

LIST OF NEW MEMBERS AND ASSOCIATE MEMBERS

Joannie Chin	Jai A. Pathak
Christina A. Hacker	Joseph Rice
Katrice Lippa	Amit Sehgal
Raj Madhavan	Gloria Thomas
Douglas C. Meier	Ambler Thompson
Luis A. Melara	John S. Vrettos
Arif Muhammad	

NIST SIGMA XI CHAPTER PRESIDENTS

Hans J. Oser	1976-77	Kenneth G. Kreider	1990-91
John W. Rowen	1977-78	Ronald G. Rehm	1991-92
H. Steffen Peiser	1978-79	Edgar S. Etz	1992-93
Karl G. Kessler	1979-80	Barbara C. Levin	1993-94
Theodore V. Vorburger	1980-81	Harry L. Rook	1994-95
Barbara F. Howell	1981-82	W. Robert Kelly	1995-96
Edward L. Brady	1982-83	Robert D. Shull	1996-97
James F. Schooley	1983-84	Dale E. Newbury	1997-98
Anna C. Fraker	1984-85	Daniel W. Lozier	1998-99
Chris E. Kuyatt	1985-86	William R. Ott	1999-00
Lawrence H. Bennett	1986-87	Robert A. Fletcher	2000-01
Howard E. Sorrows	1987-88	Bert M. Coursey	2001-02
Marilyn E. Jacox	1988-89	Gerald V. Blessing	2002-03
Johanna M. H. Levelt Sengers	1989-90		

ACKNOWLEDGMENTS

MANY THANKS TO:

Ellyn S. Beary, Gerald V. Blessing, Heather Chen-Mayer, Charles Ehrlich, Bob Fletcher, Katharine Gebbie, Karl Irikura, Lisa Karam, Bob Kelly, Barbara C. Levin, Daniel Lozier, John Maurey, Magdalena Navarro, and Mike Rowe for their generous contributions to the **Post-Doctoral Poster Presentation (PPP) refreshments;**

AND

Dale Newbury (Chair), Marcia Holden, Eric Vogel, William Boettinger, and Thomas Lucartorto for serving as **PPP judges;**

AND

Dale Newbury, John Henry Scott, Edgar Etz, and Robert Fletcher for serving as **Montgomery Area Science Fair Sigma Xi Judges,** Robert Myklebust, Gerry V. Blessing and Catherine D. O'Connell as **Frederick County Science Fair judges.**

The Willow Tree Inn, Thursday, May 8, 2003

Annual Banquet Program

5:30 pm Social Hour (Cash Bar)

6:30 pm Dinner

7:15 pm Program

- Remarks & Introduction of Current Officers Gerald V. Blessing
- Remarks by the Incoming President Charles D. Ehrlich
- Introduction of New Officers Charles D. Ehrlich
- Introduction of New Members Ellyn S. Beary
- Presentation of Awards

Outstanding Teacher Award

Angela R. Hight-Walker

Robert Donaldson (Montgomery Blair High School)

Measurement Science Awards for High School Science Fairs

Dale E. Newbury

Montgomery County

Kevin Fang and Wei-Liang Lai (Montgomery Blair High School)

Frederick County

Brian Pepper and Jennifer Gee (Middletown H.S. & Frederic H.S.)

Outstanding Post-doctoral Presentation Awards

Barbara C. Levin

Douglas C. Meier (Process Measurements Division, CSTL)

Young Scientist Awards for Excellence in Scientific Research

Marilyn E. Jacox

David Ross (Process Measurement Division, CSTL)

Outstanding Service in Support of Research Scientists

Marilyn E. Jacox

Hoyt A. Cox, Dean Smith and Joel T.M. Bilheimer
(Facilities Services Division, ADMIN)

Outstanding Service to the NIST Sigma Xi Chapter

Gerald V. Blessing

Robert D. Shull (Metallurgy Division, MSEL)

***Introduction of Speaker**

Charles D. Ehrlich

Francis Slakey (Georgetown Univ. & American Physical Society)

Sigma Xi, The Scientific Research Society
National Institute of Standards and Technology Chapter



27th Annual Banquet



Featured Speaker:

Francis Slakey
Upjohn Lecturer in Biology
& Physics,
Georgetown University
and
Associate Director of
Public Affairs,
American Physical Society

TO THE LAST BREATH: TALES OF A MOUNTAIN CLIMBER

*In May 2000, Dr. Slakey became the 28th American to summit Mt. Everest in an unguided expedition that also hauled 700 spent oxygen bottles and a half-ton of trash off the mountain. After a recent climb in the jungles of Indonesia, he became just the 70th climber in history to scale the highest mountain on every continent. Slakey has hitchhiked across Central Asia, lived with Masai in East Africa, scaled the granite face of El Cap, and skied the polar plateau in Antarctica. He appeared in the National Geographic documentary, **Beyond the Summit**, and was featured in the July 2002 Washingtonian Magazine article entitled **On Top of the World**.*

Willow Tree Inn

Thursday, May 8, 2003

LIST OF 2002-2003 PRESENTATIONS AND SPEAKERS

“Evidence for Nuclear Emissions during Acoustic Cavitation”
 R.P. TALEYARKHAN (Oak Ridge National Laboratory)
 NIST Green Auditorium, May 29, 2002

“A New Kind of Science”
 Stephen Wolfram, Creator of Mathematica and CEO of Wolfram Research, Inc., a joint event with NIST Colloquium,
 Red Auditorium, September 17, 2002

“Modeling Macroscopic Optical Properties with Microscopic Calculations”
 Eric L. Shirley (PL, NIST)
 2002 NIST Sigma Xi Young Scientist Award
 Lecture Rm. A, October 24, 2002

“Prediction and Characterization of Materials Properties from First Principles”
 Taner Yildirim, (MSEL,NIST)
 2002 NIST Sigma Xi Young Scientist Award
 Lecture Rm. A, November 18, 2002

“New Ways of Taking Science to the People”
 Frank Burnet, Director of Graphic Science, University of the West of England, a joint event with NIST Colloquium
 Green Auditorium, January 24, 2003

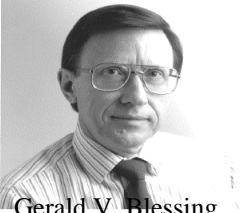

10th Annual Post-Doctoral Poster Presentation
 NIST Sigma Xi Chapter,
 Hallway outside Lecture Rooms A & B, February 27, 2003

“True Time Before NBS”
 Ian Bartky, former NBS scientist and author of “Selling the True Time: Nineteenth-Century Timekeeping in America”
 Green Auditorium, March 20, 2003

“Engineering of Mind”
 James S. Albus (MEL, NIST)
 Author of the book “Engineering of Mind”
 Lecture Room B, April 14, 2003

“To the Last Breath: Tales of a Mountain Climber”
 Francis Slakey, Upjohn Lecturer in Biology & Physics and Associate Director of Public Affairs, American Physical Society
 2003 NIST Sigma Xi Banquet Speaker, May 8, 2003

OFFICERS AND COMMITTEES

	2002-2003	2003-2004
Executive Committee President President-Elect Secretary Treasurer Past-President Web Master Headquarters Liaison	Gerald V. Blessing (2003) Charles D. Ehrlich (2003) Magdalena Navarro (2003) Alan H. Cookson (2003) Bert M. Coursey(2002) Heather Chen Magdalena Navarro (International Committee) 	Charles D. Ehrlich (2004) Alan H. Cookson (2005) Karl Irikura (2005) John Rumble (2005) Gerald V. Blessing (2003) Heather Chen Magdalena Navarro (International Committee) Charles D. Ehrlich 
Nominations Committee	Laurie Locascio(2004, Chair) Thomas E. Gills (2003) Fern Hunt (2004) Charles D. Ehrlich (Ex-officio)	Laurie Locascio (2004, Chair) Thomas E. Gills (2003) Karl Irikura (2004) Michael P. Casassa (2005) Fern Hunt (2004) Charles D. Ehrlich (Ex-officio) Abigail Lindstrom (2005)
Admissions Committee	Ellyn S. Beary (2004, Chair) Howard Baum (2004) Barbara Levin (2004) John R. Rumble Jr. (2003)	Ellyn S. Beary (2004, Chair) Lisa Karam (2003) George G. Harman (2004) Howard Baum (2004) Michael Gaitan(2005) George G. Harman (2004) Lisa Karam (2003) Barbara Levin (2004) John R. Rumble Jr. (2003)
Education Committee (Open to All Members and Associate Members)	Angela R. Hight-Walker (Chair) Gerald V. Blessing John Blendell Julia Y. Chan Carol A. Handwerker Jack J. Hsia W. Robert Kelly John R. Maurey Robert L. Myklebust Dale E. Newbury Catherine D. O'Connell Robert D. Shull John A. Small	Angela R. Hight-Walker (Chair) Gerald V. Blessing John Blendell Julia Y. Chan Carol A. Handwerker Jack J. Hsia W. Robert Kelly John R. Maurey Robert L. Myklebust Dale E. Newbury Catherine D. O'Connell Robert D. Shull John A. Small
Program Committee	Charles D. Ehrlich (Chair) Robert A. Fletcher William R. Ott Gerald V. Blessing Daniel W. Lozier Dale E. Newbury Robert D. Shull Magdalena Navarro	Alan H. Cookson (Chair) Charles D. Ehrlich William R. Ott Gerald V. Blessing Daniel W. Lozier Dale E. Newbury Robert D. Shull Magdalena Navarro
Awards Committee	Marilyn E. Jacox (Chair) Robert A. Fletcher Theodore V. Vorburger Kenneth G. Kreider	Marilyn E. Jacox (Chair) (Members to be appointed)
Postdoctoral Poster Presentation Committee (Open to All Members and Associate Members)	Barbara C. Levin (Chair) H. Heather Chen-Mayer Jack J. Hsia Robert A. Fletcher Dan Lozier W. Robert Kelly Magdalena Navarro Gail Hixenbaugh Dale E. Newbury	Barbara C. Levin (Chair) H. Heather Chen-Mayer Jack J. Hsia Robert A. Fletcher Dan Lozier W. Robert Kelly Magdalena Navarro Gail Hixenbaugh Dale E. Newbury