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★ Landscape Paper for Pathways to the  
Doctoral Degrees in the Quantitative ★  
Sciences

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# Agenda

**01**

## Motivation

Why am I Here

**02**

## History

What brought me here

**03**

## Proposal

What we are thinking...

**04**

## Ask

What we are asking

**05**

## Discussion

You can describe the topic  
of the section here

# 01 ✨ Motivation ✨

Why am I Here



**There is No Place  
Like This**

# 02 ✨ History ✨

What brought me Here

# Physics Decided That “The Time is Now”

## Timeline

- In 2020, AIP wrote a Landscape paper called the “The Time is Now”
- This paper has several bold recommendations, one of which was a \$50M endowment to generate \$2.5M in yearly revenue
- In 2022, Michael Maloney, CEO of AIP met with Simons and used this document to make the case.
- Were Funded for \$12.5M
- Read the press release:  
<https://tinyurl.com/AIPTeam-Up>
- What they are doing:  
<https://www.teamuptogether.org/>

Read the Paper Here



# Time is Now Continued

## Goal of the Paper

*“Changing the culture of physics and astronomy departments so that the number of African American students graduating with physics degrees will double by 2030 is critical to the future of science and our society.”*

Beth Cunningham  
Chief Executive Officer  
American Association of Physics Teachers-

**AIP Awarded \$12.5 Million Grant to Roll Back Underrepresentation of Undergraduate African Americans in Physics, Astronomy**

APR 05, 2022



# TEAM UP TOGETHER

LEAD PARTNERS



# 03 ✨ Proposal ✨

Can We Do Something Similar?





# What would it Look like to...

- Bring our resources together
- Creating a working group
- Write a Landscape Paper with recommendations
- Leverage it to apply for funding

**Goal:** Get a comprehensive document and concrete set of recommendations on increasing the number of African Americans in Ph.D programs in the quantitative sciences.



# How might the process be different from Physics?

- More Partners
- More involvement in the K-12 Space
- Different set of recommendations

# 04 ✨ The Ask ✨

We Can We Do?



## Please Consider...

- Think about how your organization might want to contribute to the working group in terms of personnel or resources
- What data do you have that would help with a landscape analysis that you are able to share?
- The benefits to you, your organization and the mathematical community in participating in this effort.



# Who interested and thinking about this now...

- Asamoah Nkwanta, Dennis Davenport, Idris Stovall, Abbe Herzig, Charlie Steinhorn, Duane Cooper, Michael Young, Craig Wesley, and others



# 05 Discussion



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Thank You!



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