

## Marquis Award Recipients

1973	Eugene F. O'Connor, Richard A. Eppler (Pemco Products) Larry L. Hench (University of FL), Byron P. J. Cason	
1974	(American Cyanamid Co.) Cullen L. Hackler (Pemco Products)	"Controlled Flocculation of Wall Tile Glaze Effluent" "Effects of the Zirconium Silicate Opacifier Source and Glaze Composition on Color Strength and Stability of Glaze Stains"
1975		
1976		
1977	Girard W. Phelps (Rutgers University)	"Reformulation of Whiteware Bodies"
1978	Salil K. Roy (University of Singapore)	"Techno-Economic Formulation of Porcelains by Linear Programming"
1979	Laurence D. Gill, John D. Romano, Jr. (Pemco Products)	"Abrasion Resistance of Ceramic Glazes"
1980	Russell K. Wood (American Standard)	"Sanitary Ware-The Effect of First-Fire Film Cooling on Ware Properties"
1981	Cullen L. Hackler (Pemco Products)	"Which is the Yellow for You?"
1982	Charles F. Hanks, Jr. (KY-TN Clay Co.)	"Reformulation of Casting Bodies Using Slurries"
1983	James E. Funk (Alfred University) David B. Price (Detroit Diesel Allison (GM)), James S. Reed	"Designing the Optimum Firing Curve for Porcelains"
1984	(Alfred University) Richard L. Lehman (Rutgers University), Jerry G. Weinsin, Girard W. Phelps (Rutgers University), Kevin M. Adams	"Boundary Conditions in Electrical Porcelain Extrusion"
1985	(US Navy)	"Reformulation of Whiteware Bodies Using Characterization and Linear Programming Methods and Techniques"
1986	John A. Slyh (American Olean Tile Co.)	"Sorption-Desorption of Water on Porous Ceramics"
1987	Hayne Palmour III (NC State University)	"Rate Controlled Sintering of Whiteware Porcelain"
1988	Richard A. Eppler (Eppler Associates) James E. Funk (Jefco Ceramic Consultants), Dennis R.	"Selecting Ceramic Pigments"
1989	Dinger (Clemson University) Christopher T. Decker (Drakenfeld Colors)	"Slip Control Using Particle-Size Analysis and Specific Surface Area" "The Stability of Zirconium Vanadium and Zirconium Praseodymium Yellow Pigments in a Fast-Fire System"
1990		
1991	Julie Faison and Richard A. Haber	Use of Polyphosphates as Deflocculants of Alumina
1992	Thomas E. Landon	"Avoiding Some Pitfalls in Process Data Analysis"
1993	Georges J. Ghorra David Shucavage	"Theory of Fast Firing"
1994		"Practical Pointers for Implementing an ISO 900 Quality System"
1995	John F. Kinkela	"Establishing Regulatory Compliance in a New Planet"
1996	Lalit Behal & Dan Schelker	"Effects of Polyacrylate and Sodium Silicate, Dispersant on Plaster Mold Characteristics"

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1997	William J. Kelly	"A Procedure for Determining the Response of Organic Matter in Ball Clays to Alkaline Digestion"
1998	A. Kenneth Bougheter	"A Practical Evaluation of Reversible Thermal Expansion in Determining Fired Whiteware Body Performance."
1999	Douglas R. Eppler and Richard A. Eppler	"Calculating Glaze Color From Pigment and Opacifier Standards"
2000	William Carty and Nikolas Ninos	"Using Surface Area to Solve an Inappropriate Mixing Problem"
2001	John Wight, Jr. and James Reed	"Polymer-Plasticized Ceramic Extrusion"
2002	David Earl and Mushtaq Ahmed	"Characterizing Glaze-Melting Behavior Via HSM"
2003	Aubree Buchtel-Lynch, William Carty and Mark Noirot	"Pyroplastic Deformation Revisited"
2004	Not Awarded	
2005	Mike Tkach	"Reclaiming Hotel China Glaze"
2020	Dana Goski and Matthew Lambert	"Engineering resilience with precast monolithic refractory articles"
2021	Somnath Mandal, C. J. Dileep Kumar, Devendra Kumar, Komal Syed, Marie-Aline Van Ende In-Ho Jung, Sarah C. Finkeldei, William J. Bowman	"Designing environment-friendly chromium-free Spinel-Periclase-Zirconia refractories for Ruhrstahl Heraeus degasser"