# The American Ceramic Society



2025 Society Awardees



# 2025 Distinguished Life Member

### John E. Marra

Technical Director

AtkinsRèalis US Nuclear





# 2025 Distinguished Life Member

## Subhash H. Risbud

Distinguished Professor, Emeritus

University of California, Davis





## 2025 Fellows Slate

Amjad Almansour; NASA Glenn Research Center	K.T. Ramesh; Johns Hopkins University
Yajie Chen; Rogers Corporation	Wolfgang Rheinheimer; University of Stuttgart, Germany
Armin Feldhoff; Leibniz Universität Hannover, Germany	Denise Silva; Oak Ridge National Laboratory
Yumi Ikuhara; Japan Fine Ceramics Society, Japan	Gurpreet Singh; Kansas State University
Mihails Kusnezoff; Fraunhofer Gesellschaft e.V., Germany	Federico Smeacetto; Politecnico di Torino, Italy
Gregory Morscher; University of Akron	Wilfred ∀. Srubar, III; University of Colorado

#### The American Ceramic Society 2025 Awardees

#### Edward Orton Jr. Memorial Lecture

Tatsuki Ohji; Yokohama National University, Japan

Frontiers of Science and Society – Rustum Roy Lecture Ungyu Paik; Hanyang University, Korea

#### Richard and Patricia Spriggs Phase Equilibria

Analysis of slag chemistry in WEEE smelting using experimental and modelling study of the "CuO0.5"-ZnO-FeO-FeO1.5-CaO-SiO2-AlO1.5 system in equilibrium with Cu metal; Georgii Khartcyzov, Cora Kleeberg, Maksym Shevchenko, Denis Shishin, Evgueni Jak; Ceramics International Volume 50, Issue 15, 1 August 2024, Pages 26513-26527

#### **Ross Coffin Purdy**

"Lead-free Zr-doped ceria ceramics with low permittivity displaying giant electrostriction"; *Nature Communications*, 2023; **AND** "High-entropy rare earth titanates with low thermal conductivity designed by lattice distortion"; *Journal of the American Ceramic Society*, 2023

Rishi Raj Medal for Innovation and Commercialization Mrityunjay Singh; Ohio Aerospace Institute

Morgan Medal and Global Distinguished Doctoral Dissertation Katelyn Kirchner; CelSian Inc.

#### John Jeppson

**Jingyang Wang**; Inst of Metal Research, Chinese Academy of Sciences, China

Medal for Leadership in the Advancement of Ceramic Tech.

Outside of the Americas: Naotaka Kondo; Toyo Tanso Co. Ltd.,

Japan

Inside of the Americas: Not awarded

ECerS-ACerS Joint Young Professional Award Antonia Ressler; Tampere University, Finland	ECerS-ACerS Joint Award Pavol Sajgalik; Slovak Academy of Sciences, Slovakia
W. David Kingery Carol Handwerker; Purdue University	Du-Co Ceramics Young Professional Charmayne Lonergan; Missouri University of Science and Technology
Navrotsky Award for Experimental Thermodynamics of Solids  "Structural and thermodynamic investigations of Zr(BH4)4 and Hf(BH4)4 between 280 K and their decomposition temperatures"; New Journal of Chemistry, 48 (6) 2743-2754, 2024; Konrad Burkmann, Franziska Habermann, Erik Schumann, Jakob Kraus, Bianca Störr, Horst Schmidt, Erica Brendler, Jürgen Seidel, Klaus Bohmhammel, Jens Kortus, and Florian Mertens	David W. Richerson Educational Outreach Award Nathaniel McIlwaine; The Pennsylvania State University Paul Brune; Missouri University of Science and Technology
Richard M. Fulrath  U.S. Academic: Lane Martin; Rice University  U.S Industrial: Nathan Orloff; NIST  Japanese Academic: Takashi Teranishi; Okayama University  Japanese Industrials: Shota Daiki; Tokuyama Corp.  Satoshi Mori; Niterra Co., Ltd.	Corporate Technical Achievement To Be Determined Corporate Environmental Achievement To Be Determined Robert L. Coble Award for Young Scholars To Be Determined