

Connecticut Health Data Collaborative Working Group (CHDC)

**Permanent Commission on Economic
Competitiveness**

Representative William Tong and Joe McGee, Co-Chairs

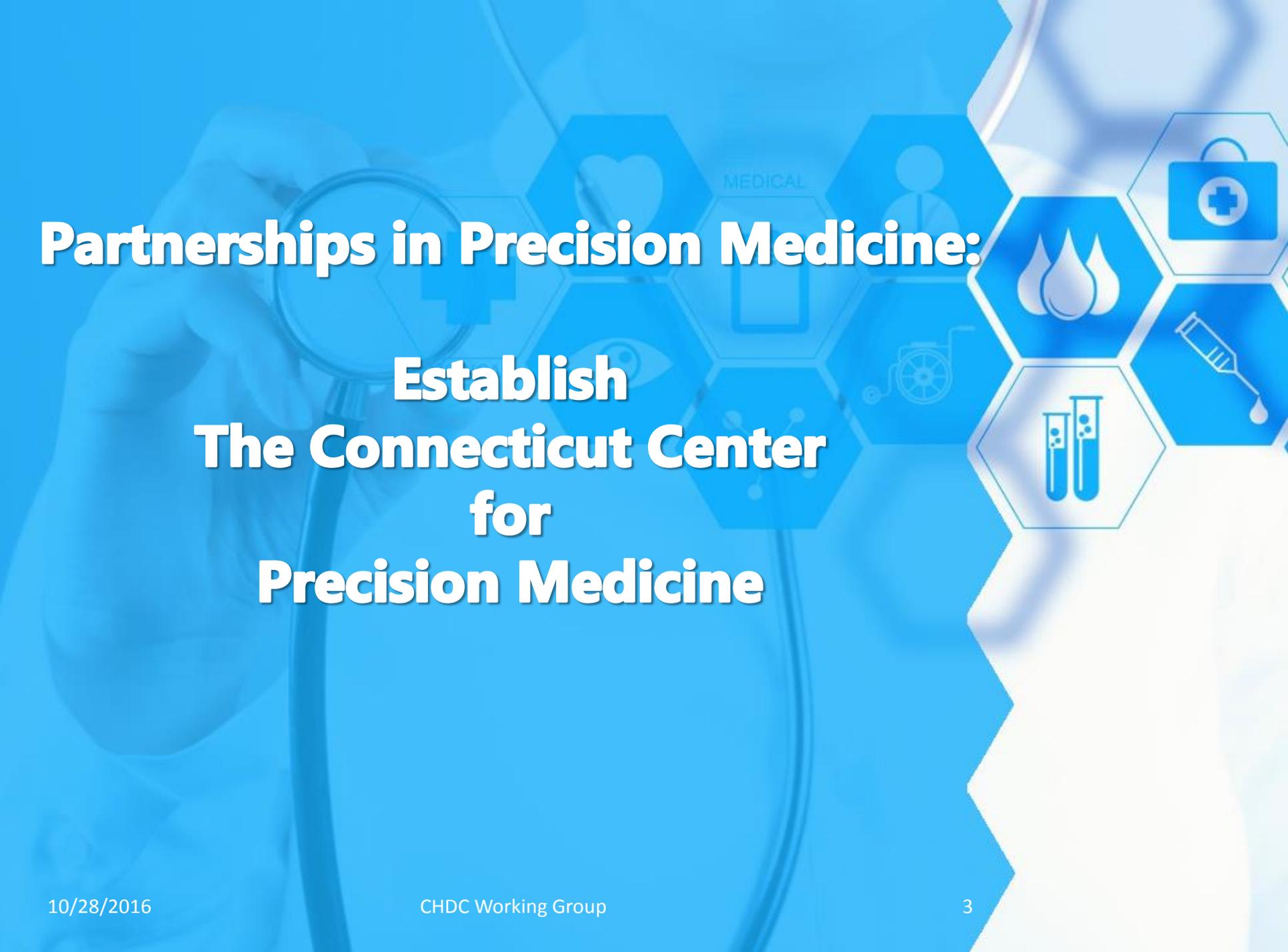
October 28, 2016

Host: Todd Arnold, Mount Sinai

Place: The Blackstone Library, Branford

Plan for the Day

- **Welcome**
- **Introduction: Todd Arnold**
- **Update on Precision Medicine Initiative:**
 - **Opportunities for Expanding Partnerships**
Dr. Murat Gunel, Yale
- **Genomic Counseling:**
 - **Judy Brown**
UCONN, Department of Allied Health Sciences
- **Developing the Health Informatics|Analytics Pipeline:**
 - **Tom Agresta, UCHC**
- >**BREAK**<
- **Updates on Key Economic Development Drivers**
- **Other?**
- **Next Steps**



Partnerships in Precision Medicine:

Establish The Connecticut Center for Precision Medicine

Existing Models

**Measure
Outcomes**

**Build
Infrastructure to
Maximize
Synergies**

**Center for
Precision
Medicine**

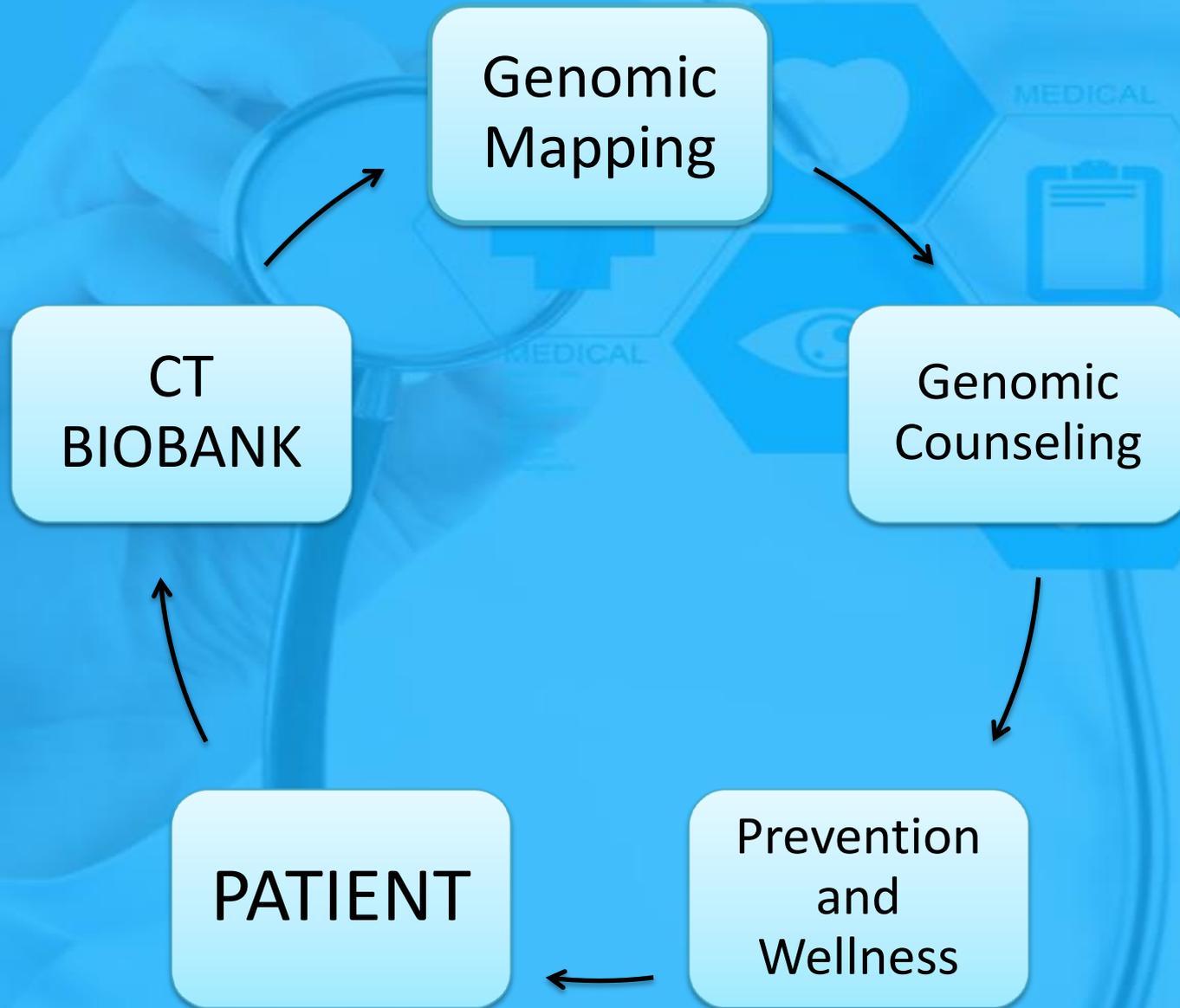
**Integrate
Precision
Medicine into
Patient Care**

**Effectively
Communicate
with Public and
Users**

Partners

- **Research Organizations**
- **Health and Service Providers**
- **Insurance Co's**
- **Bioscience Companies**
- **Counseling Centers**

CT Center for Precision Medicine



Focus on Genetic Counseling:

Judy Brown, PhD, CG(ASCP)^{CM}, MB(ASCP)^{CM}

Director, Health Care Genetics Professional Science Masters Degree Program <http://healthcaregenetics.uconn.edu/>

Director, Diagnostic Genetic Sciences Program <http://alliedhealth.genetics.uconn.edu/>

Associate Professor in Residence

Office: 220 Koons Hall | Phone: 860-486-6381 | judy.brown@uconn.edu

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Co-Director, UConn Chromosome Core

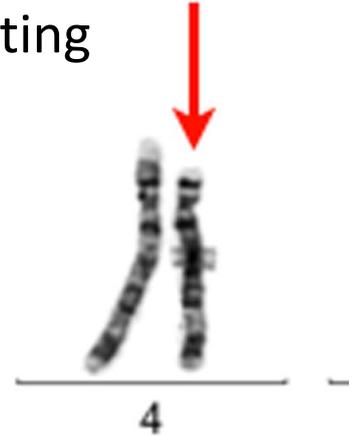
• <http://stemcellcore.uhc.edu/>

• <http://cgi.uconn.edu/>

UConn
Department of Allied Health Sciences

Diagnostic Genetic Sciences Professional Program

- ✓ DGS is the evaluation of chromosomes and DNA
- ✓ Competitive educational and training program in genetic testing
- ✓ Includes Cytogenetics and Molecular diagnostics
- ✓ Bachelors Degree or Post-Baccalaureate Certificate
- ✓ 1st and Largest Program in N. America
(CG= GA, TX, MI) (DMS = MI, NY, TXx3, NC, KS)
- ✓ Program includes 6-month internship *and* research
- ✓ National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)
- ✓ ASCP certification eligibility
- ✓ UConn program that prepares highly qualified laboratory professionals for the demands of the expanding genetics and genomics workforce

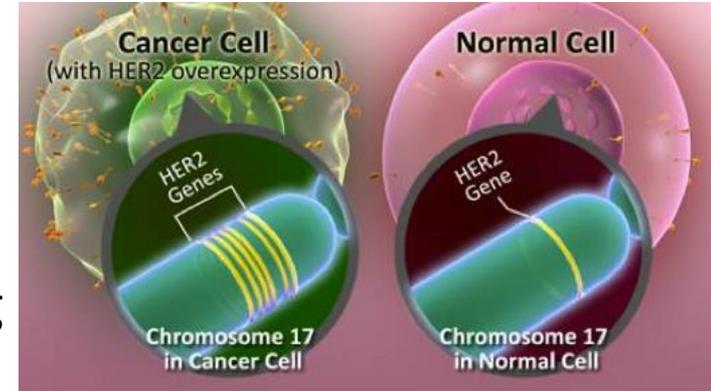


Genetics@uconn.edu alliedhealth.genetics.uconn.edu

Health Care Genetics

Professional Science Master's Degree Program

- ✓ science degree "plus"
 - experiential
 - professional development training
- ✓ cutting edge and relevant hands-on training
- ✓ workplace skills without a doctorate degree
- ✓ develop communication, leadership and other business skills
- ✓ 1st class summer 2015 (4 graduates ; 4 enrolled)
- ✓ co-sponsor Institute for Systems Genomics
- ✓ ASCP certification eligibility (if 6-month internship in full-service lab)
- ✓ UConn program that prepares highly qualified professionals for the demands of the expanding genetics and genomics workforce

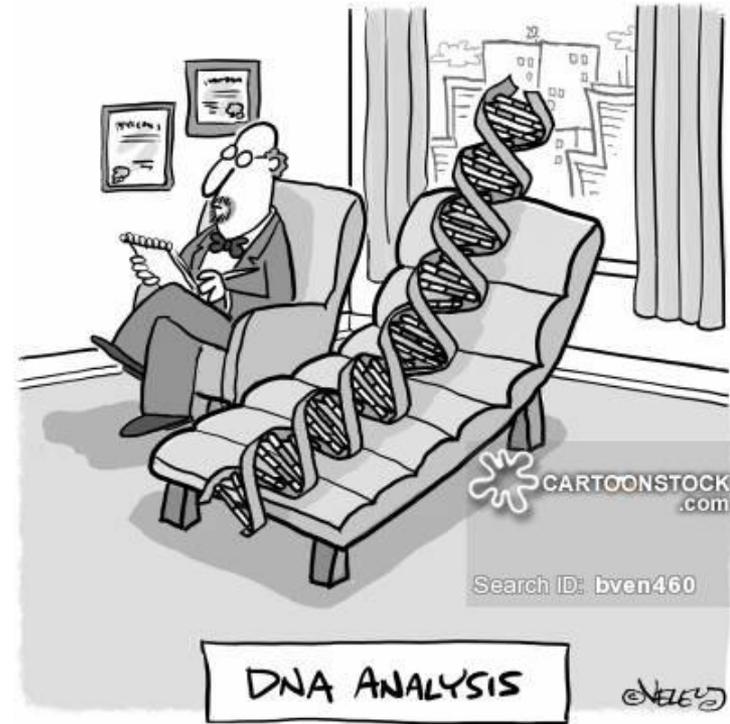


Genetics@uconn.edu healthcaregenetics.uconn.edu

Genetic and Genomic Counseling

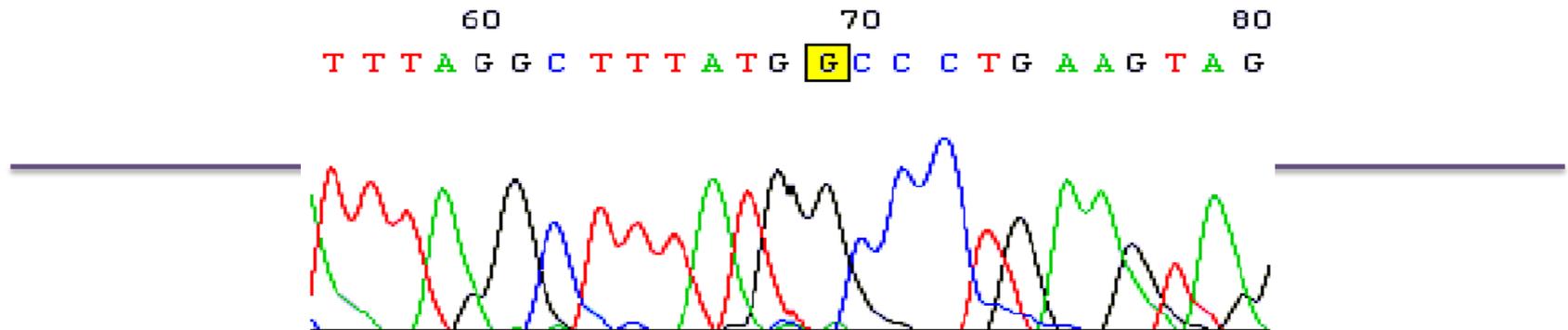
Professional Science Master's Degree Program

- ✓ science degree "plus"
 - experiential
 - professional development training
- ✓ Program Director
- ✓ \$300K/3yr Academic Plan Grant
- ✓ Institute for Systems Genomics
- ✓ 1st class target Fall 2018
- ✓ 1st in CT, 1st at a NE public institution
- ✓ cross discipline, department, college, campus } translational degree
- ✓ application to Accreditation Council for Genetic Counseling
- ✓ 3rd fastest growing job in CT with a 43.1% growth from 2012-2022



Genetics@uconn.edu geneticcounseling.uconn.edu

Capacity and Quality of All Programs Determined by the Willingness of the Workforce to Partner with the Department of Allied Health Sciences and the Institute for Systems Genomics to accept students for on site training.



All Workforce Partners welcome to participate in education delivery through lectures, development of online learning modules, or teaching weekend hands-on training sessions.

Focus on: Health Informatics | Analytics

Dr. Thomas Agresta, MD, MBI

**Professor and Director of Medical Informatics Family
Medicine**

**Director of Clinical Informatics - Center for Quantitative
Medicine <http://CQM.uhc.edu>**

**Section Leader for Informatics Connecticut Institute for
Primary Care Innovation <http://CIPCI.org>**

agresta@uhc.edu