# SAS Honors Seminar 259: Extraterrestrial Life

11/10/2008

### GBT remote observing this evening

When: 10:30-12:00 tonight

Where: Serin Lab 309W

(Busch campus)

**Who: Baker + ???** 

How: Go to doors at west end of Serin (across the street from ARC) and call any time between 9:30 and 10:15. I will come down and let you in.



### Mid-term project: all options

What were the most time-consuming parts of the project?

What were the most educational aspects of the project?

What were the most enjoyable aspects of the project?

Did you find that you were frustrated by the data? by the software? by the open-endedness of the assignment?

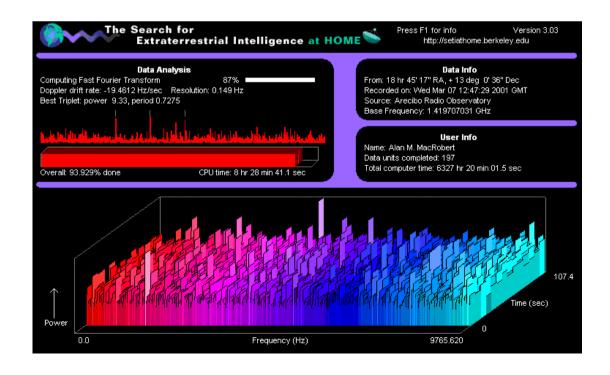
### Reading for Wednesday (11/12)

Bennett & Shostak 12.3 – SETI

(Search for Extraterrestrial Intelligence)

Alexander & Anderson (2007) and Alexander (2008):

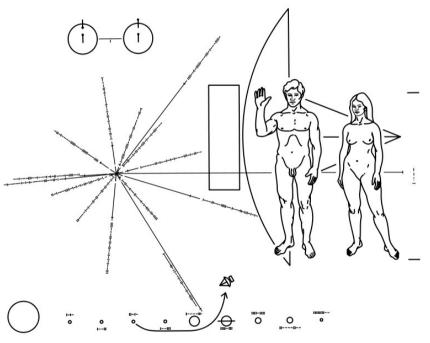
SETI@home and a new search strategy

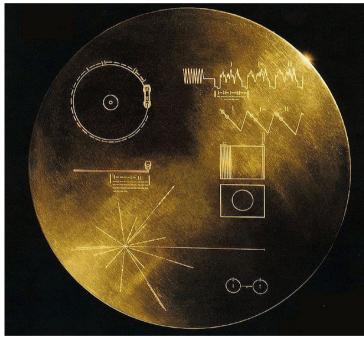


## Sending messages to the cosmos?

#### **Electromagnetic...** and physical!







Pioneer 10 & 11 plaques

Voyager 1 & 2 records

Arecibo message

### Due next Monday (11/17)

#### Response paper #9:

The Arecibo Message, the *Pioneer* Plaques, and the *Voyager* Golden Records are three examples of deliberate efforts to communicate with extraterrestrial civilizations. Assess the effectiveness of one or more of these communications, and describe what information you feel our next such electromagnetic of physical message to the cosmos should contain.

### End-of-semester scheduling

#### **Currently on the agenda:**

11/24 Final selection of "student choice" topics.

Last response paper due.

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12/3 Class 26: "the Drake Equation, revisited"

Topic, scope, draft reference list for term paper due.

(Note: term paper is now 10-15 double-spaced pages!)

12/8 Class 27: student choice #1

12/10 Class 28: student choice #2

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12/22 Term paper due.

#### Possible alternate schedule

#### **Currently on the agenda:**

11/24 Final selection of "student choice" topics.

Last response paper due.

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12/3 Class 26: student choice #1

Topic, scope, draft reference list for term paper due.

(Note: term paper is now 10-15 double-spaced pages!)

12/8 Class 27: student choice #2

12/10 Class 28: three-way discussion of the Drake equation

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12/22 Term paper due.