Two Honored At Reno Convention

Dr. Leroy Hood Presented 1998 NABT Distinguished Service Award

Pioneer. The word embodies adventure, innovation and leadership. In all of these ways, **Dr. Leroy Hood** is a true pioneer in science, technology and education. He is also a leader in bringing science to society, with a special focus on the ethical challenges presented us by modern science. Whether making fundamental discoveries in molecular immunology, developing tools for automated sequence analysis of DNA and proteins, or sharing his love of science with elementary school children, Dr. Hood is truly a servant to his professional and public communities.

Leroy Hood is the William Gates III Professor of Biomedical Sciences and Chairman of the Department of Molecular Biotechnology at the University of Washington School of Medicine. He also serves as Director of the National Science Foundation Science and Technology Center at the School of Medicine. Dr. Hood graduated from the California Institute of Technology. He then earned an M.D. from Johns Hopkins University before returning to Caltech to complete his Ph.D. in 1968. He went on to a distinguished career on the faculty at Caltech before moving to Washington in 1992.

Dr. Hood's research contributions cut across the forefronts of molecular biology, from molecular recognition and autoimmune diseases to large-scale mapping techniques for DNA polymorphisms. His team has developed powerful new semi-automated techniques for gene mapping with throughputs of 1,000 samples per day. He applies these techniques to model autoimmune diseases in mice to define the T-cell repertoires responsible for the diseases. He uses understanding of the mouse models to attack problems of human autoimmune diseases, including rheumatoid arthritis and allergies. His research group also uses large-scale DNA arrays to analyze RNA expression patterns to study the developmental biology of T-cells and hematopoietic cell lines. As a central part of the new wave of human genomics and molecular medicine, his additions to our understanding of disease process and diagnosis will usher in nothing short of a revolution in medical diagnosis and treatments during the next 25 years.

Dr. Hood's contributions go far beyond the research laboratory. He is an effective communicator of science who can share the knowledge, the excitement and the challenges of science in society with many different audiences. Whether giving distinguished lectures to colleagues at Rutgers University, sharing his laboratory with high school students, or helping non-scientists struggle with ethical decisions about our new molecular genetic knowledge and how best to use it in service to society, Dr. Hood brings clear thinking and clear speaking to bear on critical issues in science and society.

Many others have recognized Dr. Hood's contributions. He is an elected member of the National Academy of Sciences and the American Academy of Arts and Sciences. He has received six honorary Doctor of Science degrees, and Johns Hopkins awarded him a Doctor of Humane Letters in addition to a University Distinguished Alumnus Award for "changing how diagnoses are made and opening the doors for miracles in treatments and cures." Among such other awards as the Louis Pasteur Award for Medical Innovation and the Commonwealth Award, Dr. Hood received the 1987 Albert Lasker Basic Medical Sciences Research Award, one of the most prestigious awards in biomedical science. Continuing this tradition of honoring scientific excellence in service to education and society, the National Association of Biology Teachers is proud and honored to present Dr. Leroy Hood the 1998 Distinguished Service Award.

Ivo E. Lindauer Named 1998 Honorary Member

With great pride and satisfaction, the National Association of Biology Teachers is pleased to recognize Professor **Ivo E. Lindauer** with the 1998 Honorary Membership award for distinction achieved in teaching, research and service to the biological sciences. This is the highest award presented by NABT and it is richly deserved by Professor Lindauer.

For over thirty-six years, Professor Lindauer has been an outstanding member of the biology faculty at the University of Northern Colorado. During this time he has taught numerous, highly regarded courses in biology, ecology and science education. His students remember him as a wonderful teacher, a kind friend, a warm listener and a great advisor. Much of his effort has been directed toward promoting the professional training, growth and development of biology teachers and he played an important role in developing the Ph.D. program in biology education at the University. Professor Lindauer has also conducted productive research in flood plain and wetland ecology, wildlife habitat evaluation, ecosystem modeling and science teaching. He has published many research articles and given numerous professional presentations on his research in biology and science education. He has conducted workshops at NABT and other meetings on many topics, including profiles of public school biology teachers in the U.S. and strategies to deal with students "turned off" to biology. Professor Lindauer has received several grants, including support from the Colorado Division of Wildlife for assessment of the Piceance Basin remote sensing vegetation data base. In addition, he has served as a professional consultant to several organizations and was a program director from 1992 through 1994 at the National Science Foundation.

Professor Lindauer is a life member of NABT and has faithfully and effectively served the association in numerous roles, including president of the four-year college section, convention chairman, and, in 1993, president of the association. His continual support of NABT has helped us grow and prosper.

Professor Lindauer's career has been distinguished by his ongoing dedication to advancing biology education and by his efforts to improve the teaching of biology at all levels. Educators across the nation have been positively affected by his passion for the teaching of biology. No member deserves this highest honor more than our good colleague, mentor and friend, Professor Ivo Lindauer.