

Folarin Erogbogbo

Assistant Professor 2013- Present

Research Assistant Professor, 2010-2013

Folarin Erogbogbo

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22. **Folarin Erogbogbo**

2011

23. **Folarin Erogbogbo**

CS Nano,

Folarin Erogbogbo

(2) Biomedical Engineering Society Annual Meeting,

- (i) *Comparison of Prostate Cancer and non-Prostate Cancer Exosomes using Raman Spectroscopy*
 - 1. Katherine Moore and Diana Valenzuala
- (ii) *Microfluidic synthesis of bioconjugated lipid polymer hybrid nanoparticles for targeted drug delivery*
 - 1. Ashley Takami

(3) American Vacuum Society 62nd International Symposium and Exhibition, October

- (i) *Graphene quantum dot- titania nano hybrid photocatalyst for bio-inspired artificial photosynthetic water splitting application.*
 - 1. Ravneet Kuar and Sowba Shukla
- (ii) *Nanopatterning for controlled cell growth*
 - 1. Jerusalem Darkera
- (iii) *Microfluidic synthesis of bioconjugated lipid polymer hybrid nanoparticles for targeted drug delivery*
 - 1. Ashley Takami

(4) IEEE 2015

- (i) *Cost-effective 3D Printed Device for Tuberculosis Nanoformulation Manufacturing*
 - 1. Lorene Chan and Ai Nguyen
 - (ii) *Scalable nanomanufacturing platform for biomedical applications.*
 - 1. Alexis and Steven Gunn
 - (iii) *Microfluidic synthesis of Bioconjugated lipid polymer hybrid nanoparticles for targeted drug delivery*
 - 1. Ashley Takami
 - (iv) *Graphene Quantum Dots for Biophotonic Applications*
 - 1. Anesh Tilwani
 - (v) *Comparison of Prostate Cancer and non-Prostate Cancer Exosomes using Raman Spectroscopy*
 - 1. Katherine Moore and Diana Valenzuala
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- (i) *Raman spectroscopic analysis of exosomes*
 - 1. Katherine Moore
 - (ii) *Study of Electrical and Mechanical Properties of Graphene Quantum dots and their Significance to Biomedical Engineering*
 - 1. Navathey Gobi and Darshan VijayKumar
 - (iii) *3D Printed Device for Fabrication of Drug Loaded Nanoparticles*
 - 1. Alan Chen and Ronald Valeria
 - (iv) *Microfluidic synthesis of bioconjugated lipid polymer hybrid nanoparticles for targeted drug delivery*
 - 1. Ashley Takami
 - (v) *Graphene quantum dot- titania nano hybrid photocatalyst for bio-inspired artificial photosynthetic water splitting application.*
 - 1. Ravneet Kuar and Sowba Shukla

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(5) Northern California Chapter of the American Vacuum Society Joint User Group Technical Symposium

(i) *Microfluidic synthesis of bioconjugated lipid polymer hybrid nanoparticles for targeted drug delivery*

1. Ashley Takami

(ii) *Graphene Quantum Dots for Biophotonic Applications*

1. Anesh Tilwani, Hildegard Bell, Jose Alvarez

(i) *Graphene quantum dot- titania nano hybrid photocatalyst for bio-inspired artificial photosynthetic water splitting application.*

1. Ravneet Kuar and Sowba Shukla

(ii) *Study of Electrical and Mechanical Properties of Graphene Quantum dots and their Significance to Biomedical Engineering*

1. Navathey Gobi and Darshan VijayKumar

(6) American Chemical Society

(a) *Graphene Quantum Dots enhanced microfluidics based paper analytical device (μ PADs) for glucose detection”*

(i) Navathej Gobi and Darshan Vijayakumar

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_____ *Invited Talk*

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(Poster)

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Co-instructor of Exploring Nanomaterials

Instructor for pre-calculus,

Workshop: Get the most out of your Research

Workshop: Creating Award Winning Posters

Multidisciplinary Mentoring

Keynote Lectures

Buffalo Engineering Awareness for Minorities (BEAM) Program

Collegiate Science and Technology Program 25th Anniversary Luncheon Host

Poster Competitions

Folarin Erogbogbo

2019

2018

2016

2015

2013 (ongoing)

2012

2011

2010

2009

2008

2007

Outstanding Alumni

Tumor Treating Fields combined with Chemotherapy for Triple-Negative Breast Cancer	
Improving the Physiological Relevance of Nanoparticle Therapy for Triple Negative Breast Cancer via Robotics, Microfluidics and Animal Models	

China:

Collaboration Status: Ongoing

Nigeria:

Collaboration Status: Pending

South Africa:

Collaboration Status: Ongoing

Zimbabwe

Collaboration Status: On going

New Zealand:

Collaboration Status:

Ongoing
