WSSU

Biomedical Research Infrastructure Center

Biomedical Research Infrastructure Center

Annual Biomedical Research Conference for Minority Students
2019
Anaheim, CA
November 13-16-2019

"RED SEA OF SCIENCE!"

R.I.S.E. group picture, Dr. Mamudu Yakubu, Director (far left) and Dr. Patricia flowers (far right)

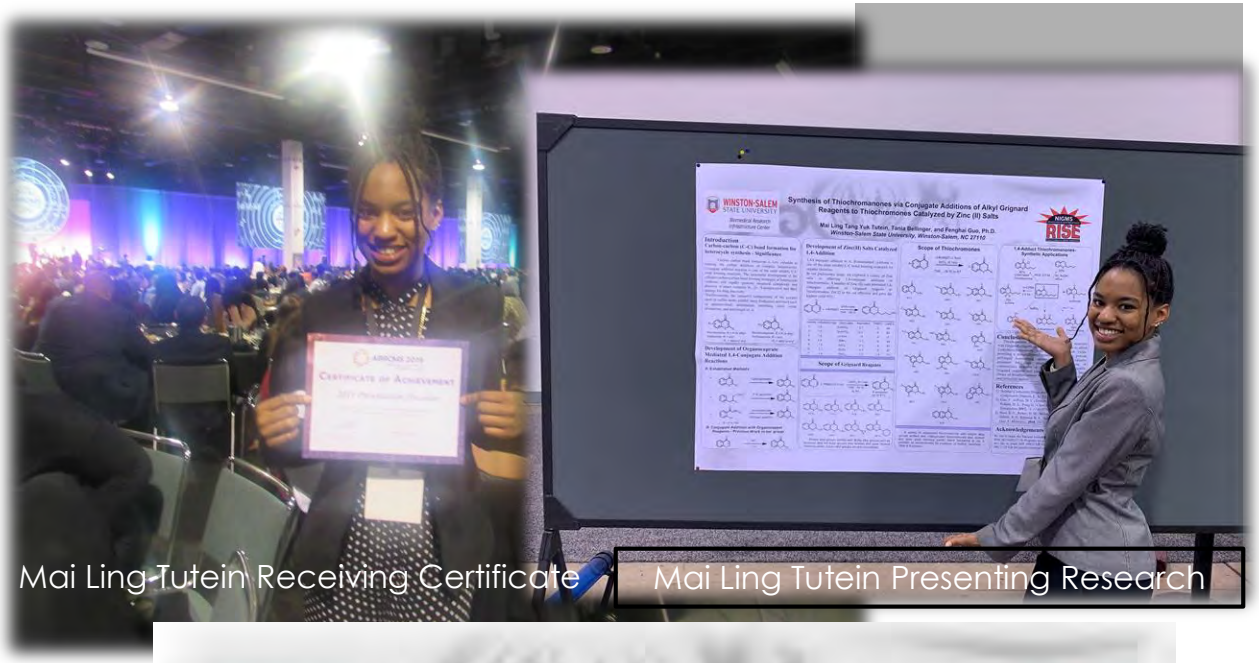
CONGRATULATIONS

Mai Ling Tang Yuk Tutein
Sophomore

Winner: Chemistry

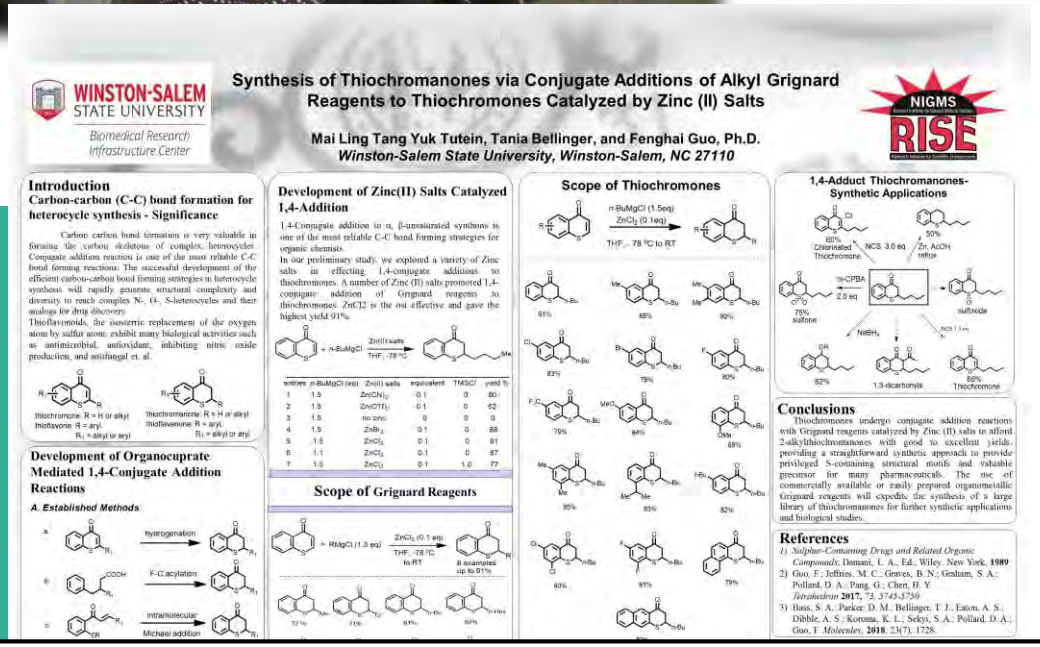
Best Poster Presentation

Synthesis of Thiochromanones via Conjugate Additions of Alkyl Grignard Reagents to Thiochromones Catalyzed by Zinc (II) Salts



Mai Ling-Tutein Receiving Certificate

Mai Ling Tutein Presenting Research



WINSTON-SALEM STATE UNIVERSITY
Biomedical Research Infrastructure Center

Synthesis of Thiochromanones via Conjugate Additions of Alkyl Grignard Reagents to Thiochromones Catalyzed by Zinc (II) Salts

Mai Ling Tang Yuk Tutein, Tania Bellinger, and Fenghai Guo, Ph.D.
Winston-Salem State University, Winston-Salem, NC 27110

NIGMS RISE

Introduction
Carbon-carbon (C-C) bond formation for heterocycle synthesis - Significance

Development of Zinc(II) Salts Catalyzed 1,4-Addition

Scope of Thiochromones

1,4-Adduct Thiochromanones- Synthetic Applications

Development of Organocuprate Mediated 1,4-Conjugate Addition Reactions

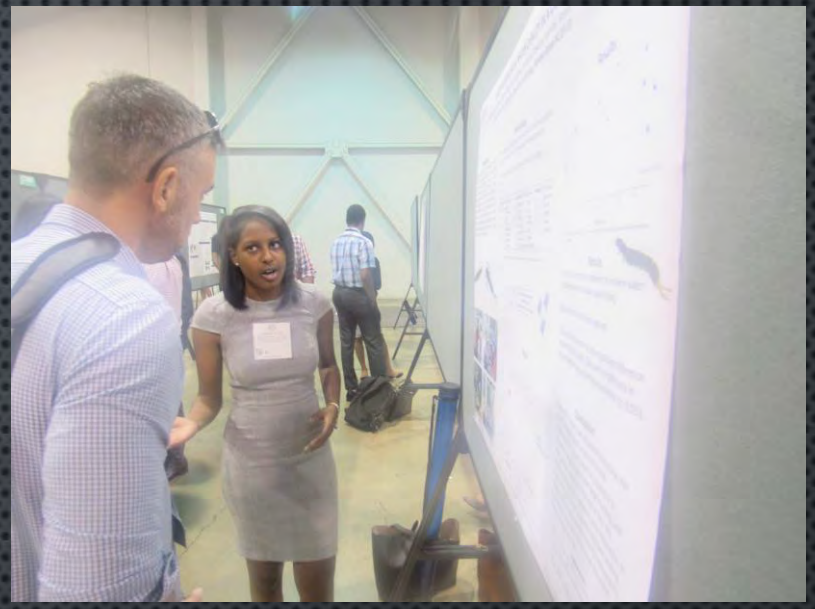
Scope of Grignard Reagents

Conclusions

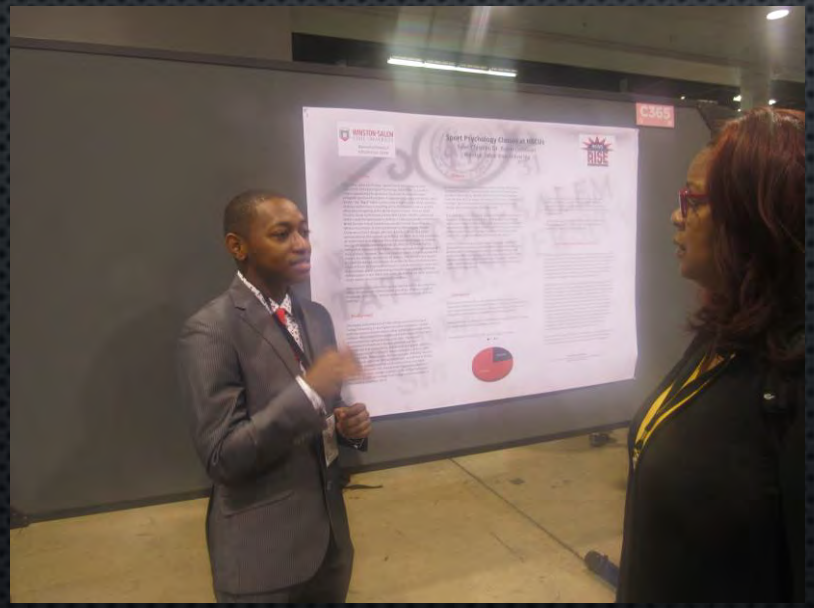
References

Scientific Poster
Synthesis of Thiochromanones via Additions of Alkyl Grignard Reagents to Thiochromones Catalyzed by Zinc (II) Salts

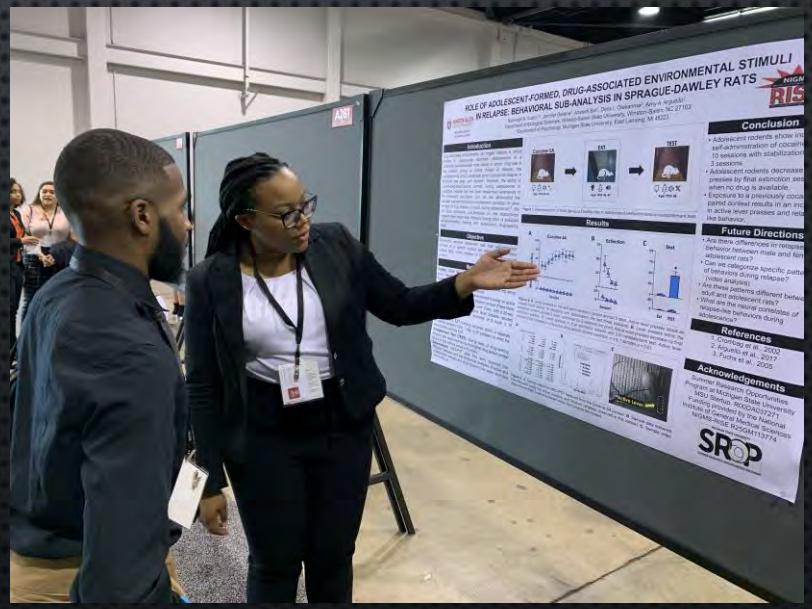
Dustin Sellers Presenting Research



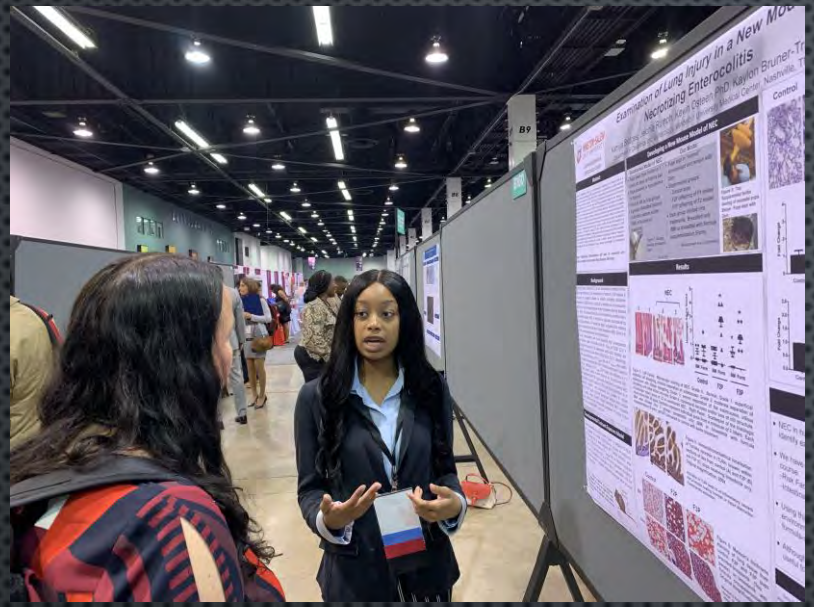
Anijah Carter Presenting Research



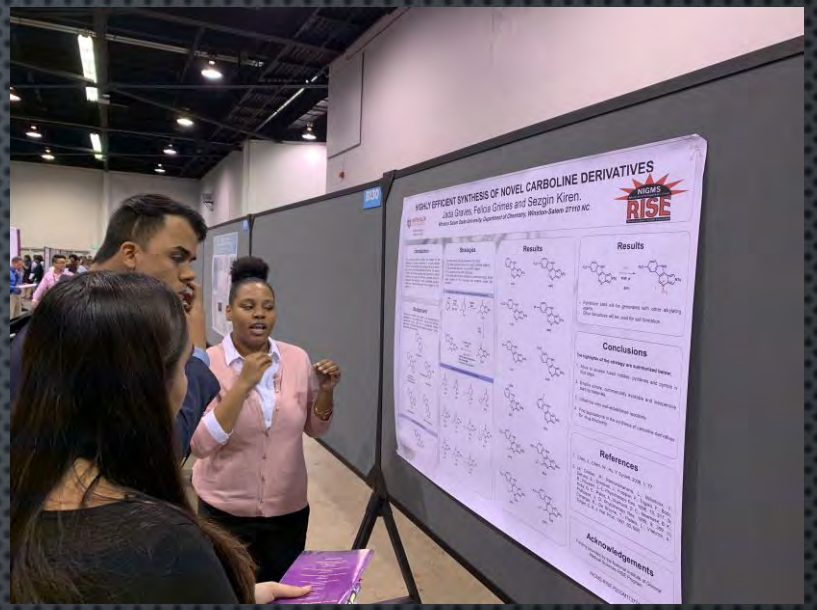
Tyler Chislom Presenting Research



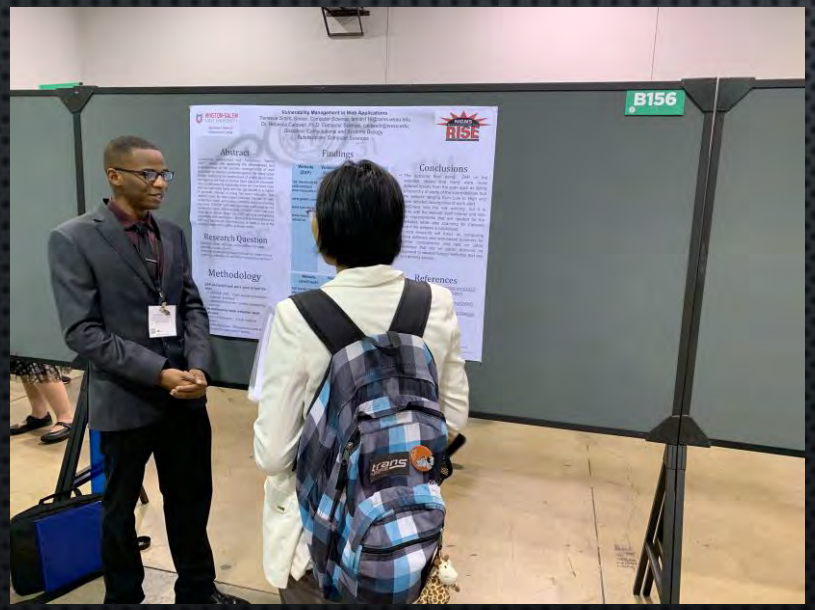
Nataleigh Austin Presenting Research



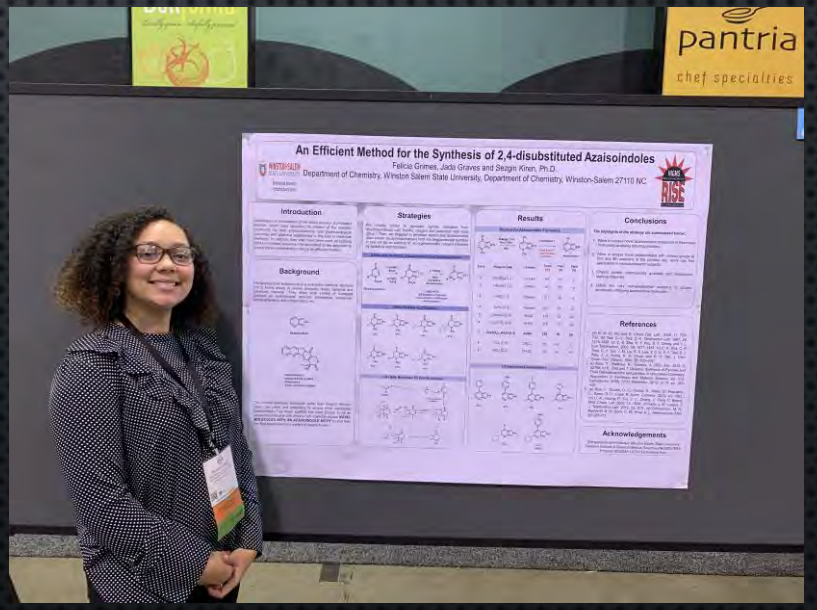
Kamiya Bridges Presenting Research



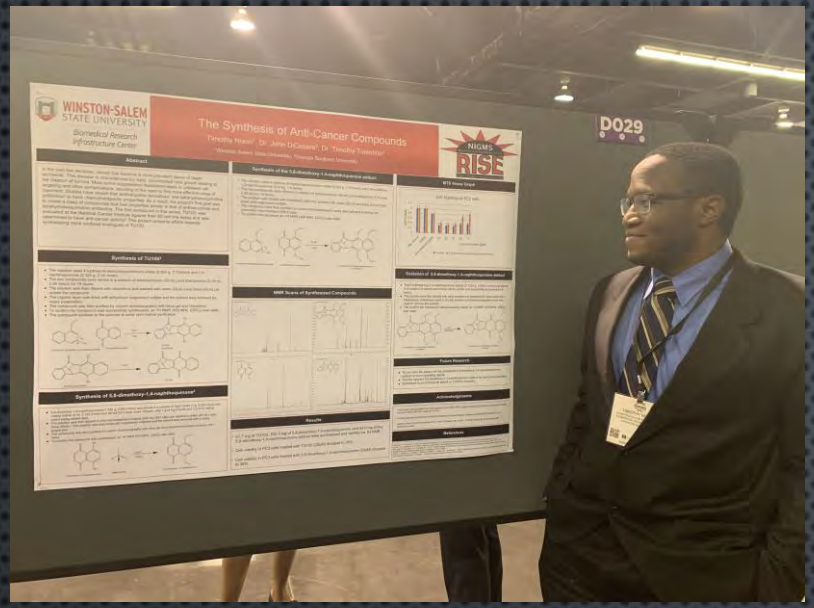
Jada Graves Presenting Research



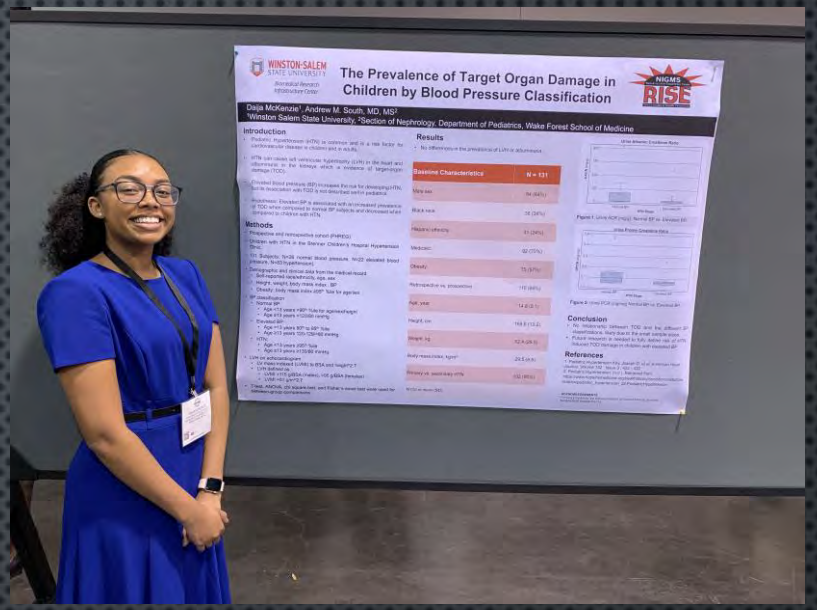
Terrence Smith Presenting Research



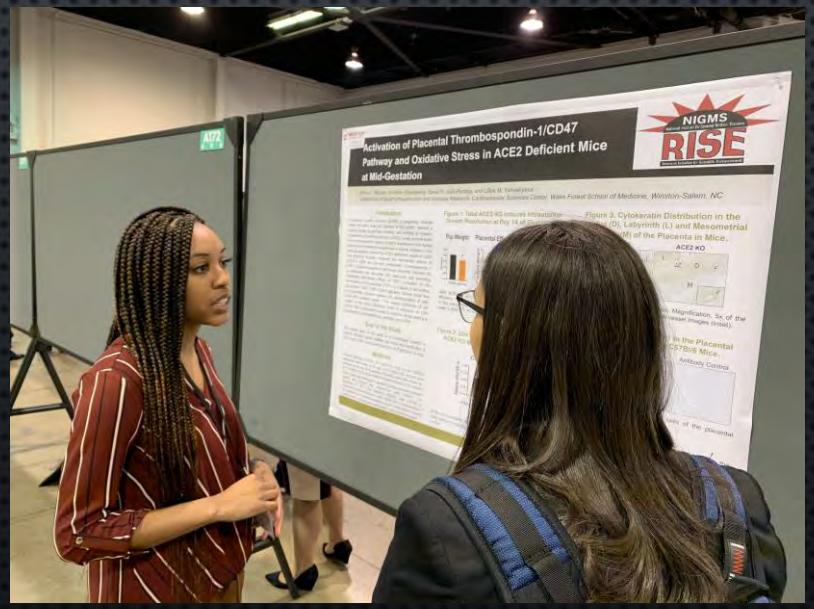
Felicia Grimes Presenting Research



Timothy Nixon Presenting Research



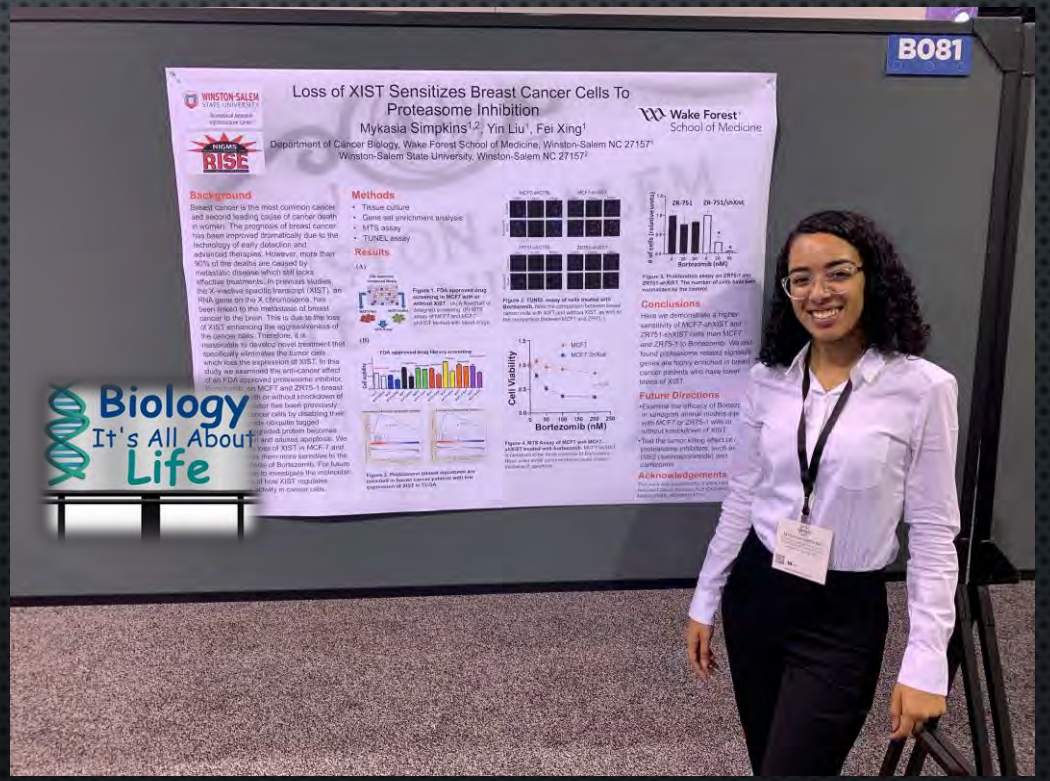
Daija McKenzie Presenting Research



Erica Weaver Presenting Research

Congratulations to Our December Graduates

Georgina Dzikunu Presenting Research



Mykasia Simpkins Presenting Research

PARTICIPATING STUDENTS	MAJOR
Nataleigh Austin	Biology
Tania Bellinger	Biology
Kamiya Bridges	Biology
Anijah Carter	Biology
Georgina Dzikunu	Biology
Jada Graves	Biology
Daija McKenzie	Exercise Science
Dexter Perkins	Exercise Science
Dustin Sellers	Exercise Science
Mykasia Simpkins	Biology
Terrence Smith	Computer Science
Joseph Lightsey	Biology
Timothy Nixon	Biology
Erica Weaver	Biology
Tyler Chisolm	Psychology
"Naomi" Isaac Roberts	Clinical Laboratory Sciences
Tutein Mai Ling Tang Yuk	Chemistry
Mckenzie Ward	Psychology
Felicia Grimes	Chemistry

Participating students and majors

THANK YOU

NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES – RESEARCH INITIATIVE FOR SCIENTIFIC ENHANCEMENT GRANT FUNDING