



PRESIDENT'S REPORT

First, we are saddened to share the passing of our colleague and friend George Maling in June of this year. He was incorporator, founder, a director, and a president of INCE-USA and the INCE Foundation. He was a member of the National Academy of Engineering. In 2006, he was appointed chairperson of the NAE study leading to the report *Technology for a Quieter America* published in 2010. We have conducted with George and the NAE ten workshops based on the TQA report. He is missed by his family, friends, and colleagues. We've shared a longer tribute later in the newsletter to commemorate his significant contributions to the field.

Recent years have been difficult for everyone and the INCE Foundation was no exception. Despite challenges, the Foundation fulfilled our mission and purpose to fund INCE-USA awards totaling \$20,000 at the NOISE-CON 2022 conference and to fund six Beranek medals to students at six schools, the Lang W. Lang Award medal, and the Laymon N. Miller Award medal.

The TQA project has also been very active during 2022. In early November 2022, we held a successful four-day virtual workshop on Noise Around Airports: A Global Perspective. The workshop was supported by International INCE, the NAE, and the INCE Foundation. The report is being prepared and will be available on the INCE-USA website.

The INCE Foundation Board looks forward to supporting INCE-USA awards in 2023 at the NOISE-CON 2023 conference meeting. Thank you for your support of our efforts to fund awards that recognizes exceptional service, research, and activity in noise control. We are pleased to be a trustworthy steward for your financial contributions. Your generosity is much appreciated.

CONTRIBUTIONS TO THE INCE FOUNDATION

Tax deductible contributions to the INCE Foundation (a 501(c)(3) organization) may be made by check or in conjunction with annual INCE/USA member renewal.

All contributions will be gratefully acknowledged.

Recognition levels for donations to the INCE Foundation are:

Benefactor: \$1,000 and up **Patron:** \$500 - \$999

Sponsor: \$250 - \$499 **Donor:** \$100 - \$249 **Friends:** up to \$99

Checks should be made payable to the INCE Foundation and sent to:

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*Deceased June 9, 2022

2022 INCE Honors and Awards Ceremony Student Winners

Thank you to the following hardworking individuals for their commitment to leading the INCE Foundation Awards Process:

Dana M. Lodico, PE, INCE Bd. Cert. Vice President, Honors and Awards
Andrew R. Barnard, Ph. D., INCE Bd. Cert., CLD Vice President, Student Activities and Education
Tyler Dare, Ph.D., INCE Bd. Cert. Vice President Student Activities and Education

2022 William W. Lang Distinguished Noise Control Engineer Award

Felicia Doggett,
Metropolitan Acoustics

"For her technical and professional accomplishments and work fostering diversity in Noise Control Engineering."



2022 Laymon N. Miller Excellence in Acoustical Consulting Award

Arno Bommer
CSTI Acoustics

"For his long and distinguished record as an acoustical consultant, active participation in professional societies, and strong letters of support, establishing him as a role model and life-long mentor to many colleagues."



2022 Members' Choice Award

Technology for a Quieter America (TQA) Workshops and Reports



Eric Wood,
Acentech



George Maling,
NAE



Robert Hellweg,
Hellweg Acoustics



Adnan Akay,
Bilkent Univ



Greg Fleming,
Volpe

2022 Martin Hirschorn IAC Prize Best Paper Award

"Case study: Noise reduction of a vacuum-assisted toilet"
NCEJ 68(4), 1 July 2020, pp. 294-302(9)
Brigham Young University

Michael Rose, B. Dagan Pielstick, Zach Jones,
Scott Sommerfeldt, Kent Gee and Scott Thomson

2022 Student Paper Competition Awards

- Kyosung Choo, Purdue University
- Dazhuang He, Purdue University
- Zhuang Mo, Purdue University
- Caleb Traylor, University of Massachusetts Lowell
- Edwin Yazbec, Michigan Technological University

2022 Leo Beranek Student Medal for Excellence in Noise Control

Graduate

- Ting-Wei Liu, Purdue University
- Carter Allen Paprocki, Michigan Technological University
- Jack Taylor, Rensselaer Polytechnic Institute
- Sean Collier, The Pennsylvania State University
- Samuel Underwood, University of Nebraska—Lincoln

Undergraduate

- Manya Singh, The University of Texas at Arlington

2022 Hallberg Foundation Award

- Yongjie Zhang, Purdue University

2022 Classic Papers in Noise Control Engineering Presentation Award

Samuel Underwood, University of Nebraska—Lincoln

2022 INCE Honors and Awards Ceremony Student Winners

2022 Michiko So Finegold Award

In memory of our friend, colleague, and contributor to our profession.

- Samuel Underwood, University of Nebraska-Lincoln
- Edwin Yazbec, Michigan Technological University
- Kyosung Choo, Purdue University

2022 INCE Student Scholarship

Sam Underwood,
University of Nebraska

For his strong relevant work experience, interest in architectural acoustics, demonstrated leadership skills and ser-



Technology for a Quieter America (TQA) Workshops



After a several year National Academy of Engineering (NAE) study with a committee chaired by George Maling, the National Academies Press published an NAE consensus study report “Technology for a Quieter America” (TQA) in 2010. (Available at: <https://nap.nationalacademies.org/catalog/12928/technology-for-a-quieter-america>.)

After the NAE 2010 TQA report, the National Park Service asked the NAE to do a consensus study on ways that the National Park Service could reduce noise generated internally on its own land holdings. A committee organized a workshop in 2012 and produced a report titled *Protecting National Park Soundscapes*. This report is available at: <https://nap.nationalacademies.org/catalog/18336/protecting-national-park-soundscapes>

An ad hoc committee was formed to organize other TQA follow-on workshops on a variety of topics of noise control engineering. Twelve other NAE hosted TQA workshops have been held, and reports have been written for the first eleven with financial support from the INCE Foundation. (The report for the 2022 workshop will be published in early 2023.) Copies of the reports are available from the INCE-USA web site: <https://www.inceusa.org/publications/technical-reports/>. The next TQA follow-on workshop is planned in late October 2023 with the topic: Occupational Noise Exposure – Risks and Controls.

In Memoriam George C. Maling, Jr.



Dr. George C. Maling, Jr. a leader in noise control and pioneer of many of the field’s innovations and growth, passed away peacefully on June 9, 2022. George had a long and distinguished career with International Business Machines (IBM) Corp, where he worked from 1965 until 1992 in addition to engaging in significant professional involvement and accomplishments. George is recognized worldwide as an authority on the noise emitted by air-moving devices and on the noise emissions of discrete frequency sources. His apparatus for determining the noise emissions of air moving devices became an international standard and is universally used for noise evaluations.

In 1972, George launched a newsletter, Noise/News and was the managing editor for twenty years, later becoming the magazine of the International Institute of Noise Control Engineering (I-INCE), Noise/News International. He was a co-founder and past-president of the INCE Foundation.

George was a member and Fellow of the Acoustical Society of America (ASA) receiving the ASA Silver Medal for Noise in 1993. He was a life Fellow of IEEE. Dr. Maling was elected to the National Academy of Engineering (NAE) in 1998 and remained active in workshops and projects with the NAE until his death. In 2001 he also received the Institute of Noise Control Engineering of the USA (INCE-USA) INCE Distinguished Noise Control Engineer Award, which was re-named for him in 2018. George’s fifty-year effort to establish noise control as an engineering profession were a family affair with Norah serving as membership secretariat for INCE-USA and her enormous on-going support for the organization. In 2009 George and Norah received the INCE-USA Distinguished Service Medal for their exceptional dedication and service to the Institute.

As co-founder and past-president of the INCE-USA and its managing director for many years, he was instrumental in making the field of noise control engineering a recognized engineering discipline, and, recognized worldwide as an authority on the noise emitted by air-moving devices and on the noise emissions of discrete frequency sources.

INCE FOUNDATION ENDOWMENTS

The Martin Hirschorn IAC Prize

Established in 1999 through an endowment from the New York Community Trust

Noise Control Foundation

Established in 2011

Beranek Family Trust

Established in 2012 by Leo Beranek

Michiko So Finegold Memorial Trust

Established in 2013 by Larry Lawrence Finegold

Elizabeth L. and Russell F. Hallberg Foundation

Established in 2014 by Douglas Winkler

William W. Lang Memorial Endowment

Established in 2018 by Robert W. Lang

Maling Family Charitable Fund

Established in 2020 by George C. Maling, Jr.

CONTRIBUTORS TO THE INCE FOUNDATION

JULY 1, 2021—OCTOBER 31, 2022

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