

August 21, 2015 For immediate release

Contact: Eileen De Guire Director of Communications and Marketing edeguire@ceramics.org 614-794-5828

The American Ceramic Society announces selection of Green, Harmer, and Raj as 2015 Distinguished Life Members

(WESTERVILLE, OH) The American Ceramic Society (ACerS) today announced the names of the organization's 2015 Distinguished Life Members: David J. Green, Martin P. Harmer, and Rishi Raj. The Distinguished Life Member Award is the highest honor accorded to members of the scientific and technical organization. The award recognizes an individual's eminent contribution to the ceramic and glass profession.

"Each year, the Society presents the title 'Distinguished Life Member' to prominent members who have made great advances in ceramic science and technology, made significant contributions to the benefit of the Society, and who have helped mentor and inspire our younger leaders," says ACerS president Kathleen Richardson. "While this award recognizes career achievement, David Green, Martin Harmer, and Rishi Raj continue to be very active members of our profession. I look forward to seeing what they do in the future, even as we celebrate what they have done so far."

The trio will be inducted as Distinguished Life Members at the Society's Annual Awards and Honors Banquet Oct. 5 in Columbus, Ohio.

David J. Green

Green began his career in ceramics at McMaster University (Hamilton, Ontario, Canada) where his first project was working with the fracture of zirconia. At the time, there was strong interest in using ceramics in high-temperature engines, and studying the fracture of zirconia became the focus of his doctoral thesis.

Green's professional career can be directly tied to the close-knit ACerS network—from his first job at CANMET with the Canadian government and the friends he made while there, to working with Fred Lange at Rockwell International, where he worked on space shuttle tile, to joining the Penn State faculty at the urging of Richard (Dick) Tressler.

In 2014, Green served as ACerS president. During his tenure as president, Green focused on launching the Ceramic and Glass Industry Foundation, outreach to Central and South American

600 N. Cleveland Avenue Suite 210 Westerville, Ohio 43082 Tel: 614/890-4700 • Fax: 614/794-5892 • Page 2

members, and promoting diversity in the Society. He is a Fellow of ACerS, 2005 recipient of the Sosman Lecture Award, and in 2006 became an Alexander von Humboldt Fellow. He serves as senior editor of the Society's flagship *Journal of the American Ceramic Society*.

Martin P. Harmer

Harmer is Alcoa Foundation Distinguished Professor of materials science and engineering and director of the Center for Advanced Materials and Nanotechnology at Lehigh University (Bethlehem, Pa.).

Harmer says the most rewarding aspect of his career is having the opportunity to interact with spectacular colleagues and students, together working to solve tremendous problems in the field.

Harmer's publication record details significant contributions unraveling grain boundary complexions, microchemical ordering and domain structures in ferroelectrics, and critical characteristics of structural ceramics, among many others. An ACerS member since 1981, Harmer has received an honorable list of Society awards, including ACerS Fellow designation, Richard M. Fulrath Award, Ross Coffin Purdy Award, Robert B. Sosman Memorial Award, Roland B. Snow Award, and W. David Kingery Award.

Rishi Raj

Rishi Raj earned his Ph.D. from Harvard University, and began working on ceramic materials after researching metals for about a decade. Today he is recognized as a prominent thought leader in the field known for his multidisciplinary approach to scientific theory.

Raj has studied oxides and non-oxides to understand a wide range of behavior phenomena, including high-temperature creep, superplasticity, interfaces and amorphous phases and their role in sintering and creep, sintering mechanisms, and polymer-derived amorphous materials. But most recently, he has turned his attention to understanding electric field effects on sintering and defect chemistry, also called "flash sintering."

Raj is professor of mechanical engineering at the University of Colorado at Boulder. He is also a Fellow of ACerS and a member of ACerS Basic Science Division.

About ACerS

Founded in 1898, The American Ceramic Society is the leading international professional membership organization for ceramic, glass, and materials scientists, engineers, researchers, manufacturers, sales professionals, educators, and students. ACerS publishes refereed journals, periodicals, and books; organizes meetings and expositions; and offers technical information through web and print outlets. ACerS's extensive website (www.ceramics.org) provides online access to its journals, *Ceramic Tech Today* news blog, *ACerS Bulletin* membership magazine, videos, student and young professional career resources, and specialized technical knowledge. The Society serves 9,000 members from more than 70 countries.

###

• Page 3

Related Images:



David J. Green



Martin P. Harmer



Rishi Raj