



Unknown
Our Lord's Candle (*Yucca whipplei*), Lakeview Mountains, 22 Apr 2006
Smugmug.com



Unknown

<http://www.rootsweb.com/~usgenweb/mn/stearns/postcards/quarry.jpg>



Stone Bridge over Bull Run
<http://www.virginiaplaces.org/vagupnova/mnbp.html>



Millau Viaduct, France
http://www.coolhunting.com/images/millau_viaduct.jpg



FAB TREE HAB

Massachusetts Institute of Technology
Team H.E.D. [Human Ecology Design]

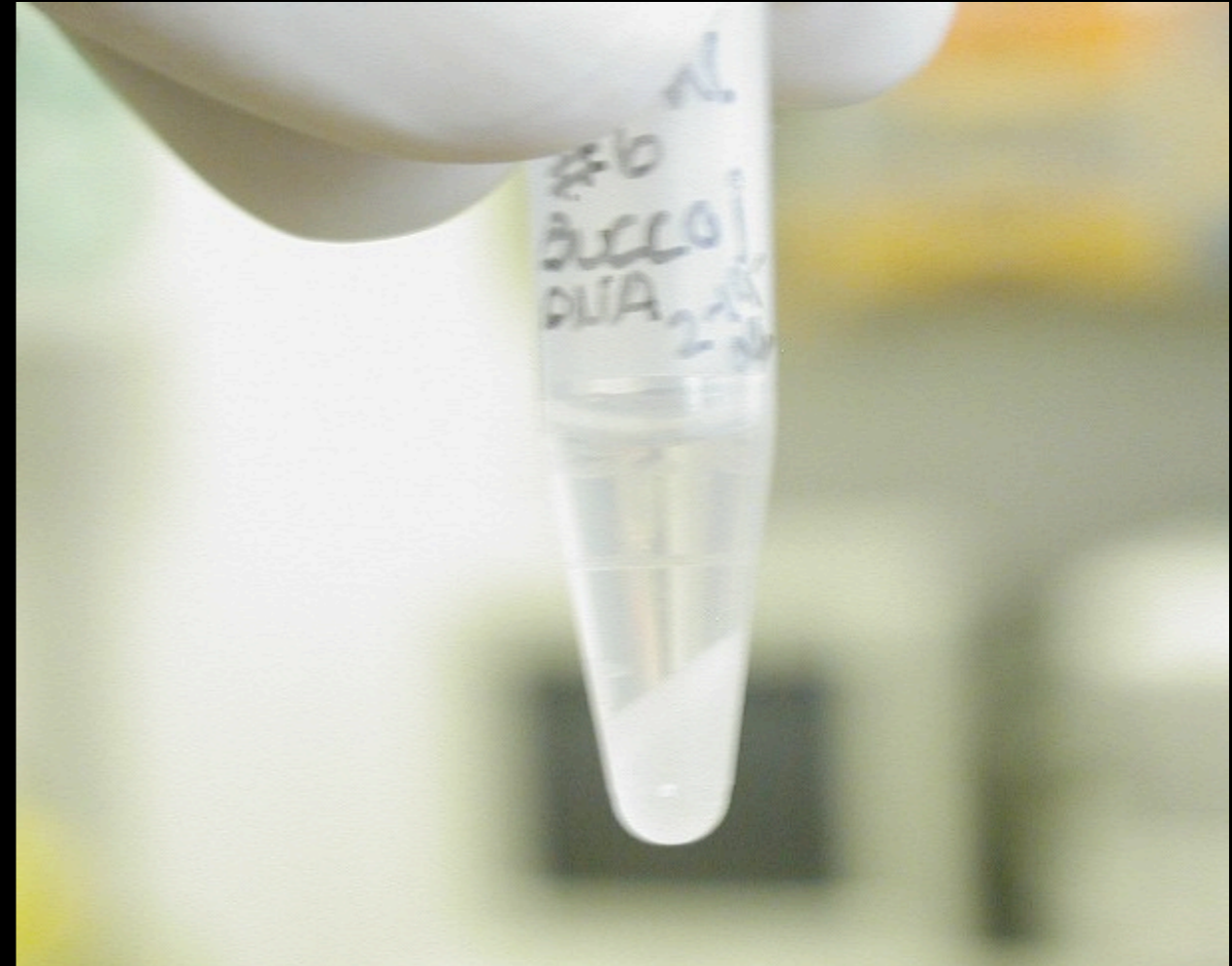
Mitchell Joachim, Ph.D.

Lara Greden, Ph.D.

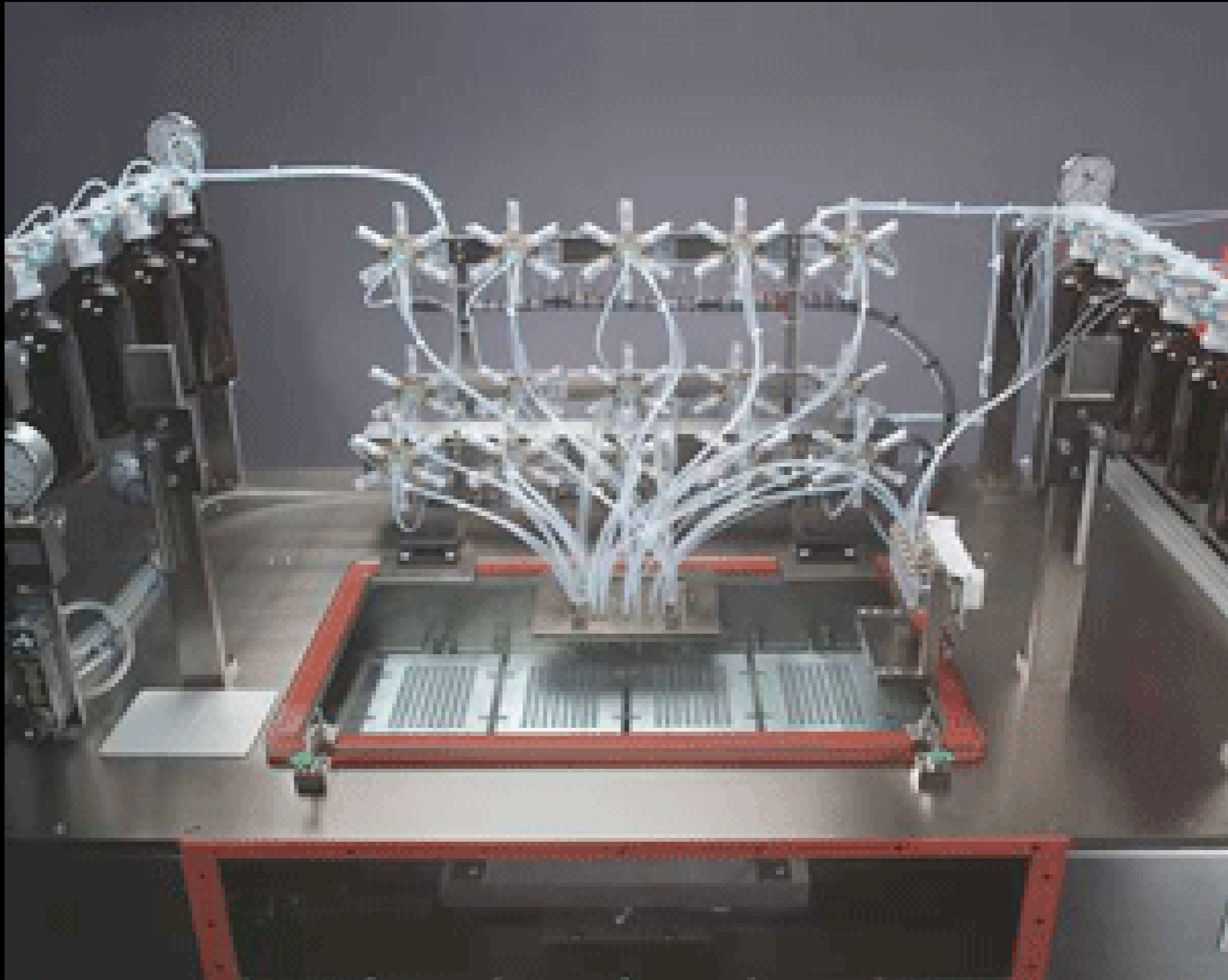
Javier Arbona, SMArchS.



Automated Construction







Date: July 31, 2007 11:07:17 AM EDT

Dear Professor Endy,

My name is Ben Gordon, and I was formerly a post-doc in Ernest Frankel's lab. You and I met informally a few years ago.

After finishing my work with Ernest, I joined Agilent Technologies in 2005, where I am now part of the R&D collaborations group. Our objective is to work with scientific researchers to build research collaborations in areas of common interest.

Specifically, our group has a growing interest in Synthetic Biology, because of the potential connection to our OLS ("oligo library sythesis") products. Currently, we can generate libraries of up to 55,000 unique oligos of 200 bases in length, and we expect to be able to generate a library with up to a million unique high-fidelity oligos in the coming months.

I would very much like to meet with you to discuss the potential for mutually beneficial research projects. If you are available, I could visit you at MIT as early as this week, or a different time at your convenience.

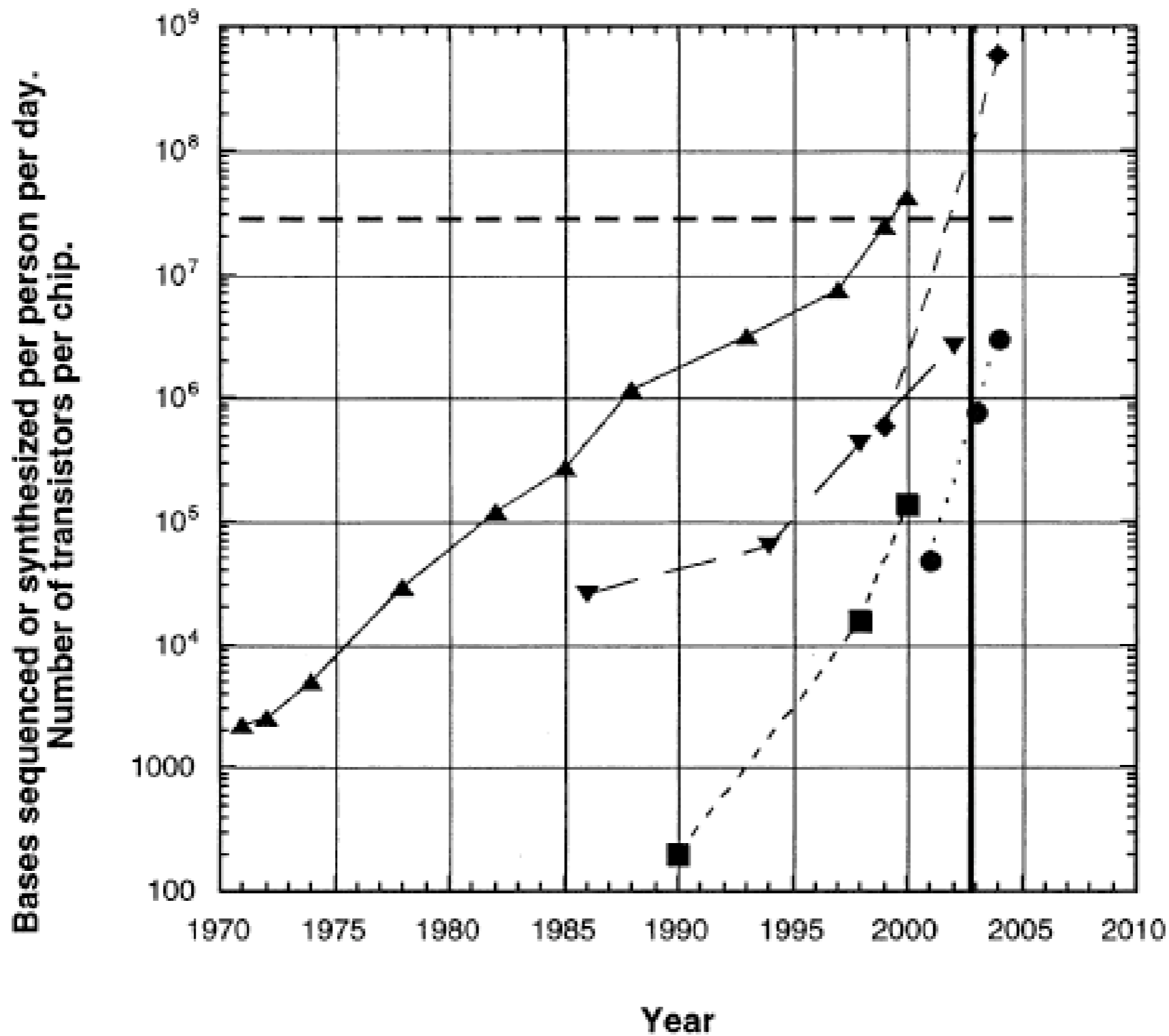
Yours very truly,

-Ben Gordon
617-666-5013
Agilent Technologies

Productivity Improvements in DNA Synthesis and Sequencing

(as of October, 2002)

- ▲— Number of transistors per chip
- ▼— ABI sequencers
- ◆— Pyrosequencing
- ABI synthesizers
- Egea GeneWriter
- - E Coli DNA Polymerase III



How exactly does
DNA synthesis work?

Coupling efficiency?

How do you build genes?