



Michael H. Bruno TAGA AWARD

2019



**Presented at the 71st
Annual Technical Conference of the
Technical Association of the Graphic Arts**

Minneapolis, Minnesota, USA

March 19, 2019



Michael H. Bruno

T A G A A W A R D

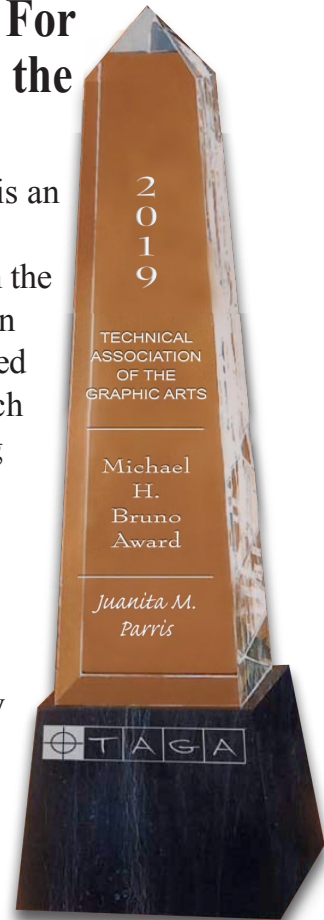
Michael H. Bruno TAGA Award For Outstanding Contributions to the Graphic Arts Industry

The Technical Association of the Graphic Arts is an international organization of technologists, scientists, technical, and production personnel in the printing and allied industries, as well as students in accredited graphic arts programs. It was established in 1948 as a forum for reporting on new research and technology in the graphic arts. It has a long history of distinguished annual conferences at which technical papers on graphic arts subjects are presented. The annual volumes of *TAGA Proceedings* are the published records of these papers by leading technical and scientific men and women who have contributed immeasurably to the progress of printing technology and graphic science throughout the world.

The Board of Directors of TAGA hereby recognizes a professional with a distinguished career to receive the 2019 TAGA Michael H. Bruno Award in appreciation of his dedicated service and contributions to the advancement of graphic arts internationally.

As evidence of this honor, the awardee will receive the Michael H. Bruno Award. This award is named for the late Michael H. Bruno. Printing was his vocation for his entire working life. He was a kind and gentle man who was passionate about printing and the people who produced it. In his own words, "I had the good fortune to be where the action was during the most active period since printing was invented." We, in turn, were very fortunate to know Michael. Everyone who knew him or knew of him respected him and his incredible knowledge of the industry. What a wonderful legacy to leave for the world.

Presented here is a summary of the accomplishments of this year's distinguished recipient of the Michael H. Bruno Award.





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2019 Bruno Award Recipient: Juanita M. Parris

Dr. Juanita Parris is currently the Global Director of R&D for Material and Analytical Science. In that capacity she manages a diversified group with laboratories in the U.S. and Europe. Under her leadership, the Polymer Teams develops novel materials which are formulated into inks and coatings. This includes scale up through the Pilot Plant. The Analytical and Material Science teams



support R&D, manufacturing, customer service, printers, converters, and brand owners by solving problems using state-of-the-art instrumentation and expertise. The Color Research Lab focuses on research and technology assessment in color measurement, color management, and color matching in the graphic arts and printing. Through this group Sun maintains a presence in several organizations such as the ISCC, CIE, and ASTM Committee E12 on Color and Appearance. The Platform Science Team develops new relationships between printability and material solutions. They work closely with the Print Lab and Polymer to utilize our knowledge of the printing process to develop the next generation of products. The Print lab can run solvent, water, UV, and EB inks and coatings that are printed flexo, gravure, and offset.

Juanita holds a PhD in Physical and Polymer Chemistry from McGill University in Montreal, Canada. There she characterized the structure of polyhydroxyalkanoates using crystallography and molecular modeling. These polyesters can be used to create bioplastics from renewable sources, they biodegrade, and are biocompatible. In her Masters in Inorganic Chemistry she furthered the understanding of the crystal structure of a



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superionic complex and its phase transitions. The superionic complex is the highest performance fluoride ion conductor that could be used in a hydrogen fuel cell which could potentially power electric cars.

Juanita joined Sun Chemical Corporation in 1993 at the Daniel J. Carlick Technical Center in Carlstadt, NJ. She began her career in the Basic Science group that solved problems using a range of physical chemistry techniques such as rheology, microscopy, surface energy, and particle size. Juanita was then promoted to Technical Manager of Liquid Ink at R&D where she focused on developing flexo and gravure solvent and water-based inks. After leading the Analytical group, Juanita moved to Sun's Corporate HQ in Fort Lee, NJ where she spent four years as the Director of Global Purchasing where she managed the spend of a significant and diversified portfolio of raw materials. She returned to R&D in 2007 where she led the development portfolio of global value-added solutions for energy curable inks and coatings.

Juanita served as a member of the board of TAGA from 1996 to 2002 and was the New Program Committee Chair. Working with Jim Harvey, TAGA's program development manager, the peer reviewed Journal of Graphic Technology was established with Juanita serving as its first editor. She is also a Lead ISO Auditor and Certified Team Facilitator. She is currently the President of NPIRI. Juanita is a past presenter at TAGA with topics ranging from the use of Atomic Force Microscopy in the Graphic Arts (1995), Gravure Cylinder Banding (1996), and Optimizing UV Ink Lay (1997). She holds 13 published and granted patents.



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Previous Honorees

2018

Dr. Mark FJ Bohan

2017

Lawrence Warter

2016

Tony Bean
Paul Cousineau

2015

Guy Gecht
Frank Romano
Erwin Widmer

2014

Sam Ingram
Yoshiharu Komori
George Ryan

2013

Anthony Stanton

2012

James C. King
John E. Warnock

2011

Richard Goodman

2010

Bernard Pineaux

2009

Patrice J. Mangin

2008

Tim C. Claypole

2007

Bruce Blom

2006

Robert Chung

2005

Helene Juhola

2004

Harvey Levenson

2003

Nils Enlund

2002

Takashi Numakura

2001

Ing Helmut Kipphan
Irving Pobboravsky
William Ray

2000

Mitsuo Kaji

1999

Joel Rubin
Walter Zawacki

1998

Jacqueline Fetsko
Franz Sigg

1997

Edward Granger
Raymond Prince

1996

Gary Field
David McDowell

1995 – Orlando

Eiichi Inoue
Patrice Dunn

1995 – Paris

Anthony Johnson

1994

Kurt Schlapfer

1993

Paul Borth
Ing Uwe Gast

1992

Richard Fisch
Milton Pearson

1991

Sven Ahrenkilde
Brian Chapman
Charles Rinehart

1990

Robert Downie
Thomas Fadner
Tapio Lehtonen

1989

H. Brent Archer
S. Thomas Dunn

1988

James Cox
Philip Evanoff
Lawrence Wilson

1987

Werner Gerlach
Warren Rhodes
Kenneth West

1986

John MacPhee
J. Tom Morgan, Jr.
Miles Southworth

1985

Jean Chevalier
Emilio Gerboni
Simo Karttunen
Bryan Sunderland

1984

Robert Bassemir
Kurt Pfahl

1983

William Schreiber
William Somerville

1982

Gordon Johnson
Herbert Phillips

1981

John Crosfield
George Jorgensen

1980

William Schaeffer
Philip Tobias

1979

Harvey George
Richard Maurer
John McMaster

1978

Bernard Halpern
Francis Wurzburg, Jr.

1977

Albert Materazzi
Robert Rossell
Earl Sundeen
William Walker

1976

Michael Bruno
Paul Hartsuch
Frank Preucil
John Yule



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Technical Association of the Graphic Arts

301 Brush Creek Road • Warrendale, PA 15086 USA

Telephone: 412-259-1706 • Fax: 412-259-1765

www.taga.org