Clinical and Translational Science and the UF Clinical and Translational Science Institute (CTSI)

Mike Conlon, PhD
Chief Operating Officer
UF Clinical and Translational Science Institute

For The Consortium
- e-Newsletter
- Calendar
- New Participant Q & A
- Federated Access Q & A
- Communication Toolkit
- Governance
- CTSA Committee Participants
- Program Information

Consortium Leadership
Strategic Goal Committees
Key Function Committees

Sharing a Common Vision

Mayo Clinic CTSA KL2 scholar Kaye Reid Lombardo, M.D. (center), a pancreatic cancer researcher, with two of her mentors, cancer epidemiologist Gloria Petersen, Ph.D. (right) and Michael Sarr, M.D., a Mayo investigator and gastroenterological surgeon. Photo courtesy of Mayo Clinic.

National Consortium Strategic Goals

Learn how the goals of the CTSA Consortium are being carried out by the Strategic Goal Committees.

More

Featured Institution

Weill Cornell Medical College (partnering with Hunter College)

Each month, this section highlights the activities of a CTSA at a local level. View this month's feature and more in our featured institutions section.

Weill Cornell Medical College

More

The National Consortium Expands

NCRR announces the expansion of the National CTSA Consortium. More information, including the list of new members, can be found in the NIH News Release.

New Collaboration Opportunity Feature

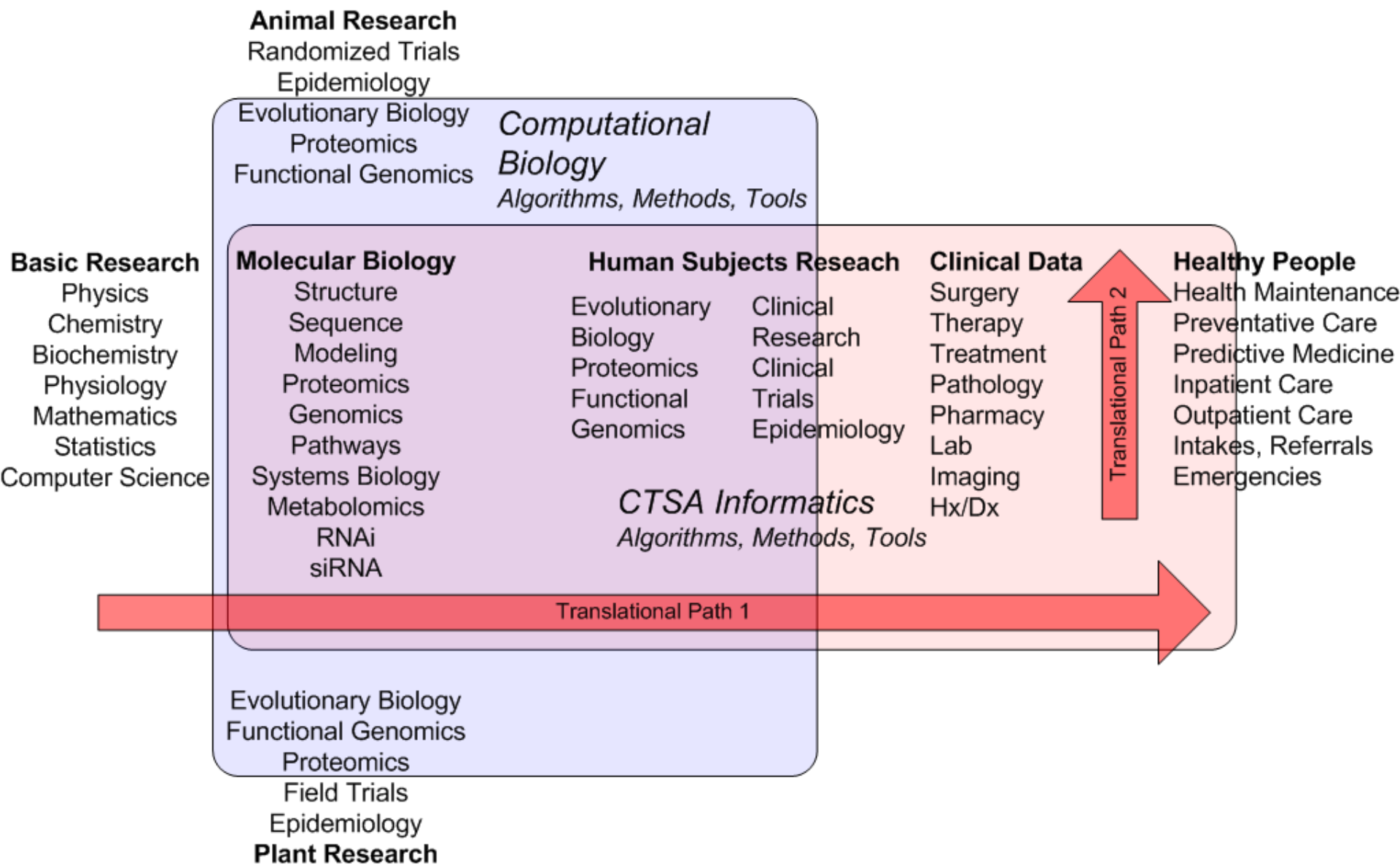
A new feature providing opportunities for posting and participating in research collaborations is now available.

For The Public
- Building Connections
- CTSA Fact Sheet
- Media Information
- Regional Consortia
- Institution Search

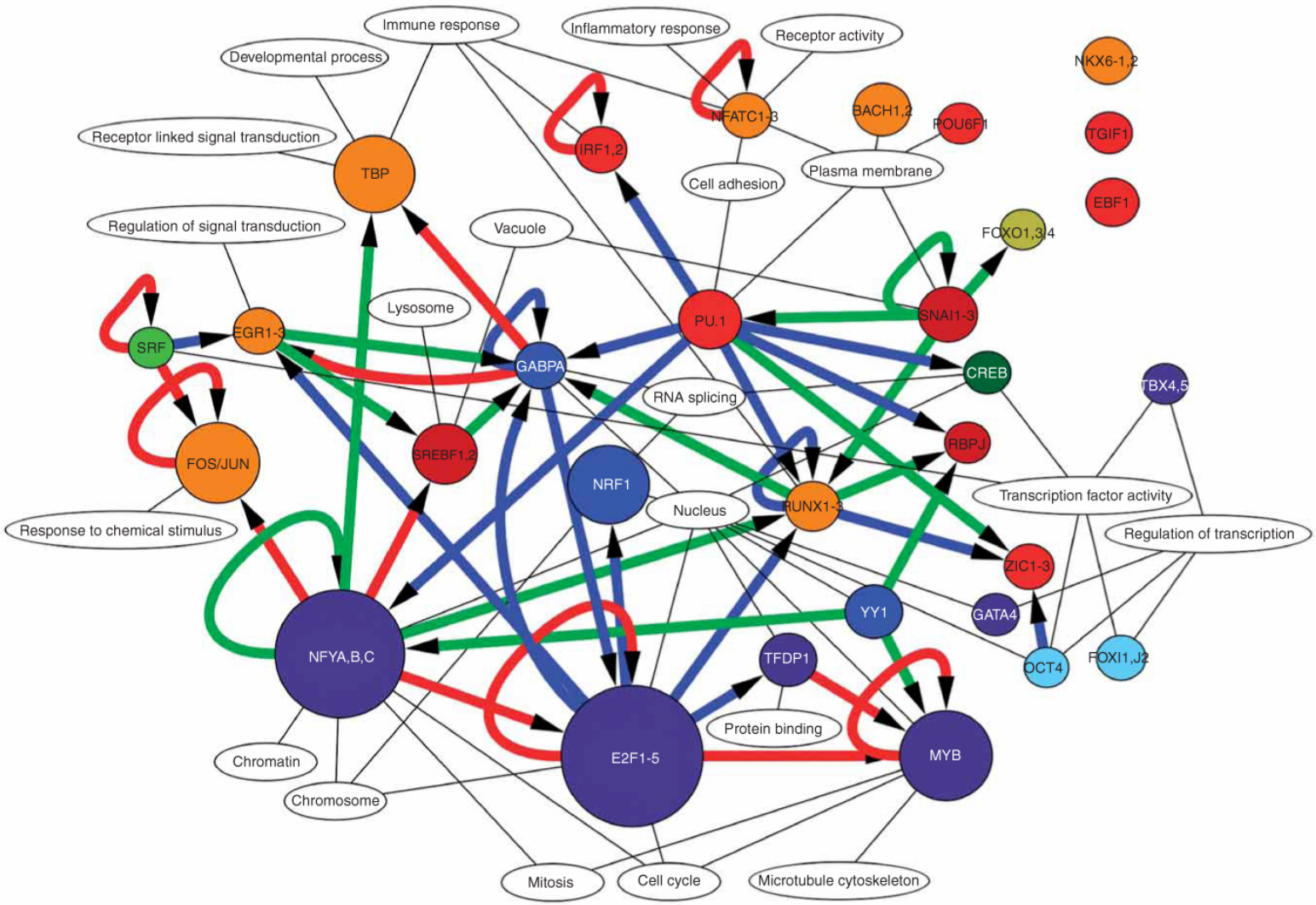
For Researchers
- Resources for Researchers
- Collaboration Opportunities
- CTSA Consortium Advances
- Current RFA
- CTSA Funding Guidelines

CTSA Institutions
Find CTSA Institutions by state:
View All Go

STRATEGIC GOALS
KEY FUNCTIONS
DIRECTLY-ALIGNED KEY FUNCTIONS
CROSS-CUTTING KEY FUNCTIONS
CTSA Steering & Executive Committees
Build National Clinical and Translational Research Capability
Clinical Research Management
Provide Training and Career Development of Clinical and Translational Scientists
Education and Career Development
Enhance Consortium-Wide Collaborations
Informatics
Improve the Health of our Communities and the Nation
Community Engagement
Advance T1 Translational Research
Translational Public-Private Partnerships
Administration
Biostatistics/Epidemiology/ Research Design
Clinical Research Ethics
Clinical Research Management
Communications
Community Engagement
Comparative Effectiveness Research
Education and Career Development
Evaluation
Informatics
Public-Private Partnerships
Regulatory Knowledge
Translational

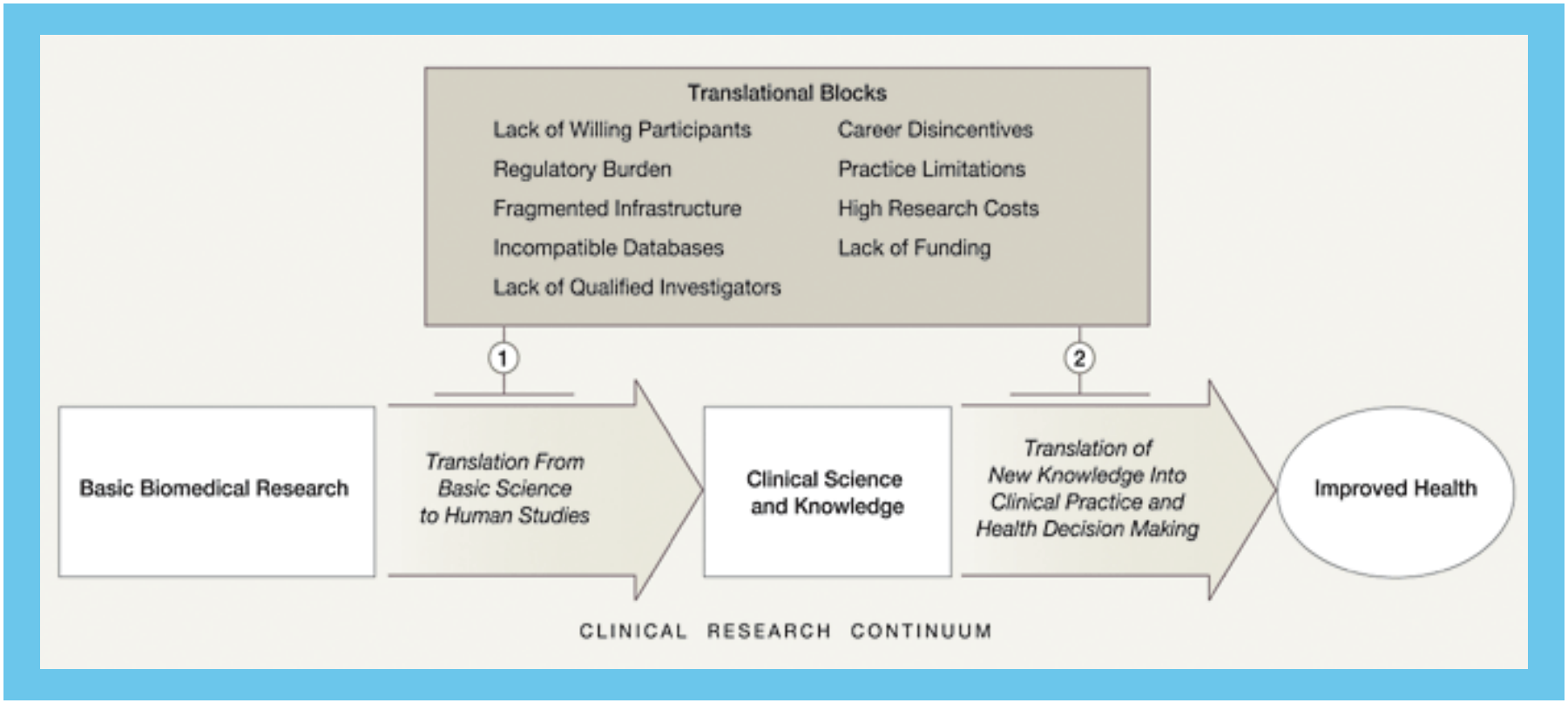

Animal Research
Randomized Trials
Epidemiology
Evolutionary Biology
Proteomics
Functional Genomics
Computational Biology
Algorithms, Methods, Tools
Basic Research
Physics
Chemistry
Biochemistry
Physiology
Mathematics
Statistics
Computer Science
Molecular Biology
Structure
Sequence
Modeling
Proteomics
Genomics
Pathways
Systems Biology
Metabolomics
RNAi
siRNA
Human Subjects Reseach
Evolutionary Biology
Proteomics
Functional Genomics
Clinical Research
Clinical Trials
Epidemiology
CTSA Informatics
Algorithms, Methods, Tools
Clinical Data
Surgery
Therapy
Treatment
Pathology
Pharmacy
Lab
Imaging
Hx/Dx
Translational Path 2
Healthy People
Health Maintenance
Preventative Care
Predictive Medicine
Inpatient Care
Outpatient Care
Intakes, Referrals
Emergencies
Translational Path 1
Evolutionary Biology
Functional Genomics
Proteomics
Field Trials
Epidemiology
Plant Research

1. Large Biology Projects



The FANTOM Consortium & Riken Omics Science Center, **The transcriptional network that controls growth arrest and differentiation in a human myeloid leukemia cell line** *Nature Genetics* **41**, 553 - 562 (2009)

2. Translational Research

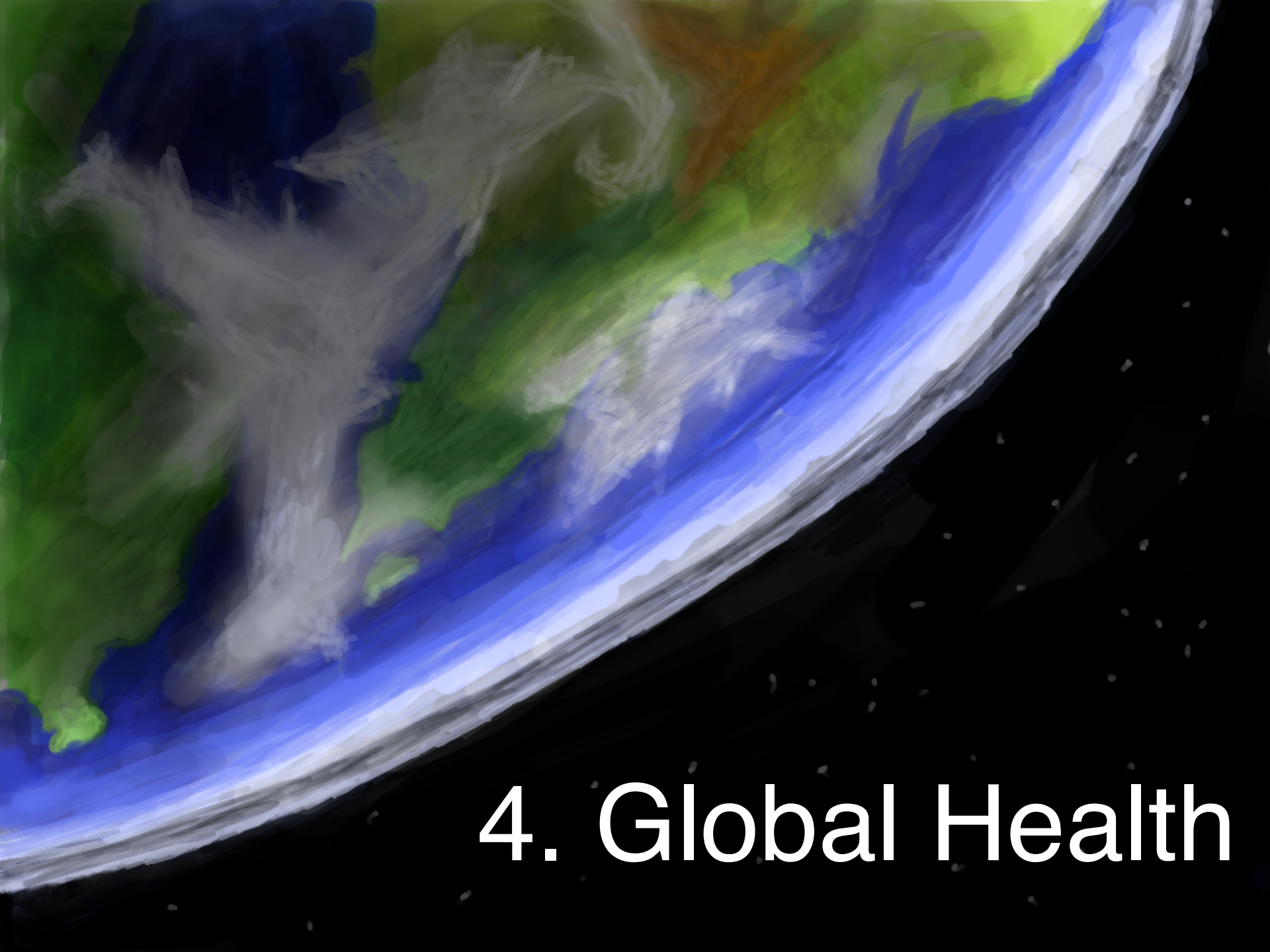


Sung, N. S. et al. JAMA 2003;289:1278-1287.

Copyright restrictions may apply.

JAMA

3. Health Care Reform including Comparative Effectiveness Research



4. Global Health

5. Empowering the Biomedical Research Community

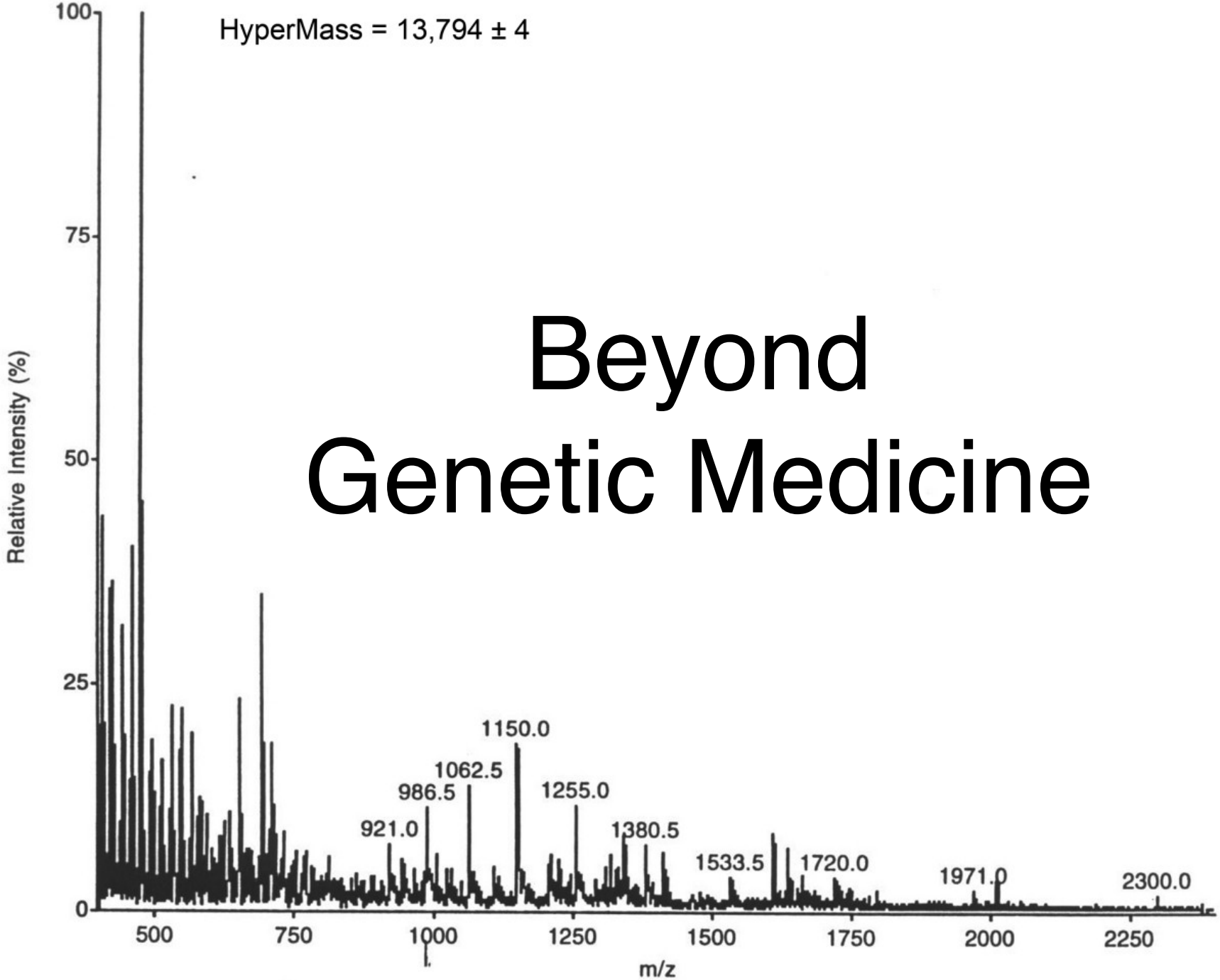
Integration of
research and care

Consent for research use of data

Use of genetic information in patient care

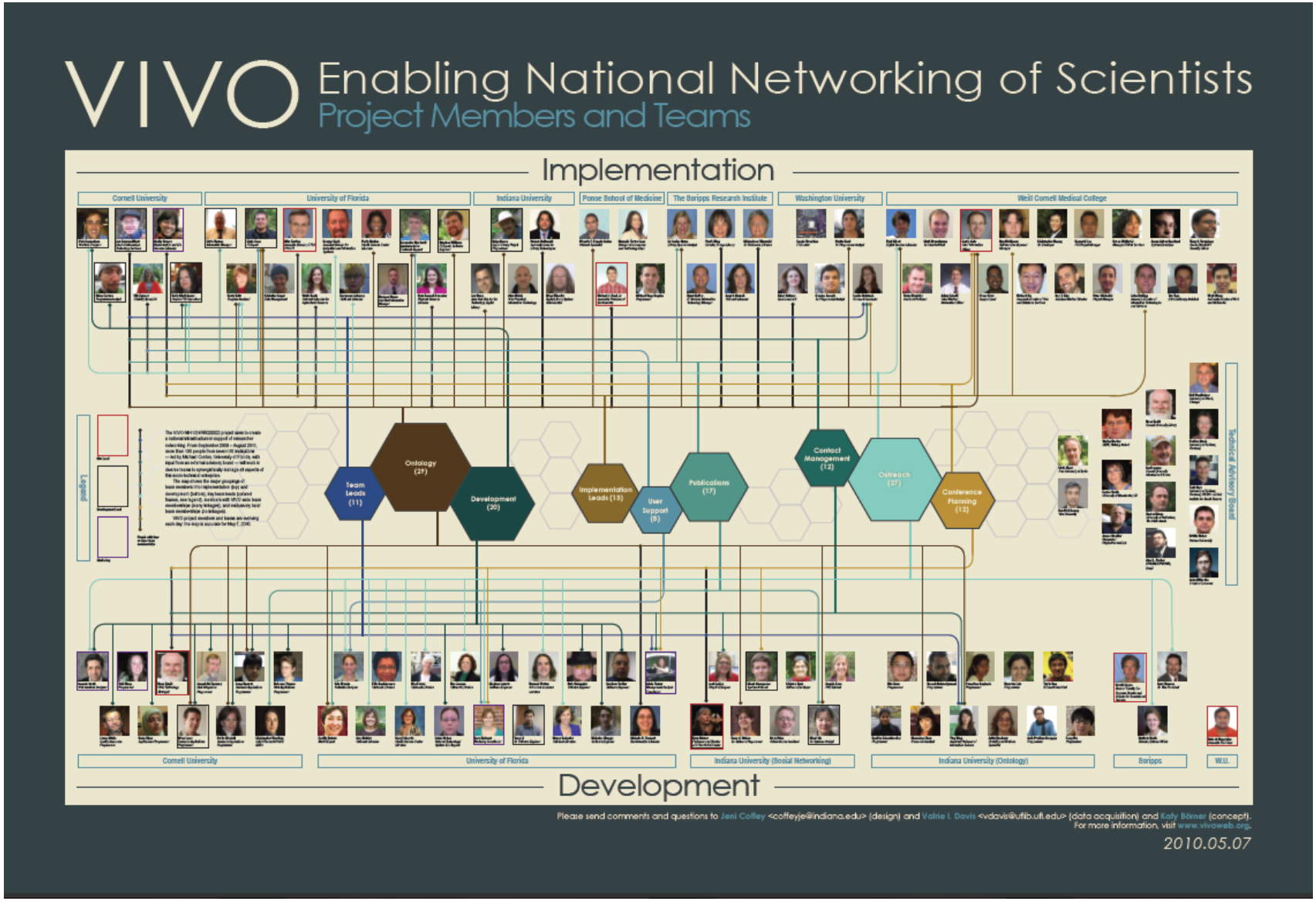
Integrated Data Repositories

Beyond Genetic Medicine

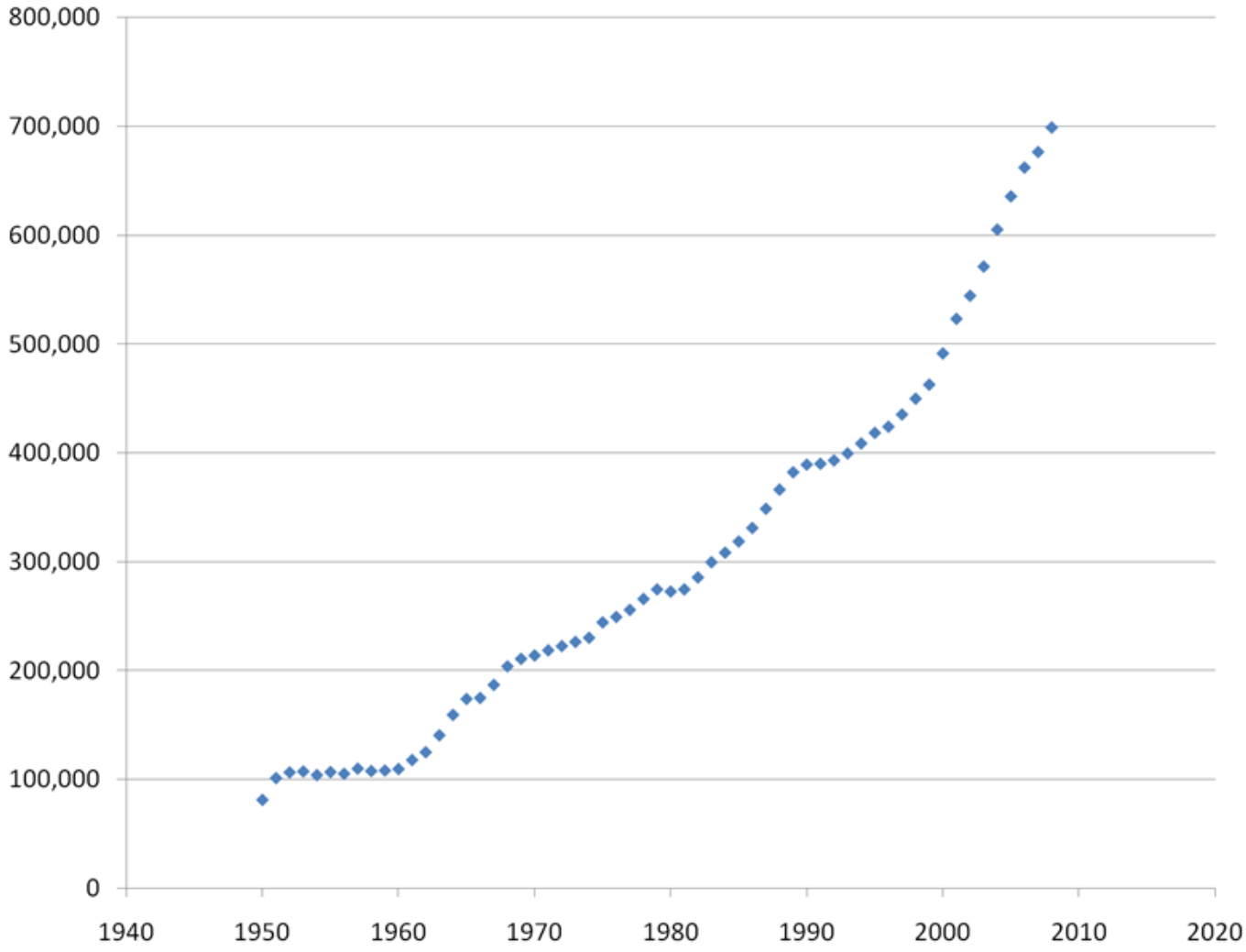


Increased Research
Participation

Increased Research Collaboration



Increased Research Results



PubMed publications per year, 1950-2008

The UF Clinical and Translational Science Institute

- Dr. David Nelson, MD -- Director and Principal Investigator
- NIH CTSA award made to the University of Florida July 1, 2009
- 11 programs, 4 core labs, 13 clinical research units, 140 supported faculty, staff and students
- Mission: Improve human health by accelerating the translation of scientific discoveries into practical applications and practices for the diagnosis, treatment, prevention and cure of human diseases.

UF CTSI
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UNIVERSITY of FLORIDA

UF CTSI Programs

- Training and Professional Development
- Community Engagement
- Community Awareness
- Drug Development
- 4 Laboratory Cores – biorepository, biobehavioral, genotyping, metabolomics
- Regulatory Knowledge and Research Support
- Informatics
- Biostatistics
- Ethics
- Pilot Projects
- 13 Clinical Research Units, including the UF Clinical Research Center

UF CTSI
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UF CTSI Services

Pilot Project Funding
Seminar Series
Community Engagement
Advisory Board
Mentor Program
TL1 Pre-doctoral training
KL2 Junior Faculty
APPCI
Master of Science in CTS
Research Coordinator Training
CTSI Biorepository*
Targeted Metabolomics lab

Genotyping Services
Biobehavioral Instruments
Research Project Navigators
ResearchMatch
REDCap
Study Registry*
CTSI Research Portal
Research Design
Research Data Analysis
Ethics Consults
Jacksonville CRU
Global Metabolomics Lab

UF Clinical Research Center
Cardiovascular CRU
Phase 1/2 CRU
GI/Liver CRU
AG Holley CRU
VA Clinical Research Unit
Neuropsychology CRU
Periodontal DRC CRU
Sleep Lab CRU
Aging Institute CRU
Pain CRU
Workshop support

* = under construction

UF CTSI
Clinical & Translational Science Institute
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UF CTSI Projects

- Epic and Research
- UF/FSU clinical network
- Clinical and Translational Research Building
- Facilitate access to REDCap
- Develop biorepository core services
- Build out metabolomics core
- Create Tracking and Evaluation processes
- Create a study (and clinical trial) registry
- Create single research services price list

UF CTSI
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Clinical and Translational Science Building (Spring 2013)

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CTSI Biorepository

- New facility for tissue and blood storage
- Robotic freezer
- Specimen registry
- 1.5 M sample capacity
- 40% of capacity will be used via consolidation of existing sample collections (Aging, Urology, Cancer)
- $1.3M investment
- Available fall 2010

CTSI REDCap

- REDCap – Research Electronic Data Capture
- Web-based case report forms and visit calendar
- Developed at Vanderbilt
- On-line training
- CTSI REDCap facilitators
- No charges for use
- http://redcap.ctsi.ufl.edu

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Q&A

- For more info, please visit the CTSI Research Portal at http://www.ctsi.ufl.edu
- Or call 273-8700
- Or email Mike Conlon, mconlon@ufl.edu