

TIES Cancer Research Network
Y2 Face to Face Meeting
U24 CA 180921

October 29th, 2014
University of Pennsylvania



Morning

Welcome

8:00-8:15 Goals for the Meeting, Overall Summary of Progress in Y1; Y2 Project Plan (**Crowley-Jacobson**)

Project Status

8:15-8:30 University of Pittsburgh Update (**Crowley-Jacobson**)

8:30-9:00 University of Pennsylvania Update (**Feldman**)

9:00-9:30 Georgia Regents University (**Bollag**)

9:30-10:00 Roswell-Park Cancer Institute (**Gaudio**)

10:00-10:30 Demonstration of Multi-Site Search; Discussion (**Chavan and Crowley-Jacobson**)

10:30-10:45 Break

10:45 – 11:15 Policies and Processes Subcommittee ~ Completed Work and Next Steps (**Crowley-Jacobson, Bollag, Weaver, Murphy**)

Pilot Projects

11:15 – 12:00 National Mesothelioma Virtual Bank (**Amin**)

12:00 – 12:15 Other emerging pilot projects (**Feldman, Crowley-Jacobson**)

12:15 – 12:45 LUNCH

Afternoon

Other Uses of TIES/Future of TIES

- 12:45-1:15 TIES Radiology at University of Pittsburgh
(**Legowski and Crowley-Jacobson**)
- 1:15 – 1:30 Cancer Deep Phenotyping
(**Mitchell and Crowley-Jacobson**)
- 1:30 – 2:00 EMR corpus Deep Phenotyping (**Feldman**)

Year 2 Development Projects

- 2:00 – 2:30 Whole Slide Imaging inside TIES (**Tseytlin**)
- 2:30 – 3:00 Paraffin Archive (**Chavan**)
- 3:00 – 3:30 Prioritization of current feature requests (**Chavan**)

Wrap Up

- 3:30 – 4:00 Y2 Project Plan, Action Items and Wrap Up
(**Crowley-Jacobson**)

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Welcome to TCRN partners!



Goals for the Meeting

1. Review and discuss Y1 work
 - What worked and what didn't?
 - What improvements can be made in any aspect of the project?
2. Discuss Y2 work and agree on basics of project plan
 - We will refine these further and present something more formal soon after meeting
3. Contribute to TIES development path to meet needs of institutions and investigators



Goals for the Meeting


4. Start planning for manuscripts.
 - We should get out our first manuscript on the network this year. Where should it go?
5. Discuss potential new opportunities.
 - Especially potential PCORI specimen network.


U24 Specific Aims

- **Specific Aim 1.** Enhance the informatics technology to support inter-institutional “trust”, paraffin registry development, tissue microarray (TMA) development, and nondestructive tissue use.
- **Specific Aim 2.** Establish the TIES Cancer Research Network (TCRN) with four founding member institutions. Develop governance, network agreements, and policies for operating the TCRN.
- **Specific Aim 3.** Recruit and support pilot scientific collaborations across the network.
- **Specific Aim 4.** Disseminate the software and measure its impact.

Overall Progress in Y1

ID	Specific Aim/Sub Aim	Duration	2013				2014				2015				2016				2017				2018		
			Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
1	1.1 Implement "trust framework"; support regulatory workflow	131.43w	[Progress bars for 2013-2018]																						
2	1.2 Paraffin registry development functional	137.14w	[Progress bars for 2013-2018]																						
3	1.3 TMA development functionality	130.29w	[Progress bars for 2013-2018]																						
4	1.4 Virtual slide visualization	88.86w	[Progress bars for 2013-2018]																						
5	2.1 Install TIES 5.2 at all sites	39.43w	[Progress bars for 2013-2018]																						
6	2.2 Establish and maintain governance structure	261.86w	[Progress bars for 2013-2018]																						
7	2.3 Execute trust agreements	48.29w	[Progress bars for 2013-2018]																						
8	2.4 Develop and refine policies and processes	170w	[Progress bars for 2013-2018]																						
9	3.1 Initial set of Pilot Projects	75w	[Progress bars for 2013-2018]																						
10	3.2 Additional Pilot Projects	160w	[Progress bars for 2013-2018]																						
11	4.1 Software releases (at least 2/year)	263.57w	[Progress bars for 2013-2018]																						
12	4.2 Develop deployment and connection blueprints	75.71w	[Progress bars for 2013-2018]																						
13	4.3 Dissemination activities	263.57w	[Progress bars for 2013-2018]																						
14	4.3 Measure impact of TCRN	190w	[Progress bars for 2013-2018]																						


Complete or near complete
 Installation of nodes, data loading
 Executed Trust Agreements
 Software Releases (2)


Y1 goal met
 Dissemination activities
 Deployment and Adoption Blueprints
 Initiate Pilot Projects
 Policies and Processes for Network Governance

Overview of Y1 Accomplishments

Technical Accomplishments:

- Release of TIES 5.0 5/14
- Release of TIES 5.2 11/14
- New TIES Project Website 10/14
- All sites have operational nodes 7/14
- All sites have coded pathology reports 8/14
- All sites are on the network 10/14

Process Development:

- All sites have approved IRB protocols
- All sites have signed Network Agreement
- All sites have portals with forms for account request
- Policies and recommendations approved for de-identification
quality assurance, approval bodies, and auditing of users
- Draft IRB language
- Initial Adoption and Deployment Blueprints available
- Detailed QA plan for adopters

Pilot Projects:

- Initial work to develop set of three pilot projects



Y2 will be the pivotal year of this grant...



Plans for Y2

ID	Specific Aim/Sub Aim	Duration	2013				2014				2015				2016				2017				2018		
			Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
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Work to complete

All data loaded
 ~ 6 pilot projects with several complete
 Paraffin registry funcreqs and prototype
 Virtual Slide integration
 Complete all regulatory processes/policies
 Deployment and Adoption Blueprints
 Software releases (2)

Other goals

Publications about network
 Local TIES users at all sites
 Dissemination at all sites
 Additional disseminations at other institutions



Major challenges for Y2

- Getting pilot projects up and running, all the way to tissue
- Streamlining the regulatory burden for investigators
- Local Use
 - You can follow our model
 - Tissue Bank acts as approval process; no separate IRB needed for Pitt investigators until they request tissue
- Network Use
 - We are forging new ground, be patient!
 - Willingness to go to your IRBs, OOR, Legal counsel and help us gradually reduce the burden on investigators
 - Documentation and communication