Genomics, Graduate Medical Education, and the ACGME

(in 10 minutes or less!)

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Declaration

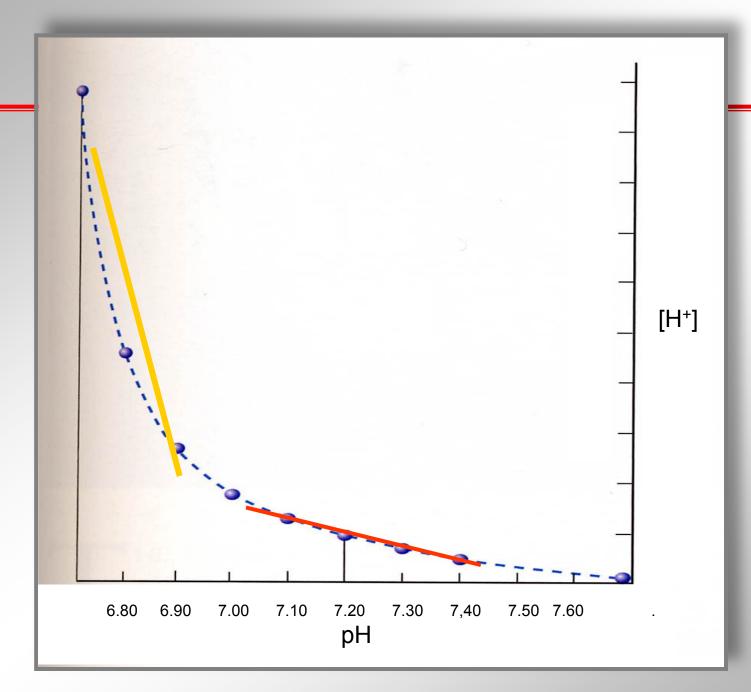
No conflicts of interest to report



\$1,000 Genome Sequencing and the Advent of Personalized Genomic Medicine

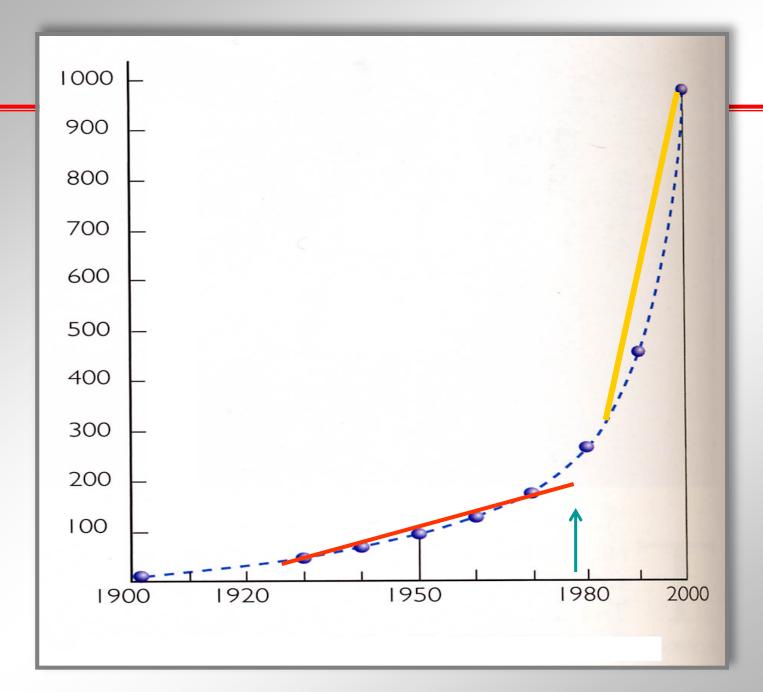






ACGME

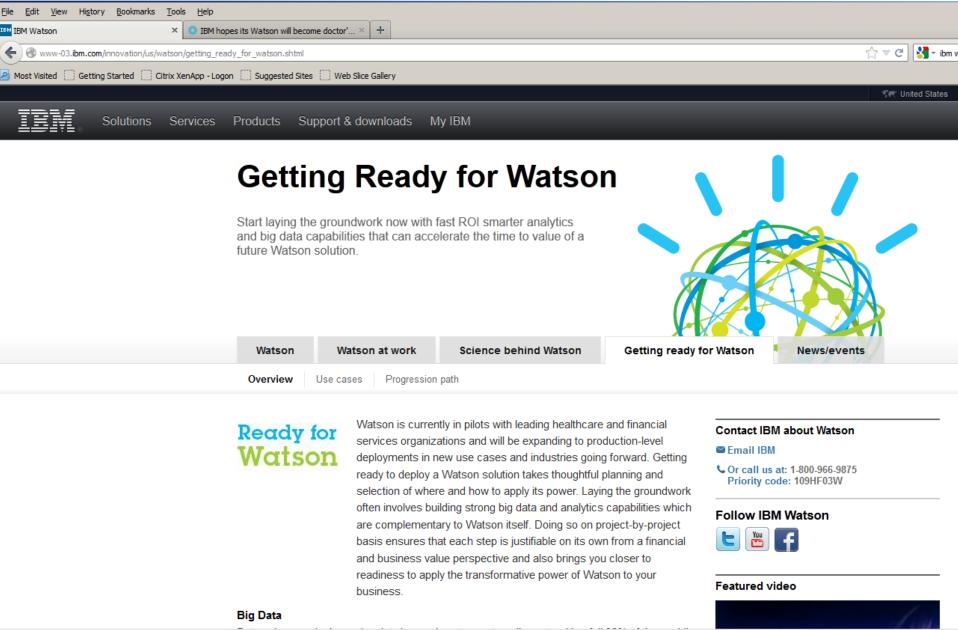
Hawking, S. The Universe in a Nutshell. 2001, Modified by Nasca, TJ





Hawking, S. The Universe in a Nutshell. 2001

Are We Getting Ready for Watson?





















































\$1,000 Genome Sequencing and the Advent of Personalized Genomic Medicine





The Challenge

"Chicken or Egg"

 Can you teach specialty based genomics if it is not practiced in the teaching setting?

 The Chicken needs to come first, or at least shortly before the Egg



The Incremental Faculty Development Imperative

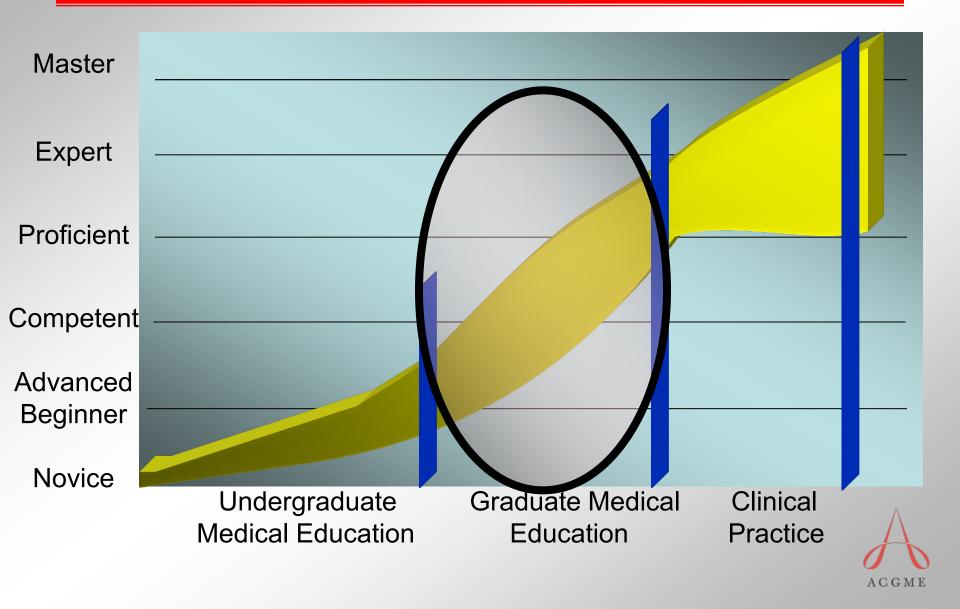
- The Quality and Safety Imperative
- Informatics
- Genomics
- Patient Centered Care
- Refinement of Teamwork in Microsystems of Care
- The Education/Evaluation Imperative



The Simultaneous Multipronged Intervention

- College and Specialty Society multipronged educational effort aimed at the practitioner, and the related Residency/Fellowship Program Director Society
- ACCME Encouragement of Genomics Education
- ACGME Specialty Based Standards approach to "heightening interest" in faculty development efforts in teaching institutions
 - Nominating Organizations' emphasis on genomics in nominees

Define the Milestones in the Development of Clinical Proficiency in Genomic Medicine in Each Specialty



The Simultaneous Multipronged Intervention

 ABMS Certifying Board incorporation of Genomic principles in Initial Certification and Maintenance of Certification Processes

 FSMB incorporation of Genomic principles in Maintenance of Licensure Processes



Uncertainty

"The Future ain't what it used to be!"



Yogi Berra

New York Yankees Catcher, Philosopher



Optimism

"What lies behind us and what lies before us are tiny matters compared to what lies within us."

Oliver Wendell Holmes



Thank You

