The Public Place in Personal Genomics

M.D.’s, Ph.D’s, M.D. Ph.D.’s & me

- Confirmed speakers for the event include:
- Bradley Bernstein, M.D., Ph.D.
- Richard Lifton, M.D., Ph.D.
- Lynda Chin, M.D.
- Daniel Kastner, M.D., Ph.D.
- Francis Collins, M.D., Ph.D.
- Amy McGuire, J.D., Ph.D.
- Sean Eddy, Ph.D.
- Maynard Olson, Ph.D.
- Amy Harmon
- David Page, M.D.

- A Decade Later, Genetic Map Yields Few New Cures
- By NICHOLAS WADE
- Published: June 12, 2010

- Ten years after President Bill Clinton announced that the first draft of the human genome was complete, medicine has yet to see any large part of the promised benefits.
- **The Genome at 10**
- *First of Two Articles*
- For biologists, the genome has yielded one insightful surprise after another. But the primary goal of the $3 billion Human Genome Project — to ferret out the genetic roots of common diseases like cancer and Alzheimer'sand then generate treatments — remains largely elusive. Indeed, after 10 years of effort, geneticists are almost back to square one in knowing where to look for the roots of common disease.
- One sign of the genome's limited use for medicine so far was a recent test of genetic predictions for heart disease. A medical team led by Nina P. Paynter of Brigham and Women's Hospital in Boston collected 101 genetic variants that had been statistically linked to heart disease in various genome-scanning studies. But the variants turned out to have no value in forecasting disease among 19,000 women who had been followed for 12 years.

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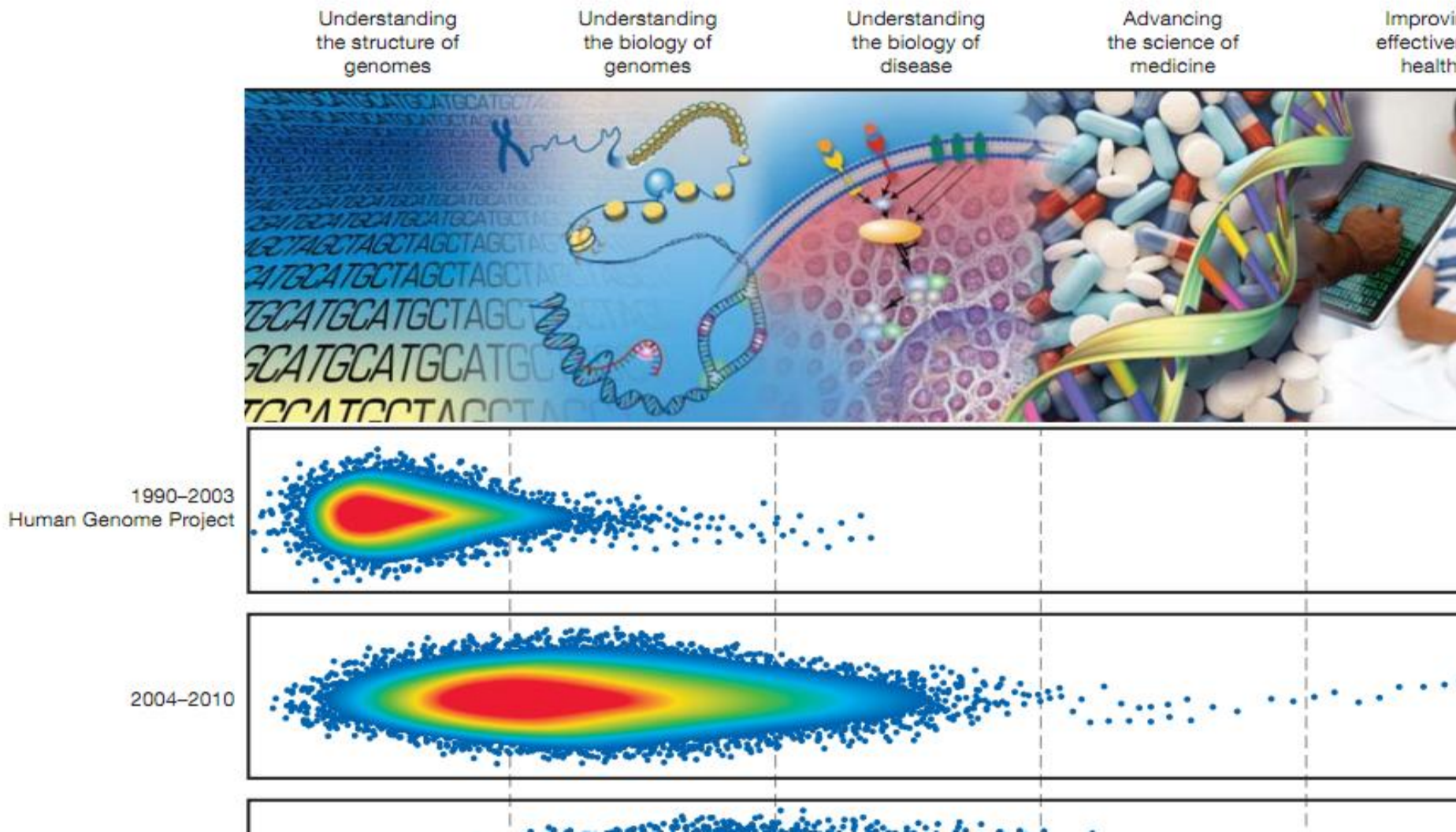

“Community Perspectives”

Do scientists and the public live in different communities?

You talk about the scientific community coming together around the Human Genome Project

Can we merge?

THE DNA AGE

After DNA Diagnosis: 'Hello, 16p11.2. Are You Just Like Me?'

Samantha Napier, 14, left, and Taygen Lane, 4, share a rare genetic mutation.

Why bother??

THE DNA AGE

After DNA Diagnosis: 'Hello, 16p11.2. Are You Just Like Me?'

Samantha Napier, 14, left, and Taygen Lane, 4, share a rare genetic mutation.

Katharine Moser – tested positive for Huntington's gene mutation

People take genomics personally

- Americans' Concern about the Privacy of Their Genetic
- Information Reaches New High
- Cambridge, Mass., January 10, 2011 - A report just released by Cogent Research, in
- partnership with CAHG, reveals that Americans are more concerned than ever about
- the privacy of their genetic information. Furthermore, this concern is increasingly
- inhibiting the likelihood that they will consider having a molecular diagnostic test.
- These and other findings are explored in more detail in the 5th
- edition of the Cogent
- Genomics, Attitudes & Trends study (CGAT™ 2010).
- The CGAT™ study, based on a nationally representative survey of 1,000 Americans,
- reveals that the proportion of Americans who are concerned about how their genetic
- information would be stored and who would have access to that information, has
- climbed from 65% in 2006 to an all-time high of 71% in 2010.

Carletta Tilousi, Havasupai Tribe

“Help!!! The Gov’t Has My DNA”

Who, what why when & how?

"Conducting public outreach.

Education programmes are needed to promote lifelong public understanding and awareness of the role of genomics in human health and other areas."

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EDITORIAL:

Making Data Maximally Available

Hanson, et al.

Science 11 February 2011: 649.

DOI:10.1126/science.1203354

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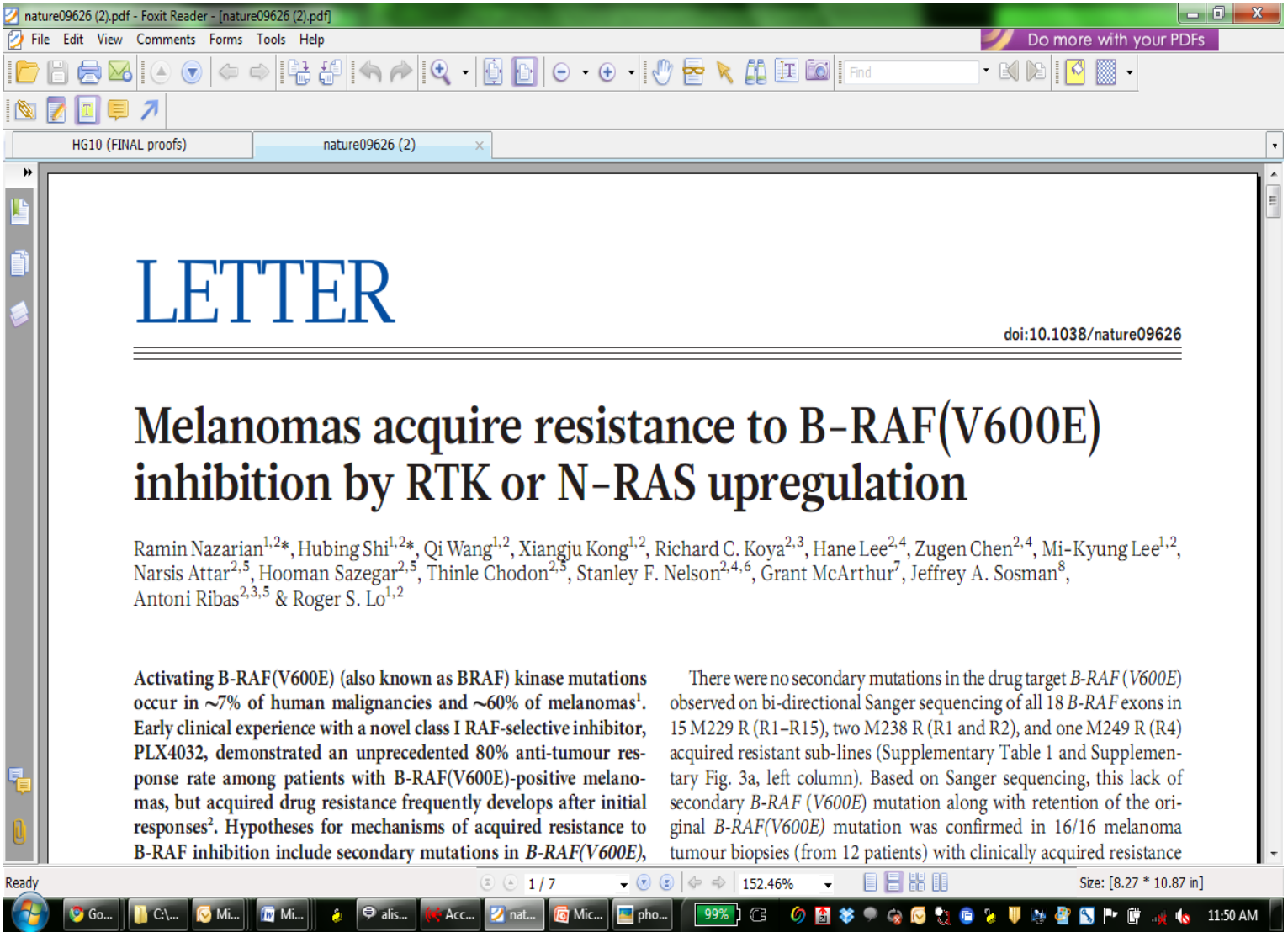
Kerri Adams: BRAF-positive melanoma

Randy Williams

Mark Bunting

B-RAF resistance paper in Nature



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