



AUDITING INNOVATION DISTRICTS

Council on Metro Economies and the New American City

January 24, 2018

AUDITING AN INNOVATION DISTRICT

1. Critical Mass
2. Innovation Capacity
3. Diversity and Inclusion
4. Quality of Place
5. Leadership

The Oakland Innovation District

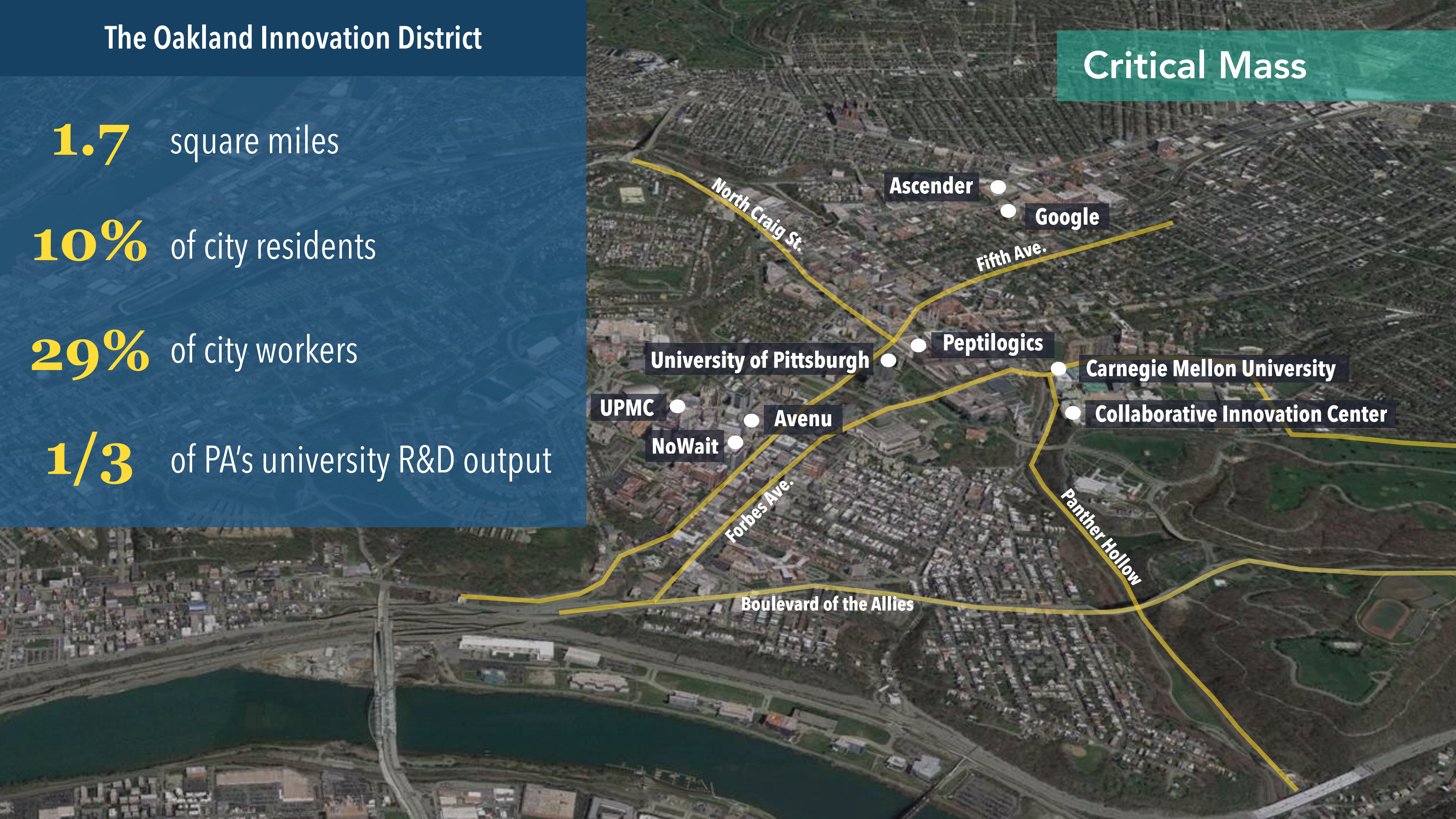
Critical Mass

1.7 square miles

10% of city residents

29% of city workers

1/3 of PA's university R&D output



PITTSBURGH

University Strengths

Innovation Capacity

All Pittsburgh Universities: R&D Funding and Scholarly Activity

2.3

concentration of **total R&D funding** (LQ relative to US)

3.5

concentration of **medical sciences R&D funding** (LQ relative to US)

8.3

concentration of **computer sciences R&D funding** (LQ relative to US)

4.1

concentration of **total publications** (LQ relative to US)

17.5

concentration of **robotics publications** (LQ relative to US)

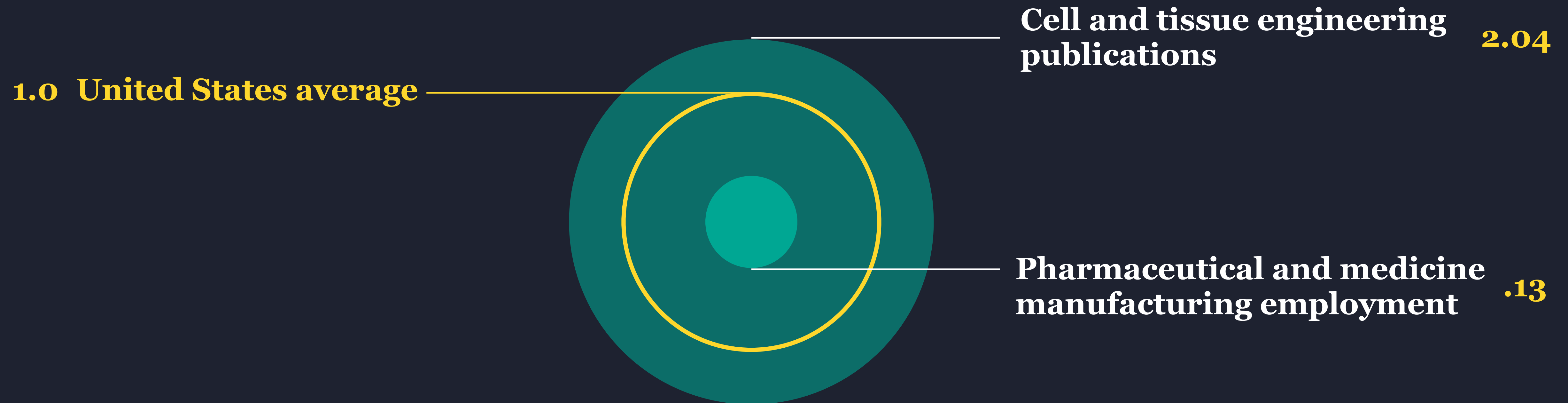
4.5

concentration of **critical care publications** (LQ relative to US)

INDUSTRY CLUSTERS

Innovation Capacity

research publications and industry employment, relative to US average



iii nowait STORY

Carnegie Mellon University



alphalab



innovation works

revv



birchmere
VENTURES

second round of funding (~\$15M); grew to 35 employees



iii

nowait

60 employees

acquired for \$40M



yelp

added 20 employees



riverfront ventures



Innovation Capacity

DEMOGRAPHICS AND WORKFORCE

Diversity & Inclusion

32,000

long-term
unemployed
residents

<1%

IT workers that are
African-American (v.
7% nationally)

40%

of city's rate of workforce
services utilization by
surrounding unemployed
residents

55%

health care occupations
do not require a BA

InnovatePGH

**BUILD AND SUPPORT
PITTSBURGH'S
INNOVATION
CLUSTERS**

**IMPROVE THE PIPELINE
OF HIGH-GROWTH
ENTREPRENEURS**

**CREATE AN INNOVATION
TALENT ALLIANCE
WITHIN THE OAKLAND
INNOVATION DISTRICT**

**DEFINE, BOLSTER, AND
CONNECT THE
OAKLAND INNOVATION
DISTRICT**



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