INSTITUTIONAL

programs to teach clinical research

to basic science trainees, and basic

science to clinical research trainee

· Efficient conduction and approval of

· Improvement or elimination of

programs through feedback

Increased interdisciplinary research

spanning multiple schools and

• Increased number of educational

Education

Integration

Collaboration

institutions

INSTITUTIONAL

- Shared support of C/T research with key partners
- Breadth of partnering department, schools, and institutions
- Ongoing inter-school and inter-department collaborations
- Community outreach programs
- Large multi-institutional grants

CORE Staff, Budgets, & Services of the following Cores:

- Administrative Data Research
- **Applied Research** Sciences
- **Biomedical Informatics**
- Brain, Behavior & Perf.
- **Business development**
- Clinical research ethics
- Community Engaged Research
- Dissemination & Implementation Research
- Economic Eval. in Medicine
- **Human Genetics &** Genomics
- · Human Imaging Unit
- Novel Methodologies
- Regulatory Support
- Research Design & **Biostats**
- Translational Pathology & Molecular Phenotyping

SCIENTIST

- Interest in C/T research
- Experience
- Time
- Mentorship
- · Collaboration (multi and transdisciplinary)

INSTITUTIONAL

Education

 Expand and accelerate training and career development

Integration

- · Foster and enhance fundamental changes in the research infrastructure
- Implement mechanisms to speed up feedback loop (i.e. dashboard)

Collaboration

- · Create incentives through funding mechanisms to promote inter & transdisciplinary collaborations
- Promote community based population health research
- Facilitate inter-institutional partnerships with community, academic, health care and industrial organizations

CORE

Education

Develop new training programs Integration

- Provide access to innovative research tools, information technologies, facilities and staff
- Promote application of new knowledge and techniques to patient care
- · Support services to collect, store, retrieve, share, analyze and interpret complex data

Collaboration

Facilitate collaborative research by identifying inter- & transdisciplinary partnership opportunities

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Education

- # of ICTS trainee publications
- # of junior faculty promoted in C/T research tenure tracks
- # of C/T research grants submitted & awarded

Integration

- Streamlined processes for approval & completion of research (# of submissions and re-submissions to
- Regular feedback regarding process and procedures

Collaboration

Education

Integration

resources

Collaboration

- # grants & publications/submissions involving multiple departments, schools, institutions
- # of collaborations between basic science esearchers and clinical researchers

CORE

• # of new training programs offered

PI satisfaction with Core services

institutions using WU Core resources

• # researchers from WU using Core

of new inter- & transdisciplinary

of ICTS members trained

researchers from partner

CORE

Increased translation of genetic/

Education

- Integration
- community research resource
- resources among WU, community and partner institutions
- Improved quality and provision of core services

Education

· Increased inter- & transdisciplinary research spanning multiple schools and institutions

SCIENTIST

• Increased number of publications in

C/T research using ICTS resources

junior) electing C/T tenure tracks

• Increased mentorship among senior

C/T researchers and junior faculty and

Greater capacity to conduct C/T

Increased number of faculty (senior and

Increased number of community based

Increased numbers of new therapeutics

genomic research into clinical research

population health research projects

• Increased number of training programs

- Increased awareness and use of ICTS as
- Increased recognition of WU Core

Collaboration

Impact

Long-term

Outcomes

Development of new

clinical applications

using genome and

genomic technologies

Increased capacity to

conduct C/T research

through established

Increased funding and

educational and

training programs

participation in C/T

research at WU and

throughout region

for C/T research by

partner institutions

and community

Identification of ICTS

as a coordinating body

therapeutics

Development of

- Improved health through the translation of science into clinical & public health practice.
- Enhanced partnership between community and ICTS in providing healthcare and Increased effort to address regional issues

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Education

· Provide mentorship to newly CTSA trainees

Collaboration

- Initiate collaborations with researchers outside of discipline to work on T1, T2 & T3 research
- Conduct studies of new therapeutic methods to use in clinical practice.
- Conduct studies of genetic/genomic technologies to use in clinical practice.
- · Initiate collaborations with external partners to perform C/T research

SCIENTIST

collaborations formed

Education

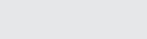
- # mentor/mentee relationships established
- # trainees involved in C/T research
- # trainees receiving funding for C/T pilot research

Collaboration

- # grants/submissions involving multiple departments, schools, institutions
- # of publications resulting from ICTS funded research
- # of C/T research grants awarded

staff Collaboration

- Increased numbers of new therapeutics
- Increased use of genetic/genomic research in clinical research





Environmental Influences ICTS External Advisory Board, Funding



