

Contributions to the George L. and Helen B. Long Science, Technology and Society Endowment in Natural Sciences may be made through the Office of Advancement at Pacific Lutheran University, 12180 Park Ave, Tacoma, WA 98447 or at plu.edu/advancement or by contacting Lauralee Hagen at hagen@plu.edu or 253-535-7203.

If you would like more information and/or to receive email announcements of future Rachel Carson Lectures and other College of Natural Sciences events, please contact Christine Nicolai at nicolacs@plu.edu or 253-535-7400.

2024 RACHEL CARSON SCIENCE,
TECHNOLOGY AND SOCIETY LECTURE

FROM REVOLTING TO REVOLUTIONARY:

HOW POOP HAS TRANSFORMED SCIENCE AND RESHAPED THE WORLD

WITH GUEST SPEAKER BRYN NELSON, Ph.D.

WEDNESDAY, FEBRUARY 21 AT 7PM
CHRIS KNUTZEN HALL



plu.edu/rachel-carson
253-535-7400

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THE RACHEL CARSON LECTURE SERIES

This lecture series honors Carson's life-long love for the natural world; her dedication to science, the environment, and care for all living things; and her tenacious spirit in the face of adversity.

FEATURED SPEAKER DR. BRYN NELSON



Bryn Nelson, PhD, is an award-winning science and medical writer, the author of *Flush: The Remarkable Science of an Unlikely Treasure* (Grand Central Publishing), and a former microbiologist trained in bacterial biochemistry at the University of Washington.

As a science writer at *Newsday* from 2000 to 2007, Nelson wrote frequently about the Human Genome Project, gene therapy, stem cell research, conservation, global warming, ecology, and the West Nile virus. Among his awards, he won first place in the Association of Health Care Journalists Awards for "Saving Bobby," a long-form feature about the race to save a toddler after his father accidentally ran over him.

As a freelance writer, Nelson's bylines have included features on national parks, conservation, and the green building industry for the *New York Times*. He has written extensively about Covid-19 for *The Daily Beast* and *The British Medical Journal*. He initiated the "Frontiers" column on scientific innovation at MSNBC.com (now part of NBCNews.com) and wrote multiple narratives for the online medical magazine *Mosaic*. He has also written for outlets such as *Wired*, *Scientific American*, *CNN Travel*, *Nature*, *New Scientist*, *The Guardian*, *ENSIA*, and *bioGraphic*.

Nelson also edited two chapters on microbiology and food safety for the bestselling six-volume *Modernist Cuisine: The Art and Science of Cooking* (The Cooking Lab) and contributed a chapter to *The Science Writers' Handbook* (Da Capo). He lives in Seattle.

GEORGE (PLU '66) AND HELEN LONG



Dr. George Long graduated from Pacific Lutheran University in 1966 with degrees in both biology and chemistry. He received his Ph.D. in biochemistry from Brandeis University and went on to teach and conduct research in chemistry and biochemistry at Pomona College, the University of Washington and Eli Lilly & Company in Indianapolis. Now

Emeritus Professor of Biochemistry at the University of Vermont, Dr. Long served as Professor of Biochemistry in the College of Medicine from 1986 to 2006.

In 2002, Dr. Long was awarded National Inventor of the year by the National Organization for Intellectual Property. He was elected to the Vermont Academy of Science and Technology in 2003 and was named Distinguished Alumnus at Pacific Lutheran University in 2005.

Dr. Long is the proud father of five daughters. In 2000, George married Helen Seltstedt. Together George and Helen owned and operated a bed and breakfast for 13 years in Burlington, Vermont, where they both remain very active in the community.

Together, the Longs enjoy gardening, bicycling, cooking, travel, and reading and currently spend winters in Arizona. They also enjoy time and activities with their grandchildren.

Past Rachel Carson Science, Technology and Society Lectures:

2017: Dr. Jim Anderson "Science and Politics of Global Climate Change"

2018: Dr. Pamela Ronald "The Case for Engineering Our Food"

2019: Dr. James McLurkin "The Future of Robotics Is Swarms"

2020: Dr. William Foege "Why to Avoid a Life Plan"

2022: Dr. Dayna Baumeister "(Re)Building a Thriving World Mentored by Nature's Genius"