

# Third Annual Jeremiah Sullivan Memorial Lecture

## "The Growing Danger of Nuclear Weapons and How We Can Reduce It"

Open to the Public  
Thursday, May 5th, 2022  
Time: 6–7pm  
Room 141 Loomis Lab  
1110 W Green St, Urbana

## Prof. Fred Lamb

Fred Lamb is the Brand and Monica Fortner Chair of Theoretical Astrophysics Emeritus and a core faculty member in the Arms Control and Domestic & International Security Program at the University of Illinois. As an expert on space policy, ballistic missiles and missile defenses, and the technical aspects of nuclear test bans, he has been a consultant to the Defense Department, national laboratories, and Congressional committees.



Today's nuclear arsenals pose enormous risks for all humanity. Many agreements that reduced the threat of nuclear weapons have recently been abandoned, and some are advocating spending enormous additional resources on acquiring new nuclear weapons. The threat that nuclear weapons might be used has increased and we face a renewed nuclear arms race with potentially catastrophic consequences. Historically, scientists and especially physicists have played a critical role in helping citizens and decision makers understand the threat posed by nuclear weapons and what can be done to reduce the threat. I will explain the growing nuclear crisis and describe a new project sponsored by the American Physical Society to inform, engage, and mobilize students and faculty, especially physical scientists and engineers, to reduce the nuclear threat.