Where are we?

Collaborative Innovation Center

The BIG DIG

Newell Simon Hall
Where are we?

Collaborative Innovation Center

Newell Simon Hall
Where are we?

School of Computer Science Complex

- Collaborative Innovation Center
- The Gates/Hillman Center
- Newell Simon Hall
School of Computer Science

- Computer Science Department
- Robotics Institute
- Institute for Software Research
- Human Computer Interaction Institute
- Language Technologies Institute
- Machine Learning Department
- Entertainment Technology Center

Numerous Affiliates/Collaborations across campus and with the University of Pittsburgh

Many Centers, eg QoLT Center, ALADDIN Center
To connect research activities at CMU with business creation and technology transfer opportunities.
Why Olympus?

• To Create a Culture/Climate and Community

• To Enable Talent and Ideas to Grow in the Region
mission is to bridge the gap between world-class research & commercialization for the benefit of our communities

Project Olympus

Synergistic Model

Carnegie Mellon
Research & Education
Interdisciplinary Can-Do Culture

PROBEs
Open Collaborative Research/Commercial Explorations/Prototypes
Innovations

Western Pennsylvania
Next Gen Economy & Education
IT Infusion
• Start-Ups
• Spin-Offs
• Licenses
Olympus' vision is to create a life-cycle of university research & commercialization for the benefit of our communities.

**Project Olympus**

**Synergistic Model**

- Carnegie Mellon Research & Education
- Interdisciplinary Can-Do Culture
- PROBEs: Open Collaborative Research/Commercial Explorations/Prototypes
- Innovations

**Western Pennsylvania**

Next Gen Economy & Education

IT Infusion

- Start-Ups
- Spin-Offs
- Licenses

New Resources & Ideas Stimulate New Research/Innovation
Pittsburgh Technology Innovation Community

**Foundations**

- **CMU/UPMC** leveraging $billion $$ research

- **PLSG**
- Drug Discovery
- Tissue/Organ Engineering
- Neurological Treatments
- Medical Devices

- **IDEA FOUNDRY**

- **KIZ**

- **OLYMPUS**

- **INNOVATION WORKS (IW)**

**PRA – Attraction and Support Services**

**PTC – Trade Association**

**Universities/CMU/UPMC**

**LIFE SCIENCES**

**INFORMATION TECHNOLOGY**

**NON-TECH**

**OTHER TECHNOLOGIES**

**VCs**

**Angels**

**Foundations**

PRA=Pgh Regional Alliance, PTC=Pgh Technology Council, PLSG= Pgh Life Sciences Greenhouse

KIZ = Keystone Innovation Zone

(NB. This diagram is a modification of a TTC slide)
Pittsburgh Technology Innovation Community

**PRA** – Attraction and Support Services

**PTC** – Trade Association

**UNIVERSITIES/CMU/UPMC**

- **KIZ**
- **PLSG**
- **OLYMPUS**
- **Innovation Works (IW)**

**Foundations**

**Angels**

**VCs**

**NON-TECH**

**LIFE SCIENCES**

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**OTHER TECHNOLOGIES**

PRA=Pgh Regional Alliance, PTC=Pgh Technology Council, PLSG= Pgh Life Sciences Greenhouse

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(NB. This diagram is a modification of a TTC slide)
• PROBEs at the Core
• CONNECTs Students
• CONNECTs Faculty
• Show & Tells
• **Teams** of students, grads, faculty & business advisors work together on focused
• **PROBEs** (PROBlem-oriented Explorations) to develop potentially commercializable ideas and projects emerging from core university research.
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PROBEs (PROBlem-oriented Explorations) to develop potentially commercializable ideas and projects emerging from core university research.

- Micro-grants, Matching Funds
- Space, Equipment
- Advice, Education, Assistance
- Networks, Connections, Contacts
- Visibility
Teams of students, grads, faculty & business advisors work together on focused PROBEs (PROBlem-oriented Explorations) to develop potentially commercializable ideas and projects emerging from core university research.
• Frequent **Show and Tells**

showcase Olympus PROBEs, budding talent, local start-ups, university research and guest perspectives

• for the regional civic and innovation/investment communities.
Show and Tells

1. June 7, 2007

2. September 25, 2007

3. December 12, 2007

4. March 26, 2008

5. April 23, 2008
TODAY’s SHOWCASE

Homecoming Show and Tell
TODAY’s SHOWCASE

A FOCUS ON RESEARCH from the School of Computer Science

• Prof. Randy Bryant, Dean SCS
  "Cloud Computing"

• Prof. Jessica Hodgins (CS and RI), Director Disney Pgh
  “Disney Pittsburgh”

START-UPS & SPIN-OFFS

• Jessica Trybus, MET (ETC), Faculty ETC & Founder
  Etcetera Edutainment  “Etcetera Edutainment”

• Matt Humphrey, BS ’07 (CS) & MBA ’08 (Tepper) &
  co-Founder Kickball Labs
  “Views from a Pgh native, CMU grad & Olympus Alum“

OLYMPUS CONNECTS

• Rich Lunak, BS (ECE), Pres. & CEO, Innovation Works
  "Regional Technology, Past, present, and future"
Cloud Computing

Prof. Randy Bryant
Dean, SCS
Disney Pittsburgh

Prof. Jessica Hodgins
Alum & RI & Director, Disney Pgh
Etcetera Edutainment

Jessica Trybus
Alum & ETC &
Founder, Etcetera Edutainment
Views from a Pgh native, CMU grad & Olympus Alum

Matt Humphrey
Alum & co-Founder, Kickball Labs
Regional Technology, Past, present, and future

Rich Lunak
Alum & Pres-CEO, Innovation Works
Reception @ NSH Atrium
LET the SHOW BEGIN!
The vision is to create a commercialization cycle for the benefit of communities.

Carnegie Mellon
- Research
- Education
- Interdisciplinary
- Can-Do Culture

Project Olympus
- Synergistic Model
- PROBEs
- Open Collaborative Research/Commercial Explorations/Prototypes
- Innovations
- New Resources & Ideas
- Stimulate New Research/Innovation