



Doubling Industry Collaborations: The Path to Greater Impact

September 15, 2021 | 1:45 - 2:30 PM ET



Moderator:
Robert Garces
EMD Serono



Joseph Havrilla
University of Pittsburgh

*Doubling
Industry
Collaborations
at Pitt*

For greater
research
impact

The Context

Greater industry collaboration can drive increased research impact

Pitt
A world class
research
institution

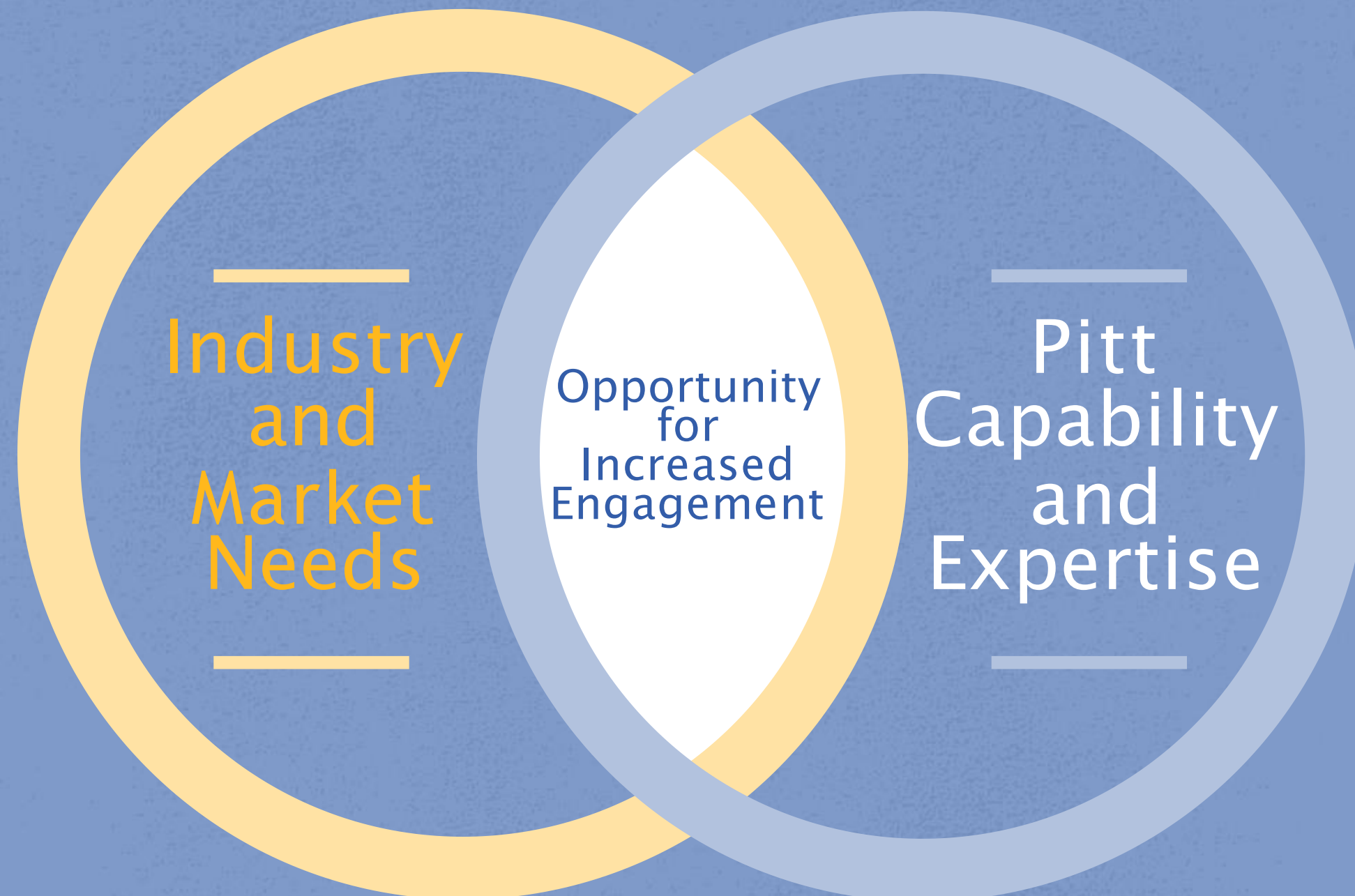
NIH Funding Agency	RANK*
Mental Health	2
Diabetes, Digestive and Kidney	3
Aging	5
Heart, Blood and Lung	6
Neurological Disorders and Stroke	12
General Medicine Sciences	16
Allergy and Infectious Diseases	21
Cancer Institute	25
Overall NIH Funding Rank	8

Pitt ranks **57** out of **135** universities with more than \$5mil in Industry Sponsored Research

* 2020 data

Identifying Opportunities

Matching Pitt's capabilities and research strengths to industry needs



What we did

An externally supported study combining industry and faculty interviews, data analytics, market research and peer benchmarking

MARKET RESEARCH



PEER BENCHMARKING



INDUSTRY INTERVIEWS



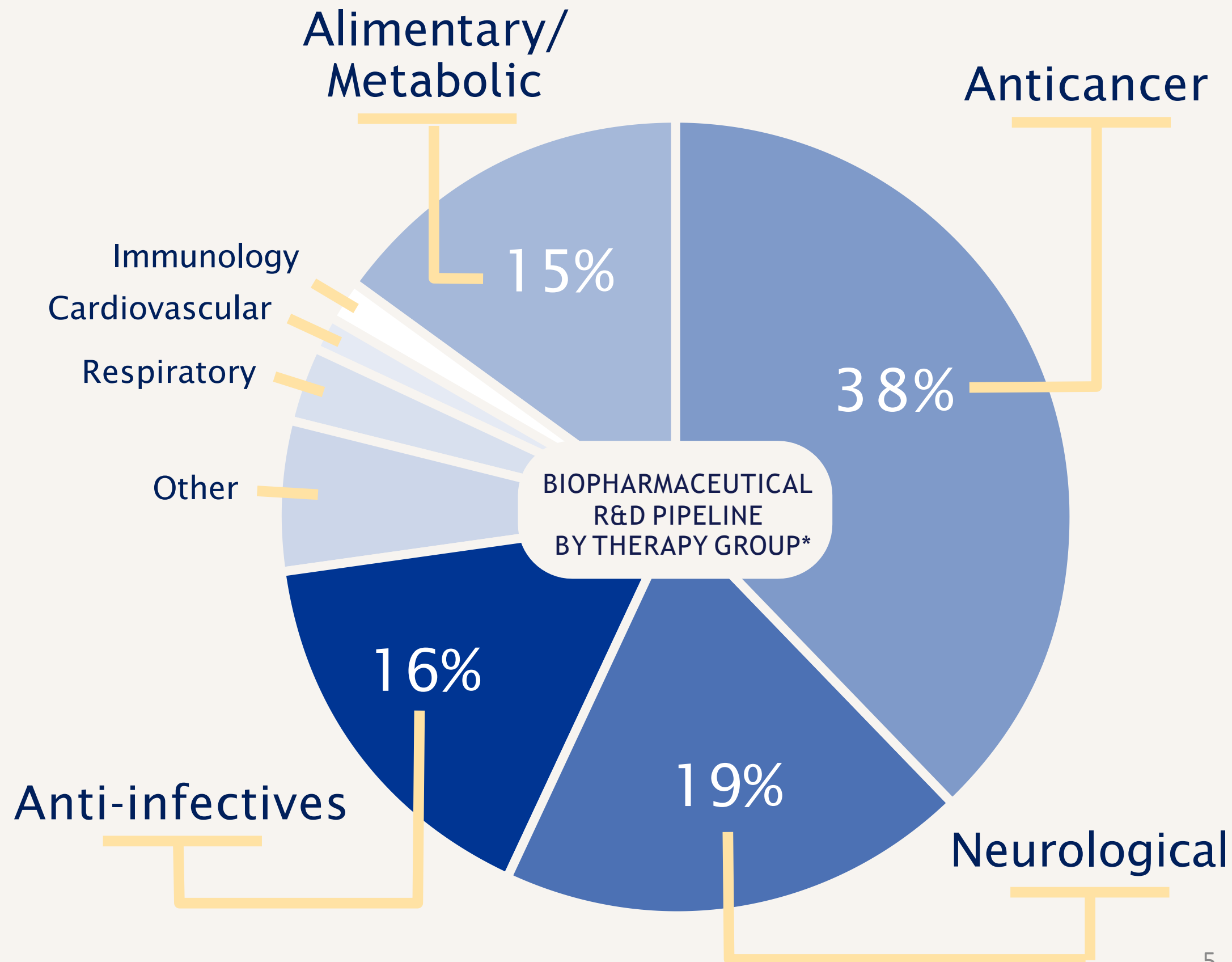
FACULTY INTERVIEWS



DATA ANALYTICS

INDUSTRY ANALYSIS

A majority of Life Sciences industry R&D investment is made in 4 therapy groups

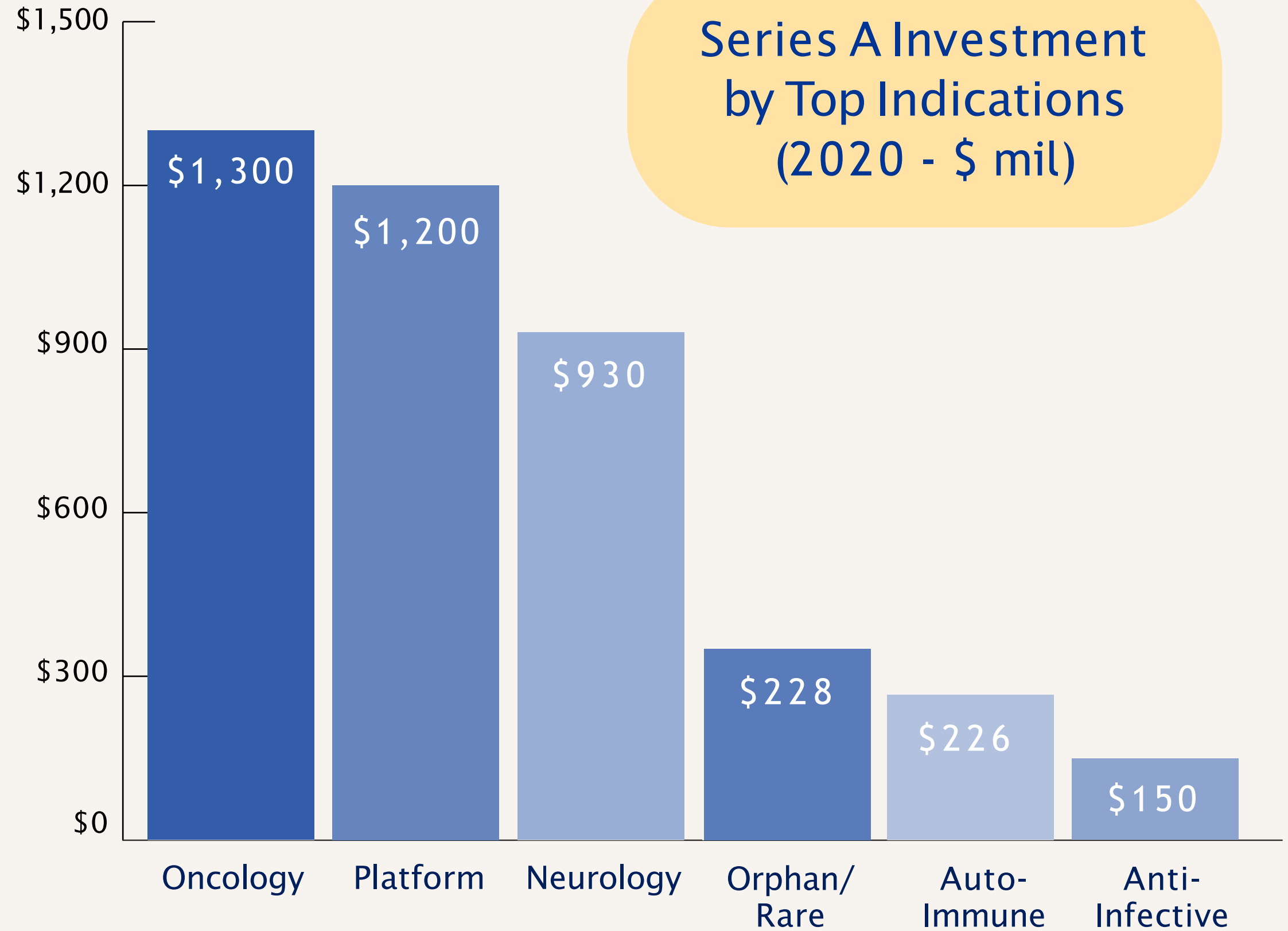


*2020 data

INDUSTRY ANALYSIS

Venture Capital investment reflects similar priorities to industry

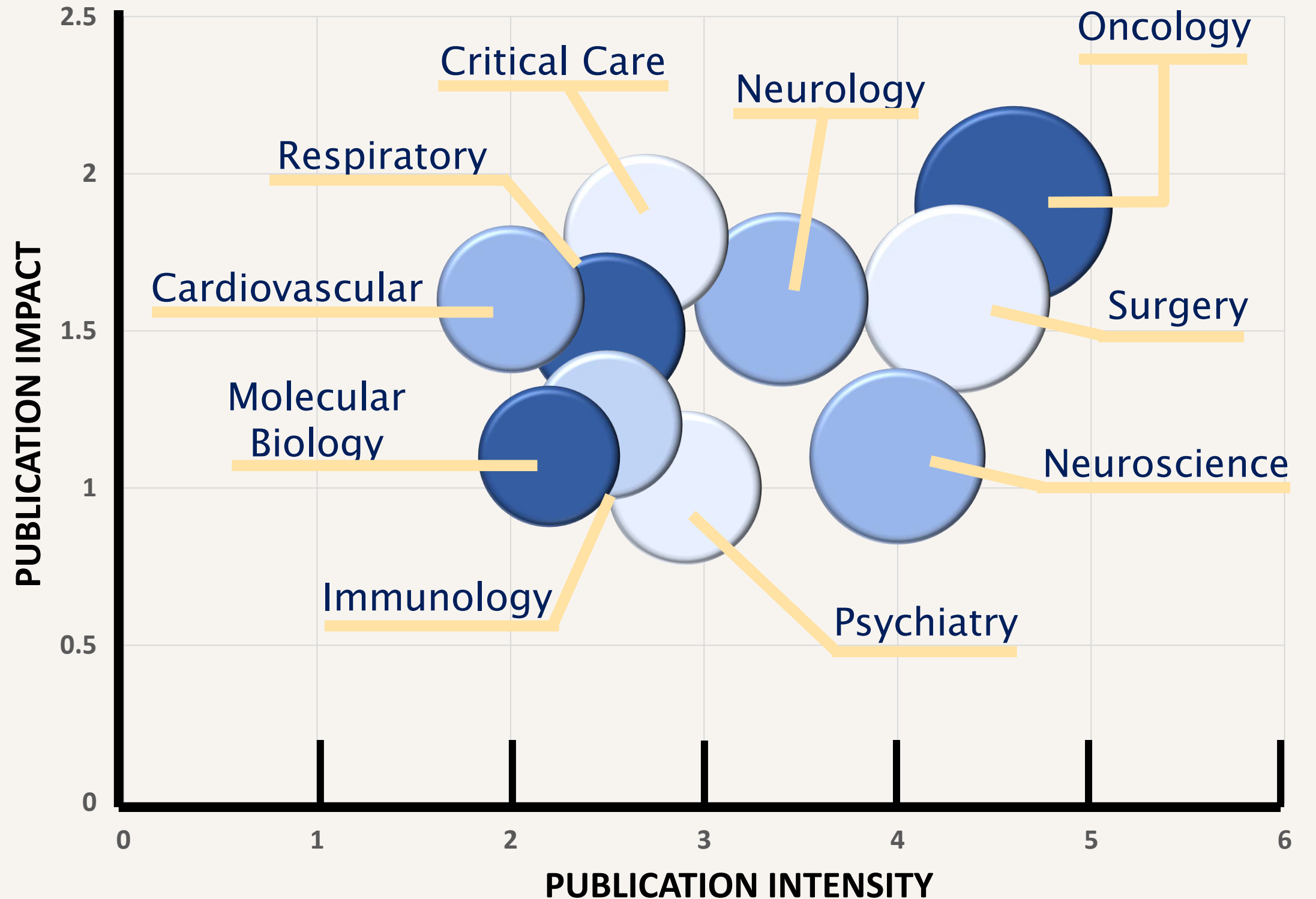
9/9/2021



*2020 data

PITT ANALYSIS

Pitt top 10 subject areas with higher than - average publication intensity and impact



Key Takeaways

1

Pitt has a **substantial opportunity** to increase industry collaboration.

2

Robust industry collaboration is an **important element** in driving research impact.

3

Oncology, neuroscience, ophthalmology and platform technologies represent the **best opportunities**.

4

A **partnering culture** with supporting infrastructure is a key to success.

Matching Expectations

Industry Needs

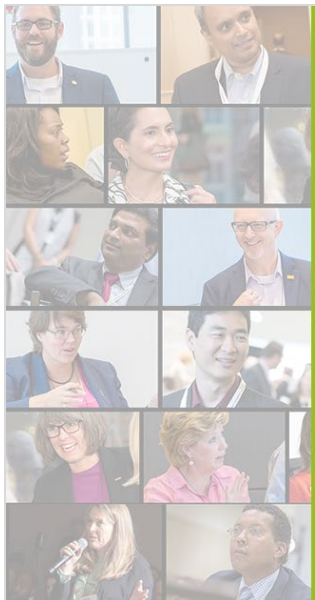
- Best science in areas of interest
- Ease of engagement
- Flexible contracting terms
- Responsiveness
- Intellectual Property / Freedom to Operate
- Confidentiality

University Needs

- Common research interests
- A path to commercialization
- Academic freedom
- Publication flexibility
- Access to complimentary skill sets, tools and models



Breakout Sessions



Joint Efforts to Maximize Impact: Dual-Institution Academic Programs

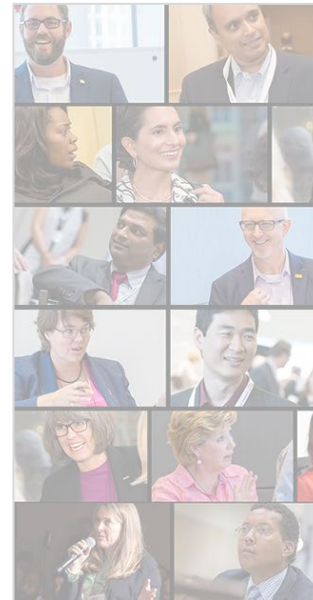
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Moderator:
April Duerson
Schlumberger



Sherine Obare
UNCG and North Carolina A&T
State University



Creating Collaborative Spaces Post-COVID-19

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Moderator:
Jaime Camelio
University of Georgia



Chris Lambert
CannonDesign



Brandy Houston
CannonDesign



Strengthening
University-Industry
Partnerships

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Strengthening
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