

**WELCOME TO THE
BIG DATA HEALTH SCIENCE CENTER
URM LUNCHEON 2024**

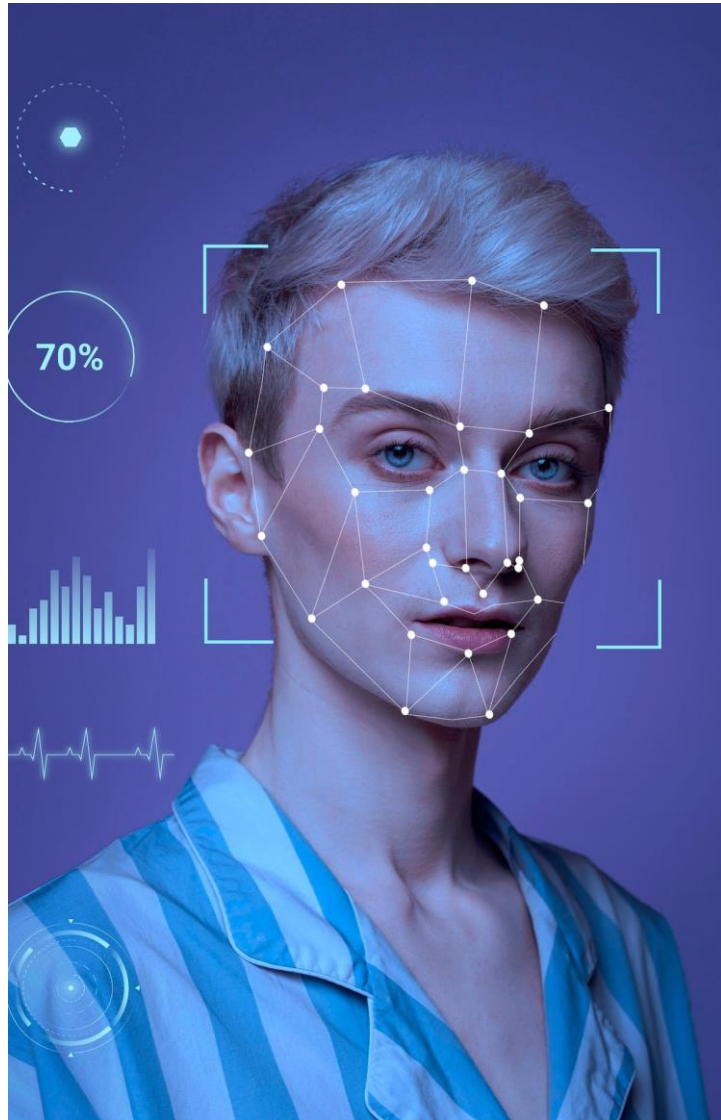


Big Data Health Science Center

UNIVERSITY OF SOUTH CAROLINA

AGENDA

- Welcome and Introduction – Dr. Banky Olatosi
- Institutional value of diversity & URM involvement in the Sciences – Dr. Julian Williams
- Significance of Diversity, Equity, and Inclusion – Dr. Kay Thomas
- NIH's Interest in URM Workforce Development – Dr. Raphael D. Isokpehi
- New Training Opportunity for URM – Dr. Banky Olatosi
- Group Q & A
- Student - Faculty discussion among tables



Exploring the Power of Interactive AI: Revolutionizing Human- Machine Interaction



INTRODUCTION

An overview of *Interactive AI* and its impact on **human-machine interaction**. Exploring the potential of AI to revolutionize communication and collaboration. Understanding the role of AI in shaping the future of technology and society.



Tracing the evolution of AI from basic automation to **Interactive Intelligence**. Highlighting the advancements in **natural language processing, machine learning, and cognitive computing**.



Addressing the ethical implications of
AI Interactions.

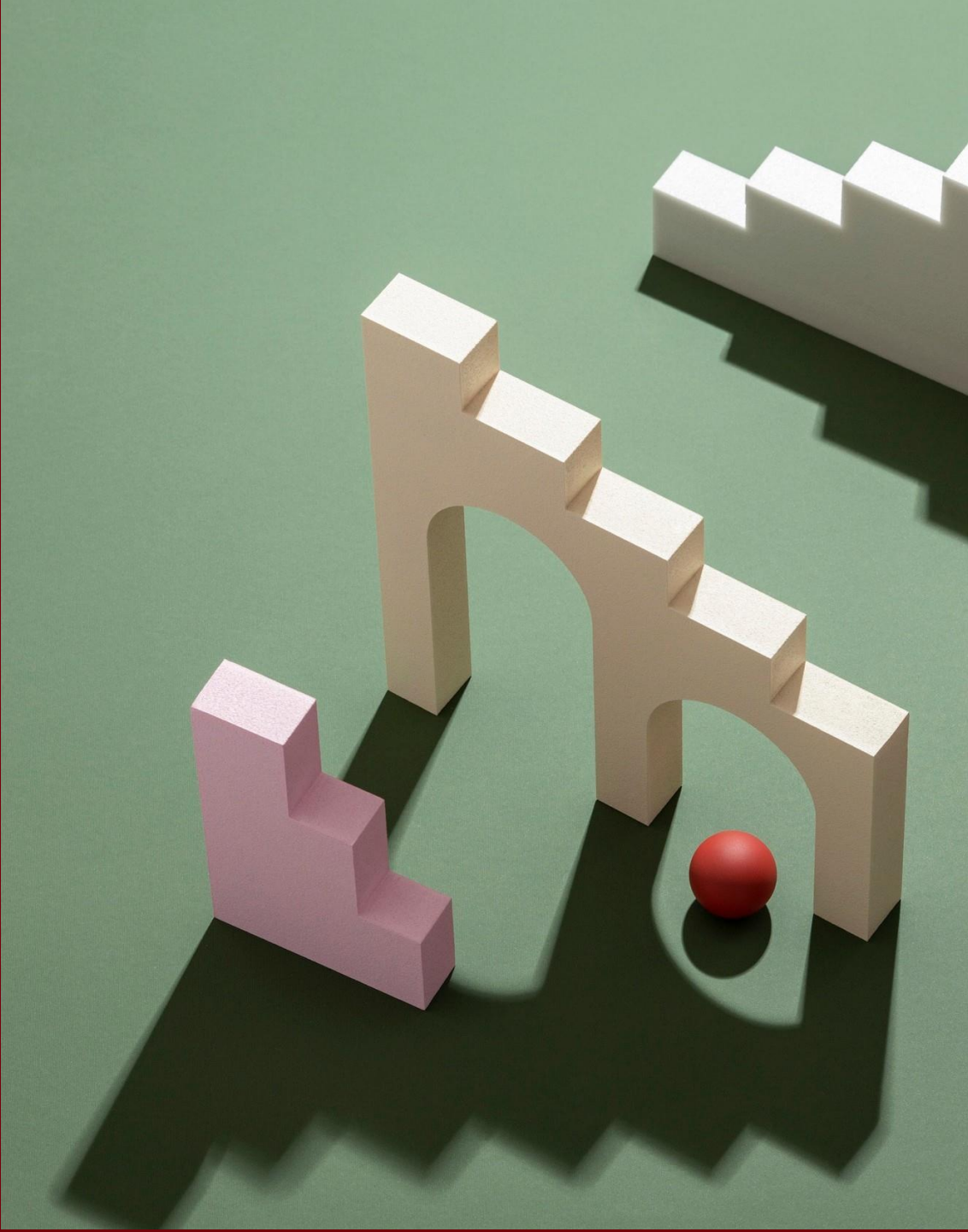
Discussing privacy concerns, data security,
and the impact of AI on employment.

Exploring the need for ethical
guidelines and regulations to govern
AI interaction.



UNDERSTANDING AI CAREERS

Discover the **diverse** roles in AI, from data scientists to machine learning engineers. Learn about the growing demand for AI professionals and the potential for **minorities** to excel in this field.



CHALLENGES IN AI DIVERSITY

Explore the **barriers** faced by **minorities** in accessing AI career opportunities. Understand the impact of **unconscious bias** and lack of representation in the industry.

EMPOWERING MINORITIES IN AI

Discover strategies for empowering minorities in AI, including **mentorship programs, networking opportunities, and skill-building initiatives.**





LEARN FROM OTHERS

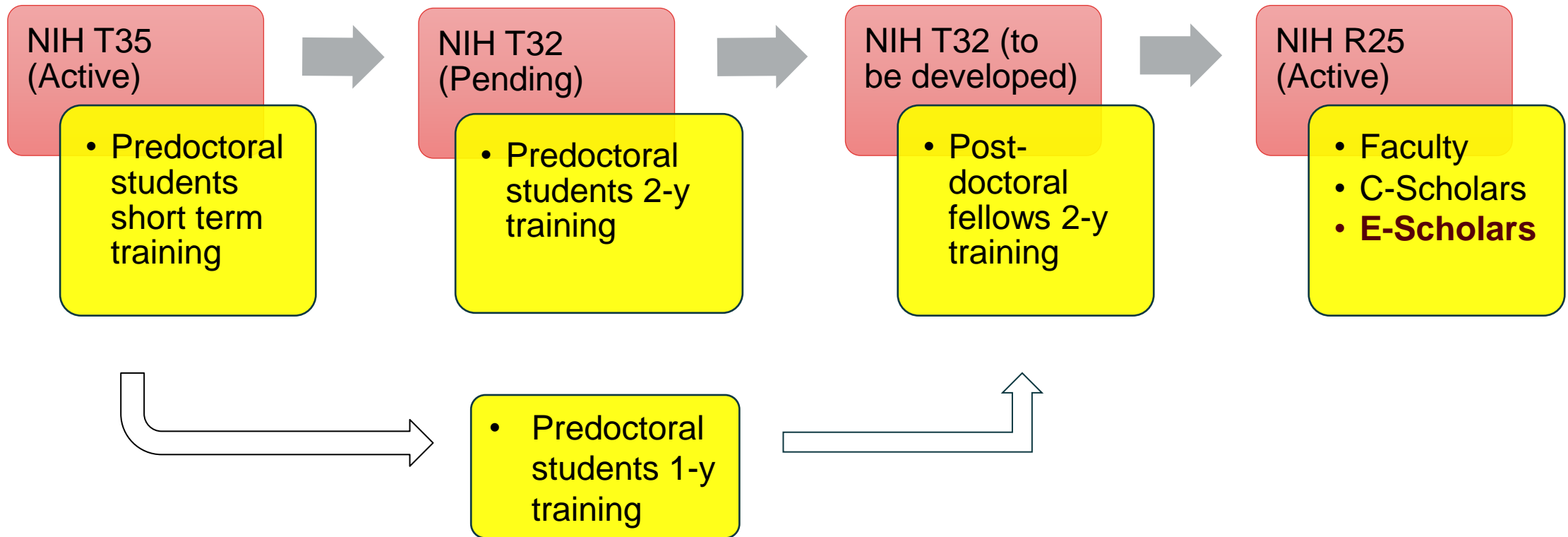
Highlighting inspiring success stories of URM faculty thriving in scientific careers. Learn from their experiences and gain insights into overcoming challenges and Achieving Excellence in the field.

TRAINING PROGRAMS

BDHSC is developing a full spectrum of health science training programs that cover the spectrum from Community Scholars, Underrepresented Minorities, other students to Junior faculty. Current programs include:

- **Big Data Health Science Scholar Program for Infectious Diseases**
- **Big Data Health Science Fellow Program in Infectious Disease Research**
- **Community Scholar**
- **E-Scholar**
- **Health GIS Scholar Program**

RESEARCH TRAINING PIPELINE



NOW ACCEPTING APPLICATIONS

Big Data Analytics Emerging Scholar (e-Scholar) Training Program for underrepresented minority undergraduate students

- Receive a research stipend of \$1,500 per semester (total of \$3,000)
- Financial support and housing provided for the 6-week training institute and two retreats held on the USC Columbia campus
- Receive up to \$1,500 to attend, network at, and/or present at a regional or national conference



Big Data Health Science Center
UNIVERSITY OF SOUTH CAROLINA

SCAN FOR MORE
INFORMATION ABOUT
ELIGIBILITY AND
HOW TO APPLY.



**THANK YOU
QUESTIONS**

CONTACT

MIRANDA NIXON, MD: MC95@MAILBOX.SC.EDU
BANKY OLATOSI, PHD.: OLATOSI@MAILBOX.SC.EDU



Big Data Health Science Center
UNIVERSITY OF SOUTH CAROLINA