

*"He was a doctor, a member of a guild,  
a medieval master craftsman.  
..... Teachers be revered.  
For only learning makes us skilled."*

EDMUND B. SPAETH, JR. 2004

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THE EDMUND B. SPAETH ORATION

*Presented by*

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*Thoughts on Developing  
Personalized Care, Ocular Gene Therapy  
and the Translational Pathway*

PAUL A. SIEVING, MD, PhD

Director, National Eye Institute  
National Institutes of Health

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Wednesday, March 22, 2017

at the College of Physicians of Philadelphia

19 South 22nd Street

Lecture: 6:30 PM • Reception: 7:30 PM • Dinner: 8:00 PM

Please R.S.V.P. by February 28, 2017

Black Tie Optional

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Jointly supported through educational grants from the following companies:  
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## SPONSORSHIP LEVELS

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*Edmund B. Spaeth was born and raised near Buffalo, New York State. He served as a field surgeon in the First World War following which he established the Department of Ophthalmology at the Walter Reed Army Medical Center. He came to Philadelphia just before the Great Depression. He was a founder of the American Board of Plastic Surgeons and the American Board of Oculoplastic Surgery, and wrote the first major text on ophthalmic surgery, which became the standard internationally. He was the Chair of the Department of Ophthalmology at Temple University, and later became head of the Ophthalmology Program at the University of Pennsylvania Graduate School of Medicine, and a Chief at Wills Eye Hospital. He was a busy, internationally-respected practitioner and teacher. His life was characterized by energy, fairness, frankness, fearlessness, loyalty, originality, and love of life. He was fully committed to his patients, his students, and his family.*

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## *Paul A. Sieving, MD, PhD*

Dr. Sieving became director of the National Eye Institute, NIH, in 2001. He came from the University of Michigan Medical School where he was the Paul R. Lichter Professor of Ophthalmic Genetics and the founding Director of the Center for Retinal and Macular Degeneration in the Department of Ophthalmology and Visual Sciences. After undergraduate work in history and physics at Valparaiso University, Dr. Sieving studied nuclear physics at Yale Graduate School (1970-73) under D. Allan Bromley, and attended Yale Law School (1973-74). He received his M.D. from the University of Illinois College of Medicine (1978) and a Ph.D. in bioengineering (1981) from the University of Illinois Eye and Ear Infirmary in Chicago. After post-doctoral study of retinal physiology with Roy H. Steinberg (1982-83) at the University of California, San Francisco, he did a clinical fellowship in genetic retinal degenerations with Eliot Berson (1984-85) at Harvard Medical School, Massachusetts Eye and Ear Infirmary. He joined the medical faculty at the University of Michigan in 1985.

Dr. Sieving is known internationally for studies of human retinal neurodegenerative diseases, termed retinitis pigmentosa. His laboratory studies pharmacological approaches to slowing degeneration in transgenic animal models of these conditions. He conducted the first human clinical trial of ciliary neurotrophic factor (CNTF) for retinitis pigmentosa (PNAS, 2006). He developed a mouse model of X-linked retinoschisis (XLRs) and demonstrated successful treatment using gene therapy which restored retinal structure and function. He maintains a clinical practice at NIH for genetic retinal diseases, including Stargardt juvenile macular degeneration. He is currently conducting a human gene therapy trial for XLRs (ClinicalTrials.gov; # NCT02317887).

In his role as director, Dr. Sieving began the NEI Audacious Goals Initiative (AGI), a strategic research effort that aims to regenerate neurons and neural connections in the eye and visual system by the year 2025. Success will mean new approaches to prevent and even reverse vision loss in diseases such as age-related macular degeneration, diabetic retinopathy, and glaucoma.

Dr. Sieving served as Vice Chair for Clinical Research for the Foundation Fighting Blindness from 1996-2001. He is on the Bressler Vision Award committee and is an award jury member for the €1 million annual 'Vision Award' of the Champalimaud Foundation, Portugal. He was elected to membership in the American Ophthalmological Society in 1993 and the Academia Ophthalmologica Internationalis in 2005. He received an honorary Doctor of Science from Valparaiso University in 2003 and has been named among the 'Best Doctors in America' multiple years. He has received numerous awards, including the Research to Prevent Blindness Senior Scientific Investigator Award, 1998; the Alcon Research Institute Award, 2000; and the Pisart Vision Award from the New York Lighthouse International for the Blind in 2005. Dr. Sieving is a member of National Academy of Medicine, USA (elected 2006), the Institute of Medicine (elected 2006) and also of the German National Academy of Science (elected 2013).

# *The Edmund B. Spaeth Oration*

Wednesday, March 22, 2017

*We hope very much that you can come*

Please RSVP by February 28, 2017

Name: \_\_\_\_\_

*(please print)*

\_\_\_\_\_ I will attend the Lecture and Dinner. Ticket(s) at \$160 per person

\_\_\_\_\_ Additional donation to sponsor a Resident, Fellow or Medical Student

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Lecture and Dinner (No Charge)

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Email: [sternritam@gmail.com](mailto:sternritam@gmail.com)

# *The Edmund B. Spaeth Oration*

Wednesday, March 22, 2017

Please RSVP by February 28, 2017

Name: \_\_\_\_\_

\_\_\_\_\_

*(please print)*

***PLEASE SELECT AN ENTRÉE***

\_\_\_\_\_ **Chicken**

Pan Seared Chicken, Pink Peppercorn Pan Sauce,  
French Onion Gruyere Mashed Potatoes, Haricot Vert

\_\_\_\_\_ **Fish**

Roasted Salmon, Lemon Cream Sauce, Fingerling Potato  
Coins, Pears, Celery, and Sautéed Kale

\_\_\_\_\_ **Vegetarian**

Grilled Eggplant Cannelloni, Ricotta & Braised Cauliflower  
Mousse, Sun-Dried Tomato-Basil Beurre Blanc

\_\_\_\_\_ Please advise for any special dietary needs

\_\_\_\_\_

For further details, please contact Rita M. Stern at 484-678-4535

Email: [sternritam@gmail.com](mailto:sternritam@gmail.com)