Olufunmilayo Olopade, Walter L. Palmer Distinguished Service Professor of Medicine and Human Genetics at the University of Chicago, epitomizes the “bench to bedside” philosophy in her application of scientific discoveries to clinical medicine and has seamlessly parlayed her findings into clinical applications. She has national and international recognition as a physician scientist. As a hematologist/oncologist, she specializes in cancer risk assessment, prevention, early detection, and treatment of aggressive breast cancer that disproportionately affects young women. Olopade grew up in Nigeria and earned her M.D. at the University of Ibadan. She completed her internship and residency at Chicago’s Cook County Hospital and was a postdoctoral fellow at the University of Chicago. She is a recipient of the James S. McDonnell Foundation Scholar award, the Doris Duke Distinguished Clinical Scientist award, and a 2005 MacArthur Fellowship “genius” grant.