

research associate and then an assistant member. She moved to the University of Kentucky in 1998 and currently holds appointments as professor and chair of the Departments of Microbiology, Immunology, and Molecular Genetics and Internal Medicine, member of the Graduate Faculty, and associate member of the Graduate Faculty for the Clinical Sciences.

Garvy investigates the immune response to the opportunistic fungal pathogen *Pneumocystis* and neonatal immunity to respiratory infections. She has been honored with the John A. Boezi Memorial Alumnus Award from Michigan State University and as a lecturer in the University of Kentucky Dean's Distinguished Lecture Series, at the 11<sup>th</sup> International Workshop on Opportunistic Protists, and the Conference on AIDS-related Mycoses, among others.

*The AAI Distinguished Service Award is presented for outstanding service to the AAI community and the immunology field as a whole.*

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## AAI Distinguished Service Award

*Presented to*

CLINTON B. MATHIAS

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**Clinton B. Mathias, Ph.D.**, Western New England University, is being honored with the 2019 AAI Distinguished Service Award in recognition of his invaluable service to AAI and the immunology community as director of the AAI High School Teachers Summer Research Program in Immunology.

Mathias served as the director of the AAI High School Teachers Summer Research

Program from 2012 to 2018. This program provides support for teachers to conduct research in the laboratories of AAI members for a 4–6 week period during the summer followed by curriculum development. Participating teachers receive a stipend upon successful completion of the program, and support to attend a professional meeting to present their curricula. During his term of service, Mathias provided helpful and consistent feedback on teachers' immunology-based curricula and conference presentations, which was crucial for the success of the program each year. He also provided valuable input and direction to teachers, including reviewing applications from teachers, matching teachers with AAI member mentors for their summer research, reviewing session proposals for professional development conferences, and presenting the program and introducing teachers at conferences. During Mathias's tenure, program teachers started participating in the National Association of Biology Teachers Professional Development Conference, which is a leading conference for life science educators.

Mathias has been an AAI member since 2010 and has previously served AAI as a member of the Education Committee from 2011 to 2017.

Mathias received his B.Sc. in microbiology and biochemistry and M.Sc. in microbiology from St. Xavier's College, University of Mumbai, India. He completed his Ph.D. in biomedical sciences (immunology) from the University of Connecticut Health Center. Prior to joining Western New England University in 2010, he was an instructor at Harvard Medical School and an adjunct faculty member at the Massachusetts College of Pharmacy and Health

Sciences. He was a postdoctoral fellow at Boston Children's Hospital, Harvard Medical School, where he studied mast cell biology, allergic inflammation, and asthma. He is currently an associate professor of pharmacology in the Department of Pharmaceutical and Administrative Sciences at Western New England University.

Mathias's research has identified novel roles for IgE antibodies in the homeostasis of mast cells in experimental models of atopic and occupational asthma. He has studied the role of various immune cells such as natural killer cells in allergic inflammation and contributed to the study of diverse genetic and immune mechanisms underlying asthma. He has received various awards, including the American Association of Colleges of Pharmacy (AACP) Excellence in Innovative Research Award, AACP Walmart Scholars Award, and Western New England University College of Pharmacy Excellence in Service Award.

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## AAI Excellence in Mentoring Award

*Presented to*

HARVEY CANTOR

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**Harvey Cantor, M.D.**, Harvard Medical School and Dana-Farber Cancer Institute, is the recipient of the 2019 AAI Excellence in Mentoring Award, in recognition of his contributions to a future generation of scientists.

Cantor is well-known in the field of T cell biology. He showed that murine T cells were comprised of two major functional

groups—helper and killer T cells—identified by differential expression of Ly antigens. These foundational subsets are now known as CD4<sup>+</sup> helper and CD8<sup>+</sup> cytotoxic T cells. Another of Cantor's legacies is his dedicated and supportive mentorship to over 100 graduate students and postdoctoral fellows. Former lab members have been successful in attaining faculty positions at universities and research institutes, including Dana-Farber Cancer Institute, Harvard Medical School, Tufts University School of Medicine, the University of Michigan, La Jolla Institute for Immunology, Duke University School of Medicine, the University of Texas at Houston, and the Zhejiang University School of Medicine. Other mentees have attained success in industry, with leadership positions at companies such as Sanofi, Bayer, Biodesix-Roche, Qilu-Boston Pharma, and Genocea Biosciences.

Two of Cantor's most compelling qualities as a mentor may be his generosity and collegiality. He continues to mentor and collaborate with his trainees after they leave, supporting them in continuing with projects they developed in his laboratory. Cantor also fosters confidence in his mentees, challenging them to think critically and independently. Mari Shinohara, associate professor at Duke University Medical Center, was inspired by Cantor's ability to make "the lab meetings lively discussions, where everybody could voice opinions freely, while Harvey provided his stellar insights and constructive criticisms. These weekly gatherings became the highlights of our scientific endeavor, as

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