Entrepreneurship 101

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Not all Startups are the Same

Small Business/Life-Style

- Known business examples to learn from
- Funded by banks or stockholders
- > Business plan
- Sustain a particular level of income
- Provide dividends or increased stock price

Investment/Exit

- Untested business model with a high degree of uncertainty
- Funded by investors (angels and VCs)
- Business model
- Grow big quickly and sell (exit)
- Provide a 5x-10x return to the investors

The Players

- Incubators
- Accelerators
- TBEDs

Incubators

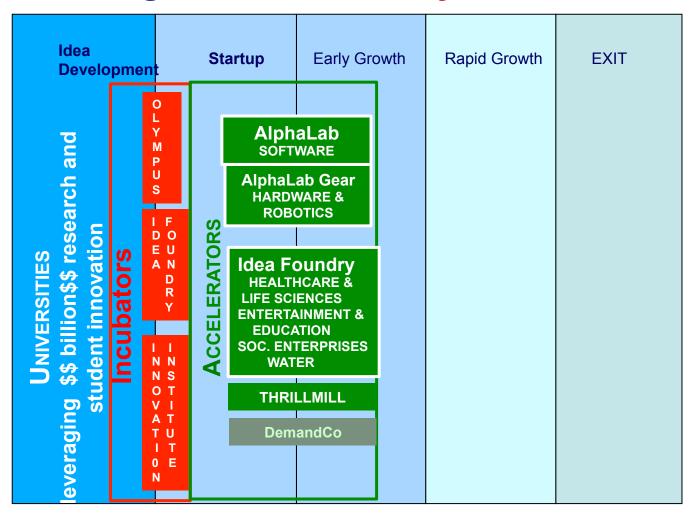
- Where the commercialization plan 'hatches'
 - Mentoring/coaching/guidance
 - Access to materials
 - Introductions to advisors, domain expertise
 - May provide space
 - May provide micro-grants
- Goal get initial seed funding

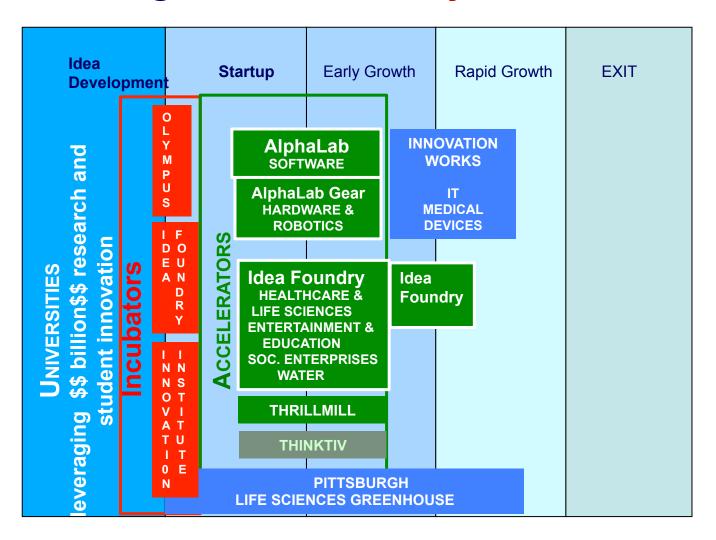
Pittsburgh: A Community of Innovation FOR INVESTMENT/EXIT START-UPS

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Accelerators

- Fixed term, cohort-based programs
 - Provide mentorship and educational components
 - Highly competitive to get in
 - Get seed investment (\$20k-\$50k) in exchange for equity
- Goal "Demo Day" to attract follow-on investment
- Examples: AlphaLab/Gear, Idea Foundry, Tech Stars, Y Combinator, DreamIt Ventures, etc





MONEY/FUNDING Investors

- INVESTORS
 - FRIENDS & FAMILY (& FOOLS)
 - CROWDFUNDING
 - ANGELS and ANGEL GROUPS
 - SUPER ANGELS
 - VENTURE CAPITALISTS

Angels vs VCs

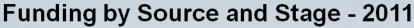
Angels

- High net-worth individuals i.e. their own money)
- > Tend to invest locally
- ➤ Tend to invest early (\$25k \$50k)
- Often form Angel Groups to research and co-invest in deals (e.g. BlueTree)

Venture Capitalists

- Create a fund using other people's money
- Seek deals from everywhere and often require them to relocate nearby

Angels: Majority of Startup Funding





Angel Investors 2011

- \$22.5B
- ~66,000 deals
- 42% seed/startup
- 55% early stage
- ~ 318,500 individuals

Venture Capital 2011

- \$29B
- ~3,750 deals
- 3.5% seed/startup
- 68% later/expansion capital
- Total 791 firms (not all active)

Sources: UNH Center for Venture Research, PwC MoneyTree and NVCA

MONEY/FUNDING Terms

Terms

- Seed Funding
- Series A, B, etc.
- Valuation
- Convertible Debt
- 10x return
- Exit (Sale or IPO Initial Public Offering)

People

- Steve Blank <u>4 Steps to Epiphany</u>
 "Get out of the building"
- Eric Reis The Lean Startup
 - MVP (Minimal Viable Product)
 - Feedback Loop

Build
Learn Measure

The Business Model Canvas

Designed for:

Designed by:

Date:

Version:

Key Partners

Who are our Key Partners? Who are our key suppliers? Which Key Resources are we acquairing from partners? Which Key Activities do partners perform?

MOTIVATIONS FOR PARTNERSHIPS Optimization and economy Reduction of risk and uncertainty Acquisition of particular resources and activities

Key Activities What Key Activities do our Value Propositions require? Our Distribution Channels? Customer Relationships?

Revenue streams?

Value Propositions What value do we deliver to the customer?

Which one of our customer's problems are we helping to solve? What bundles of products and services are we offering to each Customer Segment?
Which customer needs are we satisfying?

CHARACTERISTICS Newness Performance Customization "Getting the Job Done" Design Brand/Status

Customer Relationships

What type of relationship does each of our Customer Segments expect us to establish and maintain with them? Which ones have we established? How are they integrated with the rest of our business model?

How costly are they?

Customer Segments

For whom are we creating value? Who are our most important customers?

Key Resources



TYPES OF RESOURCES TYPES OF RESOURCES
Physical
Intellectual (brand patents, copyrights, data)
Human
Financial



Channels Through which Channels do our Customer Segments want to be reached?

How are we reaching them now? How are our Channels integrated? Which ones work best? Which ones are most cost-efficient?

How are we integrating them with customer routines?

CHANNEL PHANES

1. Assurances

2. Pervalences

1. Production

1. P

Cost Structure

What are the most important costs inherent in our business model? Which Key Resources are most expensive? Which Key Activities are most expensive?

SAMPLE CHARACTERISTICS Fixed Costs (salaries, rents, utilities) Variable costs Economies of scale Economies of scope

Revenue Streams

For what value are our customers really willing to pay? For what do they currently pay? How are they currently paying? How would they prefer to pay?

How much does each Revenue Stream contribute to overall revenues?

Asset sale
Usage fee
Subscription Fees
Lending/Renting/Leasing
Licensing
Brokerage fees
Advertising







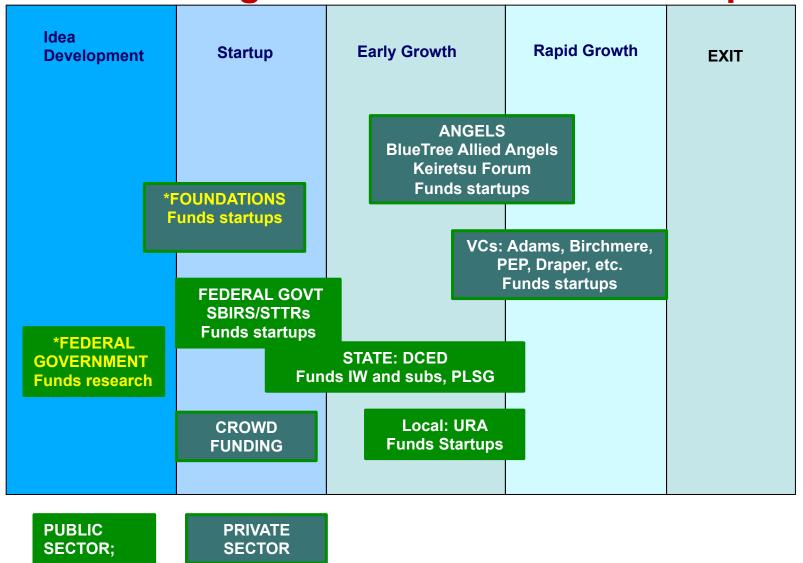








Pittsburgh: A Community of Innovation Funding for investment/Exit Startups



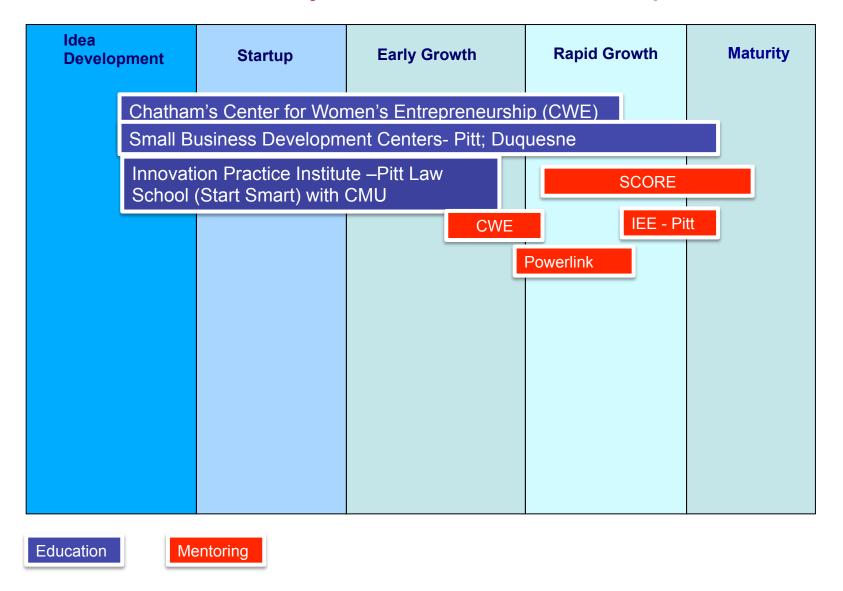
FUNDING

LifeStyle and Investment/Exit Startups

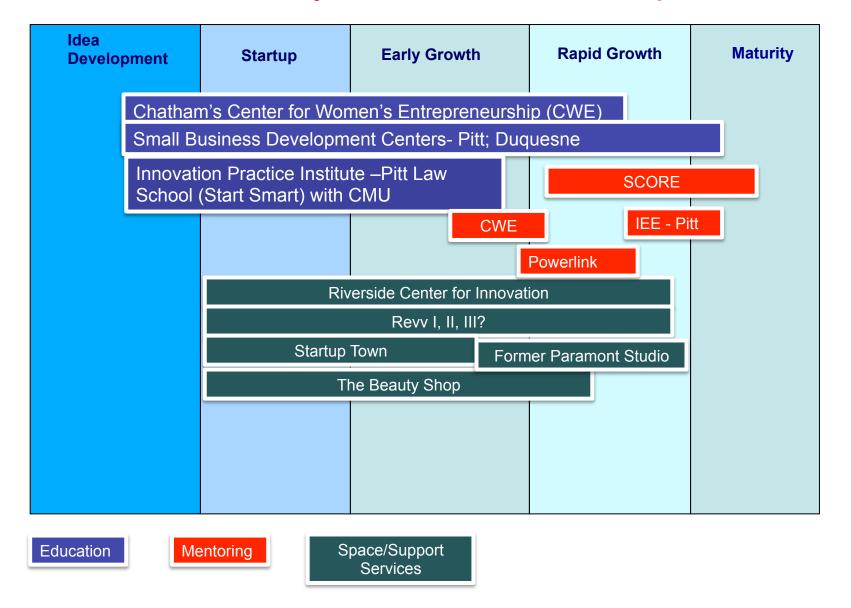
ldea Develo	pment	Startup	Early Growth	Rapid Growth	Maturity			
	Chatham's Center for Women's Entrepreneurship (CWE)							
	Small Business Development Centers- Pitt; Duquesne							
	Innovation Practice Institute –Pitt Law School (Start Smart) with CMU							

Education

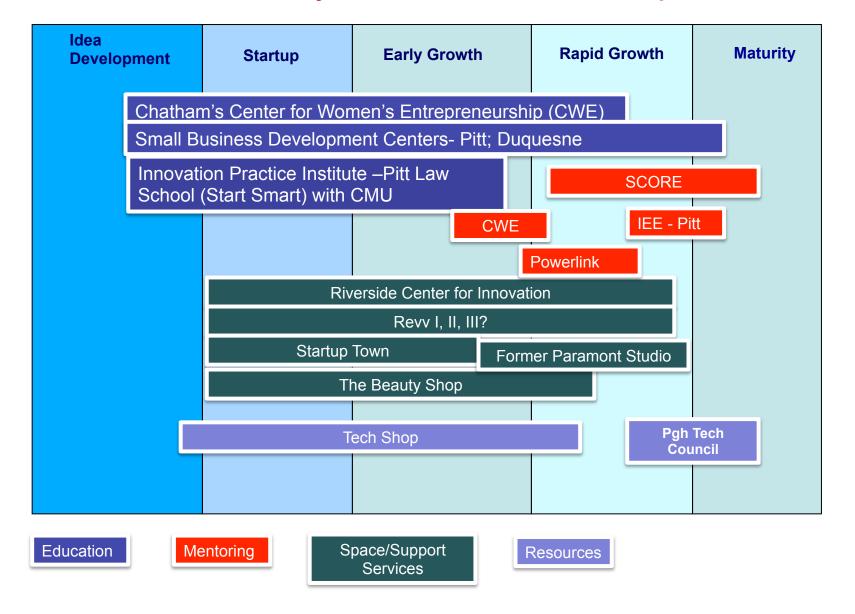
LifeStyle and Investment/Exit Startups



LifeStyle and Investment/Exit Startups



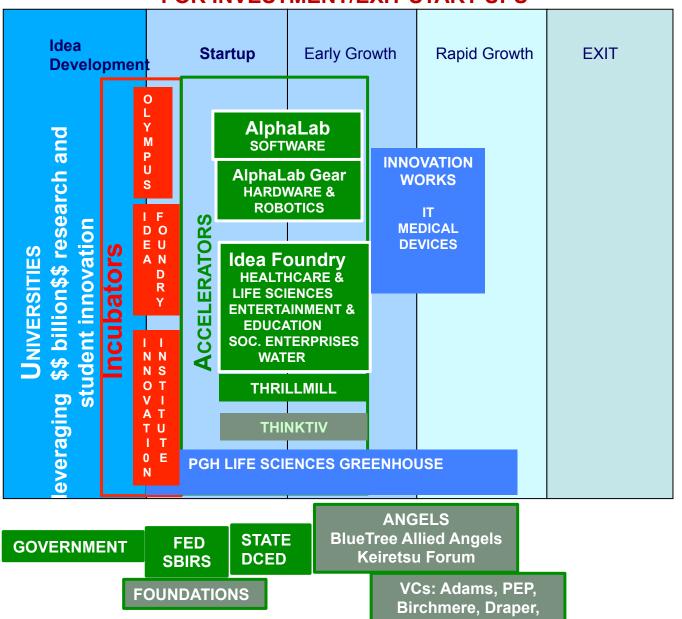
LifeStyle and Investment/Exit Startups



Q&A

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FOR INVESTMENT/EXIT START-UPS



FUNDING