

# Ingrid Buckley, Ph.D.

## Education

<b>Doctor of Philosophy in Computer Science</b> Florida Atlantic University, Boca Raton, FL.	2012
<b>Master of Science in Computer Science</b> Florida Atlantic University, Boca Raton, FL.	2008
<b>Bachelor of Science in Computing and Information Technology</b> University of Technology, Kingston, Jamaica.	2004

## Academic Experience

<b>Assistant Professor</b> Florida Gulf Coast University Department of Software Engineering, U.A. Whitaker College of Engineering, Fort Myers, FL	2015- Present
<b>Assistant Professor of Computer Science</b> Tuskegee University Department of Computer Science, College of Business and Information Sciences (CBIS), Tuskegee, AL	2013-2015
<b>Visiting Assistant Professor of Computer Science</b> Illinois Wesleyan University Department of Computer Science, Bloomington, IL	2012-2013

## Research

### Grants:

**Ingrid A. Buckley**, Principal Investigator, NSF Solicitation 14-588- Improving Undergraduate STEM Education, Awarded July 2015, \$119K.

**Ingrid A. Buckley**, Principal Investigator, Cyber Florida, Capacity Building Program, Awarded April 2017, \$95K.

### Selected Publications (Refereed):

Zalewski, Janusz, **Buckley, Ingrid**, Gonzalez, Fernando. Integration of Senior Software Project Courses in an Undergraduate Software Engineering Program. (S. Jarzabek et al., Eds.), Springer Nature, 2020, Chapter 17, pp. 237-256, 2020.

**Ingrid A. Buckley** and Eduardo B. Fernandez, "Reliability Patterns: A Survey", the 17th LACCEI International Multi-Conference for Engineering, Education and Technology, July 24-26, 2019.

**Ingrid A. Buckley** and Janusz Zalewski, "Course Development in the Cybersecurity Curriculum", The 17th LACCEI International Multi-Conference for Engineering, Education and Technology, July 24-26, 2019.

Peter J. Clarke, Debra Lee Davis, **Ingrid A. Buckley**, Geoffrey Potvin, Mandayam Thirunarayanan, and Edward L. Jones. An Approach to Integrating Learning and Engagement Strategies (LESs) into CS Class Activities. The 126th Annual ASEE Conference & Exposition - Computing and Information Technology Division. June 2019.

**Ingrid A. Buckley** and Peter J. Clarke, "An approach to Teaching Software Testing Supported by Two Different Online Content Delivery Methods", 16th LACCEI International Multi-Conference for Engineering, Education, and Technology: "Innovation in Education and Inclusion", 19-21 July 2018. <http://dx.doi.org/10.18687/LACCEI2018.1.1.377>

**Ingrid A. Buckley** and Winston S. Buckley, "Teaching Software Testing using Data Structures", International Journal of Advanced Computer Science and Applications (IJACSA), Vol 8, No. 3; March 2017.

Janusz Zalewski, **Ingrid A. Buckley**, Steve Drager, Andrew Korneck, and Nary Subramaman, "A framework for measuring security as a system property", Information Journal, 7, 33, 2016.

### Service (Internal and External):

- Member, FGCU Student Conduct University Committee, 2015 – present.
- Member, FGCU Student Academic Integrity University Committee, 2015-present.
- Member, FGCU General Data Protection Regulation(GDPR) working group, 2018- present.
- Member, SUS Cyber Florida Advisory Council, Florida, 2019- present.
- Member, Strategic Planning and Research Departmental Committee, 2019- present