

# Introductory Remarks: Personalized Medicine Conference

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BRIGHAM AND  
WOMEN'S HOSPITAL



CENTER FOR PERSONALIZED  
GENETIC MEDICINE



HARVARD  
MEDICAL SCHOOL



MASSACHUSETTS  
GENERAL HOSPITAL

# Attendance History of the Personalized Medicine Conference 2005-2009

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- 2005 -- 237 attendees
- 2006 – 287
- 2007– 441
- 2008 – 443
- 2009 -- 601

# What are we called?

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- Partners Center for Personalized Genetic Medicine
- PCPGM
- Partners Genetics

# Who Are We and What is our Mission?

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- 90 faculty and staff of MGH/BWH/Partners Health Care whose mission is to advance translational genetics and genomics across the Partners Health Care System through research and its application to the clinical care of patients

# How are we organized?

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- Laboratory for Molecular Medicine
- Core Laboratories
- Translational Genetics/Genomics Projects led by Partners investigators leveraging the electronic medical record
- Robust, flexible, IT infrastructure with strong bioinformatics and statistics

# What is personalized medicine?

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Personalized medicine is the application of genomic or molecular data to better target health care delivery

# Essentials of Personalized Healthcare

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- An electronic medical record
- A personalized health plan
- Physician access to decision support tools
- Personalized treatments
- Personal genomic data available for clinical use
- Personal clinical information available for research

*Personalized healthcare: Pioneers, Partnerships, Progress; Nov 2008:pp11-12 report of the Sec of HHS*

# Key LMM Statistics

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Year	Tests	Geneticists	Genetic Counselors
2003	12	1	1
2004	258	2	1
2005	829	2	1
2006	1656	3	1
2007	2501	3	2
2008	3914	3	2
2009 (up to Nov 17)	4578	3	2