Quarterly Newsletter

Vol. 2, Issue 2, July 31, 2018

A report on Scholarship and Academic Activities of Interdepartmental Food Science Graduate Program (IFSGP)

Welcome new 2018 Spring and Summer graduate students!

Graduate Chair: Dr. Arun K. Bhunia (bhunia@purdue.edu)
Co-Chair: Dr. Andrea Liceaga (aliceaga@purdue.edu)
Graduate Committee Members: Dr. Osvaldo Campanella, Dr. Bruce Hamaker, Dr. Owen Jones, Dr. Lisa Mauer, Dr. Cordelia Running

Graduate Program Coordinator: Mitzi Barnett (mbarrett@purdue.edu)
Graduate Student Representative: Gabriela Calzada Luna (gcalzada@purdue.edu)

Tressie Barrett
M.S.
Feng Lab

Fernando Canteraro
M.S.
Mishra Lab

Monique Chung
Ph.D.
Huang Lab

Carine Nkemngong
M.S.
Oliver Lab
Peer-reviewed Publications


Book


Book Chapters


Miscellaneous Publications


Presentations


## Graduated Students with Thesis/Dissertation Titles

### Summer 2018

1. **Emma Barber**-MS (Kokini): Optimization of zein based surface enhanced raman spectroscopy biosensor for the detection of Gliadin as a marker for Celiac Disease
2. **Jack Burnett**-MS (Oliver): Prevalence of *Listeria monocytogenes* and *Salmonella enterica* in retail produce environments and strategies for their control
3. **Ciera Crawford**-MS (Running): Chocolate almond milk consumption changes salivary Proline-rich protein expression, which alter astringency and bitterness
4. **Paula Duarte Guevara**-MS (Oliver): Development of tools to reduce rikof nosocomial and foodborne pathogens exposure
5. **Luis Maldonado Mejia**-PhD (Kokini): Mechanistic understanding of the design and characterization of biocompatible nanodelivery systems for the encapsulation and delivery of Curcumin
6. **Breanna McArthur**-PhD (Mattes): The effects of mastication and digestion on the bioaccessibility of energy from walnuts
7. **Angarika Rayate**-MS (Jones): Interactions between sodium caseinate and polyglucose in aqueous solutions
8. **Randol Rodriguez Rosales**-PhD (Yao): Phytoglycogen and its derivatives to incorporate Curcumin for enhanced solubility and efficacy

## Graduate Student/Post Doctorate Achievements/Awards

1. **Anna Hayes**-Poster Competition Finalist (Nutrition Division), IFT 2018 Annual Food Expo, Chicago, IL, 2018. IFT Feeding Tomorrow General Graduate Scholarship Recipient, 2018-2019

## Other Noteworthy Recognitions

1. **Purdue Chapter**-Outstanding Chapter for Organizational Growth, IFT Annual Meeting and Expo, Summer 2018
2. **Purdue Food Science College Bowl**-2nd Place, Summer 2018
3. **Purdue Chapter**-Phi Tau Sigma Chapter of the Year, IFT, Summer 2018