



**THE OHIO STATE UNIVERSITY**

WEXNER MEDICAL CENTER

# DISCOVERY Postbaccalaureate Research Education Program

Director: Candice Askwith, PhD

# Discovery PREP

**Candice Askwith**, Associate Professor in The Department  
of Neuroscience

Director of Discovery PREP

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through the Department of Research Education



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# Discovery PREP

1 year Postbaccalaureate Program.

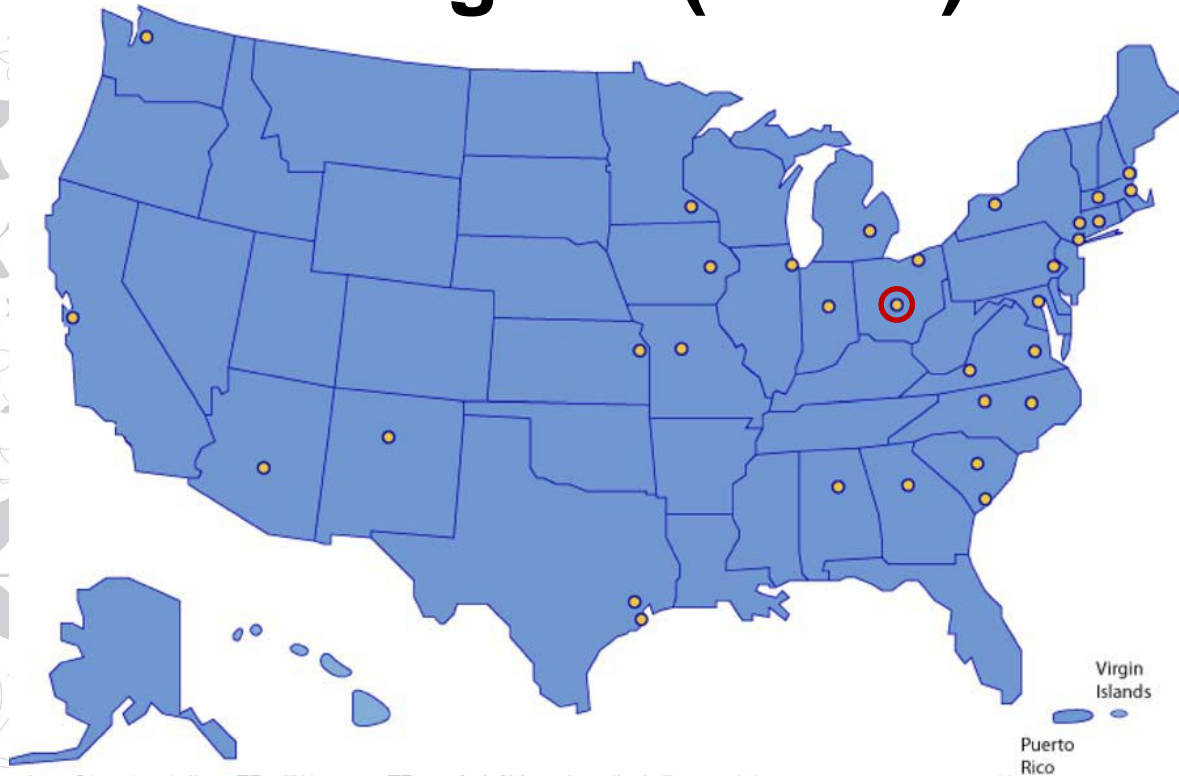
Designed to promote entry of passionate young scientists into PhD programs in the Biomedical Sciences.

Supported by the College of Medicine and an R25 award from the National Institute of General Medical Sciences (Training, Workforce Development, and Diversity).



#R25GM089571

# Post-Baccalaureate Research Education Program (PREP) Institutions



32 Institutions across the country maintain PREP programs

# Discovery PREP

- Encourage individuals from underrepresented groups to pursue a research doctorate in the biomedical sciences.
  - Research Experience
  - Support for Graduate School Applications
    - GRE Test Preparation
    - Workshops in application preparation
  - Professional Development Workshops
  - Travel to National Scientific Conferences



# Discovery PREP



## **Research Experience:**

Scholars choose from select research mentors and **work** in biomedical research labs on campus (or at Nationwide Children's Hospital) for the year.

They write a research plan, attend journal clubs, lab meetings, an ethics course, and present their scientific findings at the OSUMC Research Day

# Discovery PREP



## **Support for Graduate School Applications**

GRE Test Preparation

Workshops in writing personal statements and CV building.

# Discovery PREP

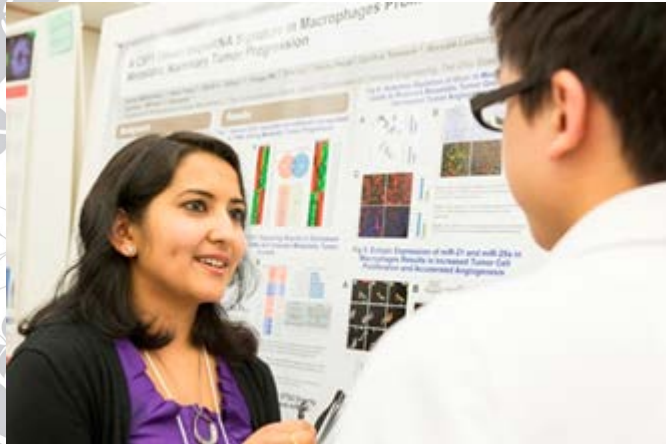


## **Professional Development Workshops**

Interviewing, networking, managing stress, goal setting and using an individual development plan (IDP).



# Discovery PREP



## Support to Travel to National Conferences

ABRCMS

Other scientific meeting with the host lab

# Discovery PREP



5 PREP scholars are selected each year (applications accepted from December to April with rolling admission).

The program starts in June (with applications to graduate school submitted in November) and runs 1 full year.

Discovery PREP Scholars 2016-2017

# Discovery PREP

## Successful Applicants:

Demonstrated enthusiasm for scientific research (some experience outside of typical undergraduate course work).

Within 36 months of graduating from their Undergraduate Institution.

US citizen or permanent resident.

Members of an underrepresented group as defined by NIH (required for support from the R25 award).

Typical GPA >3.0\* (average is 3.6).

[https://medicine.osu.edu/research\\_ed/postbacs/discoveryprep/Pages/index.aspx](https://medicine.osu.edu/research_ed/postbacs/discoveryprep/Pages/index.aspx)



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## Discovery PREP

Postbaccalaureate - Biomedical PhD

Candice Askwith

Katie Blair

## MEDPATH

Postbaccalaureate - MD

Leon McDougale

Nikki Radcliffe

<https://medicine.osu.edu/students/diversity/programs/medpath/pages/index.aspx>

## SUCCESS

Summer Research Experience for Undergraduates  
PhD or MD/PhD

Larry Kirchner

Ashley Bertran

<https://medicine.osu.edu/mstp/success-program/Pages/index.aspx>

## BD2K at OSU

Postbaccalaureate – PhD Biomedical Big Data Science  
Kun Huang (Department of Biomedical Informatics)