CI4CC Spring Workshop: The role of Academic Technology Development in Cancer Research

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What is ITCR?



A <u>trans-NCI</u> program to support <u>investigator-initiated</u> informatics technology development driven by critical <u>needs</u> in cancer research.

- Flexible and sustainable support for different stages of development
- Promote cross-program communication and collaboration

http://itcr.cancer.gov

ITCR Funding

Algorithm Development
Prototyping & Hardening
Enhancement & Dissemination
Sustainment

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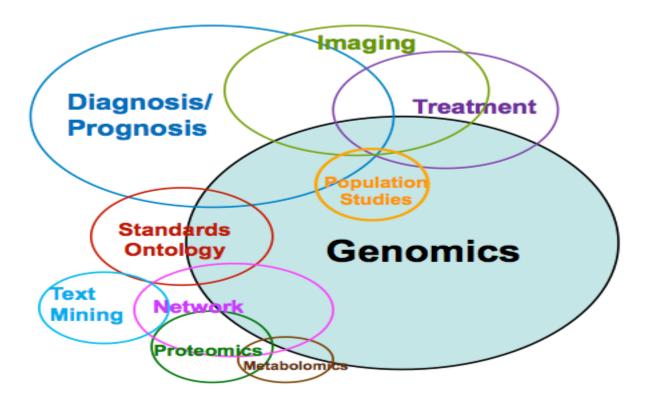
Can for-profit entities apply for funding?

Yes! Commercial organizations can submit proposals

Do I have to share source code developed previously with other sources of funding?

No! Only code developed with ITCR support is expected to be released.

Domains of Research Supported through ITCR



Informatics Tools

29 tools supporting OMICS, imaging, network biology, and clinical research



Workshop motivation from ITCR: 2 parts

Public-private partnership

Both commercial and academic technology play an important role in cancer research. What are the interfaces between commercial and academic technologies?

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Technology dissemination

Users from different backgrounds have different needs. How do we reach and support these different groups of users?

Workshop Goals

Open discussion of ...

- technology development
- reaching potential new users from various communities
- user support
- funding models
- open source development
- why and how academic technology transitions into the commercial space

Workshop Structure

Three sessions: Academic, Stakeholders and User perspectives

- Each talk will be 15 min
- Limit questions after each talk so that we leave time for
- ... the panel discussion, which will conclude each session