



Northwestern University's Interdisciplinary Committee on Evolutionary Processes (ICEP)

## 2008 Darwin Lecture Series

presents

# Dr. Christopher F. Chyba

### **The Search For Extraterrestrial Life: Prospects and Responsibilities**

Monday, April 28, 2008, 6:00 PM

Pancoe-ENH Abbott Auditorium, Pancoe-ENH Life Sciences Pavilion  
2200 Campus Drive, Evanston Campus

Christopher F. Chyba is Professor of Astrophysical Sciences and International Affairs at Princeton University

Human civilization is searching for extraterrestrial life in four ways: spacecraft searches from orbiters and landers on other bodies in our solar system; the examination of samples from these bodies in laboratories on Earth; the analysis of other planets' atmospheres for clues of the presence of alien biospheres; and the search for extraterrestrial intelligence (SETI) through radio and other searches for extraterrestrial technology. None of these techniques is yet well developed but each will become more important in the coming decades. This talk will try to describe what we already know, what we think we know, and what we don't know, and discuss some of our responsibilities as the search continues.



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