

RESEARCH FORWARD

HOWARD UNIVERSITY
OFFICE OF RESEARCH 2(2)



Office of
Research



FACULTY RESEARCH GRANT AWARD HIGHLIGHTS

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**Faculty Research
Grant Award
Highlights**

**Interdisciplinary
Research, Community
Health, and BLACK
HISTORY MONTH**

**Office of Research
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**Office of Research in
Collaboration with
Pfizer Joined by the
College of Pharmacy
Launch a Series of
Faculty and Student
Pfizer 3D Drug
Discovery and
Development
Workshops**

**EARLY CAREER
ACHIEVEMENT: HU
Six Faculty Recipients
of the Highly
Prestigious NSF Early
Career Award (2016 -
2021)**

Legand Burge, Professor
of Computer Science,
**College of Engineering
& Architecture**,

will focus on the
data science
training component
of a major NIH
national initiative.



Operating under
the auspices of the \$15
million *NIH Artificial
Intelligence/Machine Learning
Consortium to Advance Health
Equity and Research Diversity*

(AIM-AHEAD), the data
science training component
“*aims to develop, expand, and
strengthen education programs at
the certificate, undergraduate
graduate, and professional levels
within the artificial intelligence
and machine learning fields*”
according to Dr. Burge.

Dana Williams, *Initiatives Grant*.
Professor and Dean of the
Graduate School has been
awarded the 2022 *National Endowment
for the Humanities*

The \$150,000
award is to
support the
development
and launch of an
interdisciplinary
studies graduate



focus on “*Black
Digital
Humanities*.”

certificate in the
digital humanities
with a particular

Interdisciplinary Research, Community Health, and **BLACK HISTORY MONTH**

“Social Determinants of Health” Funding Opportunities

Robert Woods Johnson Foundation - - *Evidence for Action: Innovative Research to Advance Racial Equity* - - <https://www.rwjf.org/en/library/funding-opportunities/2021/evidence-for-action--innovative-research-to-advance-racial-equity.html>;

Robert Woods Johnson Foundation - - *Pioneering Ideas: Exploring the Future to Build a Culture of Health* - - <https://www.rwjf.org/en/library/funding-opportunities/2020/pioneering-ideas-2020-exploring-the-future-to-build-a-culture-of-health.html>;

The Commonwealth Fund - - <https://www.commonwealthfund.org/grants>;

Josiah Macy, Jr Foundation, *Macy Faculty Scholar* - - <https://macyfoundation.org/our-grantees/apply>;

Jacob and Valeria Langeloth Foundation - - <https://www.langeloth.org/apply>;

William T. Grant Foundation - - *Research Grants on Reducing Inequality* - - <http://wtgrantfoundation.org/grants/research-grants-reducing-inequality>;

William T. Grant Foundation - - *Research Grants on Improving the Use of Research Evidence* - - <http://wtgrantfoundation.org/grants/research-grants-improving-use-research-evidence>.

Office of Research

Central Contacts

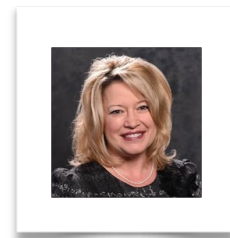
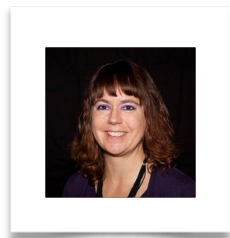
Dr. Bruce Jones, Professor and Vice President for Research
Ms. Dana Hector, Executive Director, Research Administration Services
Mr. Andre Lane, Senior Program Director, Research Administration Services
Dr. Kera Lawson, Executive Director, Research Development
Ms. Pamela Clarke, Director, Research Development
Mr. Terry Adams, Intellectual Property, Faculty Innovation, and Marketing Specialist
Mr. Crawford Taylor, Facilities Manager, Interdisciplinary Research Building (IRB)
<https://research.howard.edu/>
<https://research.howard.edu/about/leadership>



**Office of Research in Collaboration with Pfizer, Inc. joined by the
College of Pharmacy Launch a Series of Faculty and Student
*Pfizer 3D Drug Discovery and Development Workshops***

Key Workshop Topics:

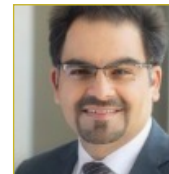
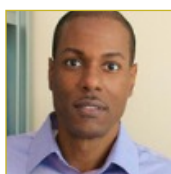
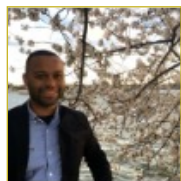
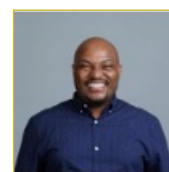
- What does it take to develop an innovative drug from early target ideas through clinical trials to the market?
- What are the key decisions that the project team has to make in order to shorten the development time, contain costs, and beat the competition in the marketplace?
- How do internal and external investors trade off critical factors (technical, financial, regulatory and commercial) to maintain a competitive portfolio for long term growth?
- What are the kind of time, money, and risk trade-offs teams have to consider as they advance a project?



Presenter, Dr. Megan Robinson, Director R&D Scientific Learning Pfizer (l); HU Contact, Dr. Kera Lawson, Executive Director, Office of Research, Howard University (c); Presenter, Dr. Pamela Smith, Senior Director, Pfizer (r).

EARLY CAREER ACHIEVEMENT

Howard University Six Faculty Recipients of the Highly Prestigious National Science Foundation (NSF) Early Career Award (2016-2021)



Top Row: Dr. Pratibha Dev, College of Arts & Sciences; Dr. Tao Wei, College of Engineering & Architecture; Dr. Curtis Cain, School of Business.
Bottom Row: Dr. Thomas Searles, College of Arts & Sciences; Dr. Michael Campbell, College of Arts & Sciences; Dr. Hessam Yazdani, College of Engineering & Architecture.



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