

125
YEARS
THE WISTAR INSTITUTE



RESEARCH. DISCOVERIES. BREAKTHROUGHS.





Our History



- Founded in 1892 by General Isaac J. Wistar in memory of his great uncle, Dr. Caspar Wistar.
- The Wistar Institute is the nations oldest independent private biomedical research institute.
- Wistar received CCSG Grant in 1972 and has been funded by NIH/NCI continuously for 40 years. Received a rating of “Excellence” in 2015.



Who we are now:



TOTAL EMPLOYEES (PAID)

263



PREDOCTORAL FELLOWS

22



LABS

28



VISITING SCIENTISTS

9



POSTDOCTORAL FELLOWS

45



COUNTRIES REPRESENTED

32

125
YEARS
THE WISTAR INSTITUTE



Community
College
of Philadelphia
The Path to Possibilities.





Mission Statement

The mission of the Biomedical Technician Training Program is to provide associate degree-level undergraduate students with advanced skills and training in the research laboratory for a career path to basic and applied biomedical and cancer research at The Wistar Institute and other prestigious biomedical research labs in the region.





The Biomedical Technician Training Program

714 Hours of Real-World Experience in Discovery Research



Year One = Research Training
(294 hours in the laboratory)
Orientation + Laboratory Practicum

Year Two = Team Building Research Experience
(420 hours in the laboratory)
12-Week Internship



Fast forward 18 years:

- The program successfully brings under-represented minorities and women to STEM fields: of the 130 (71%) students that completed the program **56%** are **underrepresented minorities** and **72%** are **women**
- Program's impact on workforce development is measurable and positive: **51%** found **research assistant positions related to their training** directly after completing the program
- After completing a further degree a total of **63%** found research assistant positions





BTT Expansion Opportunity



- Create a credentialed Biomedical Research Apprenticeship program with the State of Pennsylvania- unique in US





Why Apprenticeship?

- Wistar's way to add value and positively impact the local community in a manner that aligns with what we do best.
- Creates opportunities for Wistar and trainees with new employers, funders and non-profits interested in STEM Workforce Development
- Further builds and strengthens biomedical workforce in Philadelphia as it becomes a life science hub

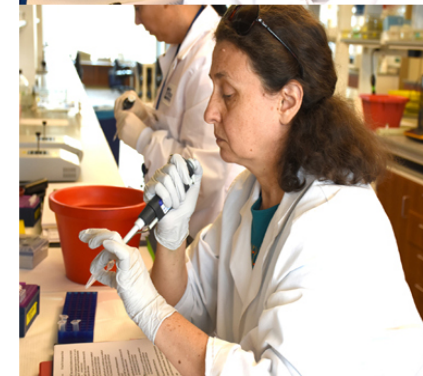
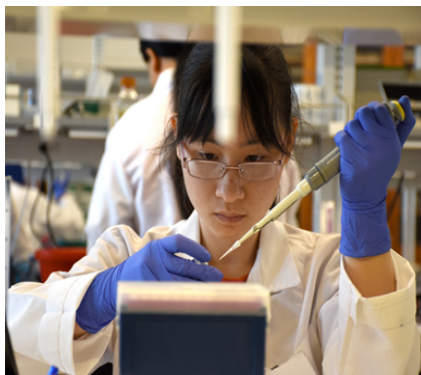


Apprenticeship Structure

- 2000 hours of experiential training and 144 hours of curriculum
- BTT program is a pre-requisite (714hrs) to the apprenticeship
- Program administered at Wistar and coursework at CCP and Wistar
- Wistar and external affiliates act as employers/sponsors of apprentices (Invisible Sentinel, Integral Molecular, University of the Sciences)



The Wistar Institute salutes its
**Biomedical Research
Training Apprenticeship**
as the first non-traditional
research apprenticeship
in the nation.





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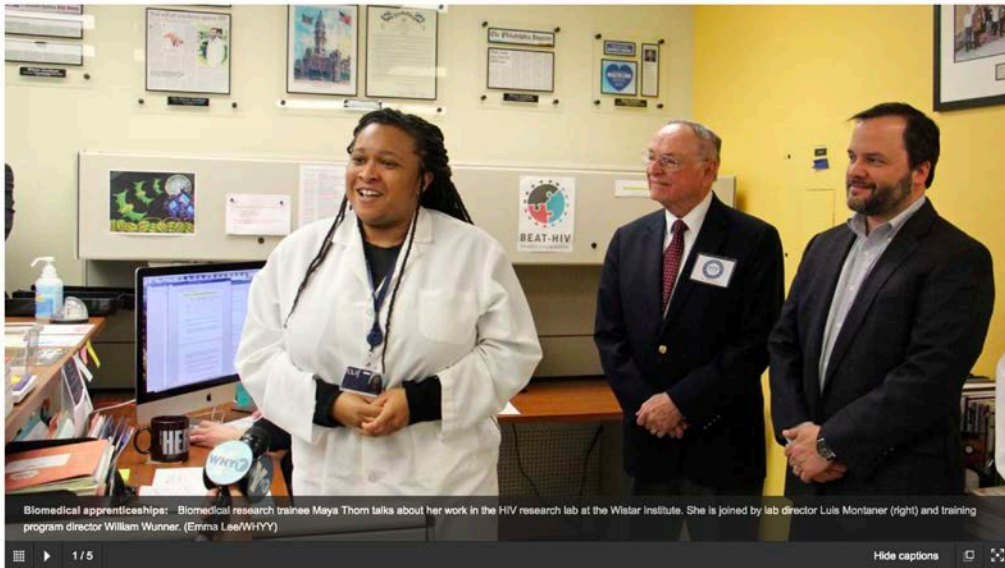
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MAY 30, 2017

Wistar Institute starts apprenticeship program for biomedical lab techs



Biomedical apprenticeships: Biomedical research trainee Maysa Thom talks about her work in the HIV research lab at the Wistar Institute. She is joined by lab director Luis Montaner (right) and training program director William Wunner. (Emma Lee/WHYY)



BY KATIE COLANERI

ABOUT

FOLLOW

CONTACT

Splitting baby hamster kidney cells. Performing quality control checks on RNA.

It's all in a day's work for a biomedical-research lab technician in one of the fastest-growing fields in Philadelphia and nationwide.

The Philadelphia-based Wistar Institute has launched an apprenticeship program to help the next generation of lab techs learn how to do their jobs while getting paid. It's part of a state effort to give more workers on-the-job training.



SUPPORT PROVIDED BY



Business — Labor and Unions

Wistar helps community college grads get hard-core science jobs

Updated: MAY 30, 2017 — 9:37 PM EDT



ED HILLE / STAFF PHOTOGRAPHER

Mayor Jim Kenney and PA Labor Secretary Kathy Manderino meet biomedical technician trainee Amanda Moran as they joined administrators at the Wistar Institute for a tour to introduce a new biomedical research technician apprenticeship program. ED HILLE / Staff Photographer



by Jane M. Von Bergen, Staff Writer @JaneVonBergen | jvonbergen@phillynews.com



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Acknowledgements of Support



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