MESSAGE FROM THE CHAIRMAN

IEEE Colleagues and Friends:

As this year’s Chairman, it is an honor and privilege to welcome everyone to the IEEE Long Island Section’s 2008 Annual Awards Banquet. Long Island has a tradition of pioneering innovation and technical accomplishments, making this a very proud moment and opportunity to present these awards to honor the outstanding achievements in engineering for 2007. We are privileged today, to have with us distinguished keynote speaker Stanley Zoubek, Technical Director and Chief Engineer of the Northrop Grumman Corporation Integrated Systems Eastern Region. In 2005 Stan was honored with the IEEE Region 1 Award for Electrical Engineering Management, which indeed, he truly deserves. Stanford provides overall technical direction supervision for the Airborne Early Warning and Battle Management Command and Control Navy Programs for more than 450 engineers in association with the E-2C and E-2D Advanced Hawkeye Aircraft and C-2 Greyhound. This evening, Mr. Stan Zoubek will speak on “Contributions of IEEE Engineers to the Development of the E-2D Advanced Hawkeye”, a topic which I know everyone will enjoy.

I would like to also touch upon what makes this event, as well as all the other events and activities that the IEEE Long Island Section organizes and provides to our engineering community possible. It is both the tireless hard work of our volunteers and the continued very generous support of our local organizations. Without either of these, IEEE could not be successful or possibly exist. I want to thank each and every one of our volunteers, supporters, members and friends personally for making what the IEEE Long Island Section does possible. Another shining example of this successful collaborative effort, is The Fourth Annual Long Island Systems, Applications and Technology Conference, also called LISAT2008, which will take place on Friday May 02, 2008 at Farmingdale State College of New York, details of which are in this Program or please visit our section’s fabulous website: www.IEEE.LI. Everyone is urged to attend and or support this excellent IEEE Long Island Section upcoming event.

Sincerely, William C. DeAgro, Chairman, IEEE Long Island Section

IEEE Long Island Section Awards Ceremony Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>6:00 - 7:00 PM</td>
<td>Guest Arrival, Hors d’oeuvres</td>
</tr>
</tbody>
</table>
| 7:00 - 7:10 PM | Call to Order, Welcome
William DeAgro
Chairman, IEEE, L.I. Section |
| 7:10 - 7:30 PM | Keynote Address:
Stan Zoubek
Technical Director
Chief Engineer
Northrop Grumman Corp |
| 7:30 - 7:45 PM | IEEE Long Island Section
Volunteer Recognition
William DeAgro |
| 7:45 - 8:00 PM | IEEE Long Island Section Awards
Jesse Taub, Awards Chairman |
| 8:00 - 9:10 PM | Dinner |
| 9:10 - 9:25 PM | IEEE Region 1 Awards
Jesse Taub, Awards Chairman |
| 9:25 - 9:30 PM | Closing Remarks
William DeAgro
Chairman, IEEE, L.I. Section |
| 9:30 - 10:00 PM | Dessert and Coffee |
2008

SECTION OFFICERS
CHAIR: William C. DeAgro, Telephonics Corporation
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2nd VICE CHAIR: Bryan Tropper, BAE Systems
TREASURER: Brian Quinn, Verizon
SECRETARY: Jon Garruba, Northrop Grumman Corporation
JUNIOR PAST CHAIR: Theodore Pappas, National Grid
SENIOR PAST CHAIR: David Wolff, BAE Systems

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Antennas and Propagation: Bryan Tropper, BAE Systems
Circuits and Systems:
  Chairman: Arthur Williams, Teleybyte
  Vice Chairman, Kenneth Schneider, Teleybyte
Communications:
  Chair: Dave Mesecher, Northrop Grumman Corporation
  Vice Chairman: Brian Quinn, Verizon
Computer: Daniel Rogers, Telephonics Corporation
Electromagnetic Compatibility:
  Chairman: David Sterner, Honeywell,
  Vice Chairman: Tom Schneider, Telephonics
Engineering in Medicine and Biology: Ezra Gershon, Schick Technologies
Instrumentation and Measurement Society: Nikolaos Golas, Telephonics
Microwave Theory and Techniques: James Colotti, Telephonics Corporation
Nuclear and Plasma Sciences: Bo Yu, Brookhaven National Laboratories
Power Engineering: John Michelsen
Power Engineering LI Liaison: Robert Bruce
Signal Processing: Steven (Seyed) Mansourbeigi
Society Coordinator: David Wolff, BAE Systems
Vehicular Technology: Arlene Zhang, Brookhaven National Laboratories

ACTIVITY AND AFFINITY CHAIRS, 2008
Awards Nomination Chairman: Jesse Taub, Consultant
Consultants Network of Long Island: Irwin Weitman, Cedar Engineering
Educational Activities Chairman: Charles Richardson,
The Literacy Council
Employment Assistance Committee Chairman: Steven Mansourbeigi
EJCLI: Charles Richardson, Charles Richardson,
The Literacy Council
Historian: Roderic V. Lowman
IEEE USA Liaison: Robert Bruce
Industry Liaison: Dave Mesecher, Northrop Grumman Corporation
LIMSAT: Frederick Kruger, Kruger Associates Inc.
LISAT: Charles Rubenstein, Pratt Institute
Membership Development: Ted Pappas, KeySpan Energy
Nominations: David Mesecher, Northrop Grumman Corporation
PACE: Irwin Weitman: Cedar Engineering
Professional Society Liaison: Dave Mesecher, Northrop Grumman Corp.
Program Chairman: David L. Wolff, BAE Systems
Student Activities Chair: Allison Fusswinkel, Northrop Grumman Corp.
Tellers Committee: John Peterson, Peterson Associates
Webmaster, LI Section: James Colotti, Telephonics Corporation

Student OFFICERS
SUNY Stony Brook: President: Peter Poon
SUNY Stony Brook: Vice President: Daichi Ikegami

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METSCAC Chair: Robert Pellegrino

2007

SECTION OFFICERS
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Program Chairman: David L. Wolff, BAE Systems
Pulse Business Manager and Editor: Dave Allen, Mainly Marketing
Tellers Committee: John Peterson, Peterson Associates
Webmaster, LI Section: James Colotti, Telephonics Corporation

Student OFFICERS
SUNY Stony Brook: President: Jose Lee
SUNY Stony Brook: Vice President: Daichi Ikegami

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Region 1 Director: Barry L. Shoop
Area B Chair: Gerhard Franz
METSCAC Chair: Alan Stolpen
Section Awards
Harold Wheeler Award: Dr. Kenneth Schneider
Alex Gruenwald Award: Mr. Arthur Rossoff, Posthumously
Charles Hirsch Award: Dr. Babak Beheshti
Outstanding Young Engineer Award: Dr. Gabriella Carini

Region 1 Awards
For outstanding support of LISAT Conference: Dr. John A. Fiorillo
For creating an exemplary professional exhibit for LISAT: Mr. Mark Sadick
For dedicated efforts contributing to the growth and current activities of the IEEE Long Island Section of the APS: Mr. Bryan Tropper

FEATURING KEYNOTE ADDRESS BY

Stan Zoubek

“Contributions of IEEE Engineers to the Development of the E-2D Advanced Hawkeye”

Stan Zoubek provides overall technical direction and supervision for the AEW&BMC2-Navy Enterprise, consisting of over 450 engineers conducting a broad range of activities associated with the E-2C and E-2D Hawkeye as well as the C-2 Greyhound.

While serving as E-2D Advanced Hawkeye Chief Engineer from 2003 through 2006, Stan led the program’s technical activities from the early stages of development through Preliminary Design Review and Critical Design Review; as Technical Director, he as seen this major Navy program through its successful first flight and first systems flight. Stan received his Bachelor of Science in Electrical Engineering from Rensselaer Polytechnic Institute, and Masters degrees in Electrical Engineering and Management of Technology from Polytechnic University. He is co-holder of one patent associated with the E-2C radar, and received the IEEE Region 1 Award for Electrical Engineering Management in 2005.
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Honor Roll:

BAE Systems
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CDB Enterprises

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Kenneth S. Schneider was born in New York, NY on April 16, 1945. He was educated at Cornell University where he received the B.S., M.Eng. (Electrical) and PhD degrees in 1965, 1966 and 1970 respectively. From 1970 until 1971 he worked at Hughes Aircraft Company in Culver City, California and was active in the area of satellite communications. From 1971 until 1976 he was a Member of the Technical Staff of the M.I.T. Lincoln Laboratory in Lexington Massachusetts. While there he was active in the development of satellite based systems for communications, navigation and surveillance. From 1976 until 1978 Dr. Schneider was a Senior Staff Member of the Network Analysis Corporation in Great Neck, New York and was involved in the design of large scale communication networks such as the ARPANET- the predecessor of the Internet. Dr. Schneider founded Sigcom, Inc. in 1978 to pursue the development of his own data communications product concepts. In 1983 Sigcom merged with two other companies to form Telebyte which is now based in Hauppauge, New York. Dr. Schneider served first as Vice President of Engineering at Telebyte and in 1999 became its Chairman and Chief Executive Officer. At Telebyte he has guided the development of numerous data communications products including modems and test equipment such as telephone local loop simulators and noise simulators. Dr. Schneider has also served as an Adjunct Professor at the Polytechnic Institute of New York. As a member of the IEEE since 1966 he has been active in the Information Theory, Communications, Quantum Electronics and Circuits and Systems groups. He has published close to 100 papers as well as 3 monographs and holds one patent. He is also a member of the Society of the Sigma Xi, Massachusetts Institute of Technology Chapter, which promotes research in science.
Telephonics Corporation

Congratulations

Award Recipients of the IEEE Long Island 2008 Awards Banquet

Telephonics Corporation, a subsidiary of Griffon Corporation, is a worldwide leader in Integrated Information and Communication Systems Technology. We serve Aerospace, Defense, and Commercial markets throughout the globe. Whether it is in the air, on the sea, or ground-based, our electronic systems are on board to ensure the safety and security of thousands of military personnel and civilians worldwide.

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Alex Gruenwald Award

Mr. Arthur Rossoff, Posthumously

“For many contributions to the promotion of technology on Long Island, particularly the Long Island Forum for Technology and the Long Island Museum of Science and Technology”

Art Rossoff had a long and distinguished career as an engineer in industry and academia. He was the author of a widely used textbook, “Transistor Electronics,” (1957) and taught at several area colleges. At Grumman, he played a vital role in the Apollo moon landing program. Art was a Fellow and board member of the world-wide IEEE Institute of Electrical and Electronics Engineers. He was a co-founder of LIFT (Long Island Forum for Technology). He served as the assistant to the president of Polytechnic University and helped to establish its undergraduate program in Farmingdale.

Art devoted 18 post-retirement years to the conception, nurturing, and leadership of the LIMSAT project, with the goal of establishing a hands-on museum of science and technology as part of Museum Row at Mitchel Field. He was a passionate advocate for the welfare of his fellow engineers and for the advancement of science education for Long Island Youth.

The Boards of Directors of both the Cradle of Aviation and of LIMSAT (Long Island Museum of Science and Technology) joined in establishing the First Annual Science and Technology Award in memory of Arthur L. Rossoff, “as an inspiration for generations to follow.”

Art received his BSEE (1943) from CCNY and his MEE (1947) from Polytechnic Institute of Brooklyn (now Polytechnic University). Over his lifetime, he worked for Polytechnic University, Emerson Radio, Radio Receptor Co, General Instrument Corp, Grumman Aerospace Corporation, and then, once again, at Polytechnic University.

During his rich professional career, he held several positions with the IEEE and was awarded the Fellow of the Institute, Centennial Medal. Art was a member of Tau Beta Pi, Eta Kappa Nu and Sigma Xi.

Art was 85 when he died; August 3, 2007.

SPECIAL THANKS TO OUR AWARDS NOMINATION COMMITTEE

Jesse Taub, Chairman
Dr. Ralph James
Alfred Lopez
Rod Lowman

Dr. Velio Marsocci
Richard Mohr
Dr. Martin Shooman
Arlene Zhang
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Region I Awards

For outstanding support of LISAT Conference
Dr. John A. Fiorillo

“For outstanding support of Long Island Systems, Applications and Technology (LISAT) Conference through enhancing student participation and development of college facilities”

John is a professor in the department of Electrical & Computer Engineering Technology at the Farmingdale State College campus of the State University of New York. As the FSC IEEE Student Club advisor, he is instrumental in motivating students to participate in various IEEE based activities such as Micromouse Competitions, guest speaker presentations, field trips to local industry and LISAT conferences. His areas of specialization include, design & implementation of discrete and integrated amplifier systems, network theory, C\C++ programming and programmable instrumentation. Research interests include the design of systems that incorporate metal oxide semiconductor devices and SPICE based software packages. John received his Ph.D. from New York University, has been cited in Who’s Who Among America’s Educators & recognized by the Chancellor of the State University of New York for his Excellence in Teaching. Prior to his employment at the college, he worked as an electronics engineer where his responsibilities included the design & implementation of amplifiers used in modulation transfer function analyzers & instrumentation to monitor the deposition of thin film materials on various substrates. John has been an active member of the IEEE & ASEE throughout his career and serves as a member of the LISAT conference committee.

Mr. Bryan Tropper

“For dedicated efforts contributing to the growth and current activities of the IEEE Region 1 and Long Island Section APS”

Bryan Tropper has been a member of the IEEE for over 16 years. Bryan is a Senior Member of the IEEE and is very active in volunteer leadership positions. Bryan is 2nd Vice Chair of the Long Island Section of the IEEE, as well as Chapter Chairman of the Long Island Section of the Antennas & Propagation Society. In addition, Bryan is a previous Vice Chairman of the Software Defined Radio Forum & is a member of the Institute of Navigation. Bryan has worked at BAE Systems since 2003 as a Senior Member of the Technical Staff. Bryan leads both software development for analysis and simulation, as well as hardware design & development of complex communication and GPS navigation systems. Bryan has expertise across the entire spectrum of technologies inherent in the wireless link. As a seasoned specialist in the wireless field, Bryan’s expertise is helping to "bring laboratory technology into the marketplace". This is accomplished via a mixture of deep technical domain expertise coupled with years of engineering management experience. Bryan is certified in Earned Value Measurement techniques, trained in SEI CMMI guidelines as they apply to ISO 9000 Development and trained in the use of Fagan processes for quality inspections. This permits Bryan to achieve an optimal balance between project scope, schedule and budget. Bryan obtained an MS degree in Electrical Engineering from the University of Illinois at Chicago in 1995, a BS degree in Electrical Engineering from the New York Institute of Technology in 1985, and is the Founder of Tropper Technologies Inc. (www.troppertech.com). Bryan, who enjoys sports with his wife and two boys, holds a 2nd degree Blackbelt in Ju Jitsu, is a Life Member of the United States Judo Association.
PROUD TO SERVE OUR NATION – AND OUR COMMUNITY

At BAE Systems, we’re as committed to being good local citizens as we are to providing the world’s most advanced defense electronics and information technology solutions. Congratulations to all of the 2008 IEEE Long Island Award Recipients.

www.baesystems.com
Charles Hirsch Award
Dr. Babak Beheshti

“For noteworthy contributions to reconfigurable wireless technology”

Babak D. Beheshti has been an IEEE member for over 18 years and active in IEEE volunteer leadership positions at local, regional, and institute wide levels. Babak is a tenured faculty member in the School of Engineering and Computing Sciences, New York Institute of Technology, Old Westbury, New York, where he has served since 1987. Babak has presented in numerous technical conferences and has published over 12 papers in the past 4 years.

Babak has also been an active consultant and has held positions of increasing responsibility in technical management in the areas of wireless and cellular systems as well embedded microprocessor based systems, having worked directly with the world’s most widely known handset manufacturers such as Nokia, Samsung, Siemens and LG.

Babak received his BEEE and MSEE both in Electrical Engineering from State University of New York at Stony Brook, in 1985 and 1987, respectively. Babak received his PhD in computer science from KWU in 2004. Babak is author of numerous articles and papers, and has presented in many conferences on topics ranging from engineering education to wireless systems. Babak is a Senior Member of IEEE and a recipient of the IEEE Millennium Medal. Babak is a member of Tau Beta Pi engineering honor society, and Eta Kappa Nu electrical engineering honor society.

Outstanding Young Engineer Award
Dr. Gabriella Carini

“For outstanding contributions to the advancement of semiconductor detectors for X-Ray spectroscopy”

Gabriella Carini is a research associate at Brookhaven National Laboratory, Upton (NY). She is currently involved in the development of X-ray Active Matrix Pixel Sensors (XAMPS) for the Linac Coherent Light Source (LCLS), Stanford (CA). This pixel array detector with integrated JFET switches has 100% fill factor, low noise, fast readout, single photon sensitivity and a dynamic range of more than 10^4 photons. She has extensively worked in the development and characterization of sensors and materials for room-temperature detectors, particularly CdZnTe, and authored/co-authored more than 30 scientific publications.

Gabriella earned her PhD in Electrical Engineering at the University of Palermo, Italy. At the 2006 IEEE Nuclear Science Symposium she received a certificate of outstanding contributions to the field of Nuclear Radiation Measurements for investigations of the role of Te inclusions in limiting the performances of CdZnTe detectors. She is co-winner of a 2005 R&D 100 Award for developing the CdZnTe Frisch-ring detector. This highly efficient and inexpensive detector can be used for nuclear medical imaging, environmental monitoring, galactic events studies, and nuclear-weapons safeguards. Gabriella is a member of the IEEE and SPIE.
National Grid and the Long Island T&D Congratulate the Recipients of the 2008 IEEE Long Island Section Awards
For creating an exemplary professional exhibit for LISAT

Mr. Mark Sadick

"For creating an exemplary professional exhibit offering as part of the Long Island Section’s IEEE Long Island Systems, Applications and Technology (LISAT) Conference”

As an Applications Engineer, Mark Sadick is responsible for all railroad and transit-related business for Retlif Testing Laboratories, both nationally and internationally. These two highly specialized markets require Mr. Sadick’s over thirty years of engineering and sales experience in order to help insure that all of Retlif Inc.’s current and future customers consistently receive highly focused personalized service, customized solutions and timely, as well as accurate responses. Retlif Testing Laboratories, which will be celebrating its thirtieth anniversary this year, is one of the United States’ largest, fully accredited, and independent, family owned compliance test organizations. As Retlif, Inc.’s “Good Will Ambassador”, Mark employs his relationship building, consultative business development and networking skills, to act as a facilitator and solutions provider, by drawing upon Retlif Testing Laboratories’ expertise in Electro-Magnetic Interference, Electro-Magnetic Compatibility, Environmental Simulation Services, In-Field and In-Lab Testing Capabilities, Test Procedures, Test Reports, as well as Program Management, Engineering and Consulting Services. Mark Sadick continues to utilize his extensive design, engineering and in-field experience in the areas of electric heating systems and controls, grounding systems, illumination sources, lightning protection, power quality and uninterruptible power supplies at Retlif, Inc. Mark is also MTA NYC Transit Track Safety Certified.

Prior to joining Retlif Testing Laboratories, Mark Sadick was the Sales and Marketing Manager for a Long Island-based contract manufacturer specializing in custom magnetics. He also served as the Director of Sales for a manufacturer of lightning protection, grounding systems and electric heating products. In addition, Mark was a sales engineer on the west coast for a manufacturer of commercial and industrial wiring devices and a business development account representative in the Los Angeles area, responsible for the petro-chemical market for one of the world’s largest electrical wholesale distributors. Mark Sadick received his Bachelor of Science Degree from Rochester Institute of Technology, where he was placed on the Dean’s List six out of twelve quarters.

Mark pursues his goal of continuous personal and professional development and improvement through his membership and voluntary participation in the following professional organizations:

Mark Sadick is very honored to receive this IEEE Region 1 Award and wishes to thank all his business associates, colleagues, fellow IEEE members, friends and especially his lovely wife, Analia, all of whom were and remain extremely supportive of his efforts to be part of the solution through volunteerism.
Stan Zoubek

Chief engineer of Northrop Grumman's Advanced Hawkeye program, for the honor of being chosen this year's keynote speaker; all of the 2008 IEEE award winners; and the IEEE for all that it and its members contribute to the profession and society.
ITT Corporation
would like to congratulate the 2008
IEEE Long Island Section
award recipients for their contributions:
Dr. Kenneth Schneider
Mr. Arthur Rossoff, Posthumously
Dr. Babak Beheshti
Dr. Gabriella Carini
Dr. John A. Fiorillo
Mr. Mark Sadick
Mr. Bryan Tropper
The IEEE is a non-profit, technical professional association of more than 377,000 individual members in 150 countries.

The IEEE produces 30 percent of the world’s published literature in electrical engineering, computers and control technology.

IEEE Vision: To advance global prosperity by fostering technological innovation, enabling members’ careers and promoting community world-wide.

IEEE Mission: The IEEE promotes the engineering process of creating, developing, integrating, sharing, and applying knowledge about electro and information technologies and sciences for the benefit of humanity and the profession.

The IEEE and its predecessors, the AIEE (American Institute of Electrical Engineers) and the IRE (Institute of Radio Engineers), date to 1884.
About the IEEE LI Section Awards

Harold Wheeler Award
This Award recognizes an IEEE member who has demonstrated outstanding technical and management abilities. Harold Wheeler was a world-famous engineer, who throughout his career at Hazeltine and Wheeler Labs, made many important technical contributions. He was a founding member of the IEEE Long Island Section.

Alex Gruenwald Award
This Award honors an IEEE member who has made important contributions to our profession on Long Island, and to the IEEE at large. Alex Gruenwald was an IEEE pioneer in the area of professional activities. He was a very active member of the Long Island Section, and went on to be a Region 1 Director.

Charles Hirsch Award
This Award recognizes an IEEE member who has made an outstanding technical contribution that has benefited Long Island. Charles Hirsch was a creative engineer at Hazeltine.

Outstanding Young Engineer
This Award honors a Long Island IEEE member who has made important technical contributions prior to his or her 35th birthday.

Athanassios Papoulis Award
This award is presented to educators in engineering, science, or mathematics, either living or teaching within the boundaries of the Long Island Section of the IEEE, who has demonstrated innovative teaching techniques. Athanassios Papoulis was a professor at Polytechnic University who was committed to promoting quality technical education on Long Island.

Outstanding Student Branch Award
This award is given to an IEEE student branch that is from one of the Long Island engineering schools. The Award recognizes outstanding activities that encourage student interest in the IEEE.

About the IEEE Region 1 Awards

For outstanding support of LISAT Conference
For outstanding support of Long Island Systems, Applications and Technology (LISAT) Conference through enhancing student participation and development of college facilities.

For creating an exemplary professional exhibit for LISAT
For creating an exemplary professional exhibit offering as part of the Long Island Section’s IEEE Long Island Systems, Applications and Technology (LISAT) Conference.

For dedicated efforts contributing to the growth and current activities of the IEEE Long Island Section of the APS
For dedicated efforts contributing to the growth and current activities of the IEEE Long Island/New York Chapter of the Antennas and Propagation Society.

About the IEEE Fellow Award

Since 1963, IEEE has acknowledged those individuals who have contributed to the advancement of engineering science and technology.

As it stands today, the IEEE Grade of Fellow is conferred by the Board of Directors upon a person with an extraordinary record of accomplishments in any of the IEEE fields of interest. A brief citation is issued to new Fellows describing their accomplishments and the total number selected in any one year does not exceed one-tenth percent of the total voting Institute membership.

For information on how to submit an IEEE member for an award, please contact Jesse Taub, the IEEE Long Island Section Awards Committee Chairman at jtaub@aol.com.
<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
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<tr>
<td>2007</td>
<td>Ralph B. James</td>
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**GRUENWALD AWARD**

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<td>2009</td>
<td>Richard LaRosa</td>
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<td>Herman Fialkov</td>
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<td>Eleanor Baum</td>
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**HIRSCH AWARD**

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**PAPULOS AWARD**

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**PREVIOUS MEMBER RECOGNITION**

Long Island Section Historian, Rod Lowman, has compiled this list of past chairmen, living past awardees and fellows elected to the Section, and others attracted to the Section.