



Aliens On Earth.com

Resources for those who are stranded here



Our Bookstore is **OPEN**

Over 5000 new & used titles, competitively priced!

Topics: [UFOs](#) - [Paranormal](#) - [Area 51](#) - [Ghosts](#) - [Fortean](#) - [Conspiracy](#) - [History](#) - [Biography](#) - [Psychology](#) - [Religion](#) - [Crime](#) - [Health](#) - [Geography](#) - [Maps](#) - [Science](#) - [Money](#) - [Language](#) - [Recreation](#) - [Technology](#) - [Fiction](#) - [Other](#) - [New](#)

Search... for keyword(s)

in Page Titles

Location: [Mothership](#) -> [UFO](#) -> [Updates](#) -> [1998](#) -> [May](#) -> **Re: NASA Announces Astrobiology Institute**

UFO UpDates Mailing List

Re: NASA Announces Astrobiology Institute

From: [Stig Agermose@online.pol.dk](mailto:Stig.Agermose@online.pol.dk) (Stig Agermose)
Date: Tue, 19 May 1998 04:19:57 +0200
Fwd Date: Tue, 19 May 1998 08:04:00 -0400
Subject: Re: NASA Announces Astrobiology Institute

Just released.

Stig

NASA announces astrobiology institute

United Press International - May 18, 1998 17:09

UPI Science News

ATLANTA, May 18 (UPI) - The head of the National Aeronautics and Space Administration pledges \$9 million for a "virtual" Astrobiology Institute to help study life in outer space.

At the annual meeting of the American Society for Microbiology in Atlanta, Daniel Goldin says Monday NASA also will pump more funds into programs to study how to keep astronauts alive and healthy in long trips to the planets; how to determine what forms of life exist on other planet and how to keep humans from contaminating alien worlds.

Goldin admits that until recently NASA has not committed much effort to the microbiological search for life in the universe, but now he says, "Biology is essential to what we do."

Rita Colwell, professor of microbiology at the University of Maryland and the designated director of the National Science Foundation, "Previously, NASA has concentrated on human health aspects of space exploration. Now NASA is showing its seriousness in using microbiology to understand what life in space might be like."

Goldin says the astrobiology institute will not be made of brick and mortar, but will connect experts around the country via the Next Generation Internet, putting specialists in touch in a virtual world. He says he expects the scientists to help NASA get humans to the planets.

Goldin says spacecraft will have to become mini-ecosystems, utilizing microbes to create a self-sustaining environment for space trips that can take years. Goldin says biologists will be necessary to figure out how to prevent bone loss in space.

He said, "Astronauts lose about 1 percent of bone a month in space." He said that type of bone loss is unacceptable in a space journey to Mars

that will keep astronauts in space for three years. He says microbiologists are going to have help select specimens on the planets; figure out how to get samples back to Earth without contaminating the rocks and how to prevent life forms on or in those specimens from contaminating earth.

Goldin says that for too long NASA has relied too much on telescopes and not enough on microscopes. He says, "We need telescopes and microscopes to explore the universe."

--

Copyright 1998 by United Press International
All rights reserved

--

[[Next Message](#) | [Previous Message](#) | [This Day's Messages](#)]
[[This Month's Index](#) | [UFO UpDates Main Index](#) | [MUFON Ontario](#)]

UFO UpDates - Toronto - updates@globalserve.net
Operated by Errol Bruce-Knapp - ++ 416-696-0304

A Hand-Operated E-Mail Subscription Service for the Study of UFO Related Phenomena.
To subscribe please send your first and last name to updates@globalserve.net
Message submissions should be sent to the same address.

[[UFO Topics](#) | [People](#) | [Ufomind What's New](#) | [Ufomind Top Level](#)]

To find this message again in the future...
Link it to the appropriate [Ufologist](#) or [UFO Topic](#) page.

Archived as a public service by [Area 51 Research Center](#) which is not responsible for content.
Software by Glenn Campbell. Technical contact: webmaster@ufomind.com

Financial support for this web server is provided by the [Research Center Catalog](#).