

Connie A. Tenorio

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College of Medicine
Department of Biomedical Sciences
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Education

- Ph.D. Candidate, Biomedical Sciences** **2014-present**
PI: Dr. Michael Blaber
Florida State University, Tallahassee, FL
- B.S. Degree in Biology and Chemical Science (Double major)** **2013**
Florida State University, Tallahassee, FL
- B.A. Degree in History** **2013**
Minor in Psychology
Florida State University, Tallahassee, FL

Peer-reviewed Publications

- Investigating Polyanion Binding Sites of Fibroblast Growth Factor-1 Using Hydrogen-Deuterium Exchange Mass Spectrometry.*** **2017**
Angalakurthi SK, Tenorio CA, Joshi SB, Volkin DB, Weis DD, Blaber M, Middaugh CR. Manuscript in preparation.
- The Folding Nucleus Structure Persists in Thermally-Aggregated FGF-1.*** **2017**
Longo LM, Gao Y, Tenorio CA, Wang G, Paravastu AK, Blaber M. Protein Sci. PMID: [29076579](#)
- An S116R Phosphorylation Site Mutation in Human Fibroblast Growth Factor-1 Differentially Affects Mitogenic and Glucose-Lowering Activities*** **2016**
Xia X, Kumru OS, Blaber SI, Middaugh CR, Li L, Ornitz DM, Suh JM, Atkins AR, Downes M, Evans RM, Tenorio CA, Bienkiewicz E, Blaber M. J Pharm Sci. PMID: [27773526](#)
- Engineering a Cysteine-Free Form of Human Fibroblast Growth Factor-1 for "2nd Generation" Therapeutic Application*** **2016**
Xia X, Kumru OS, Blaber SI, Middaugh CR, Li L, Ornitz DM, Sutherland MA, Tenorio CA, Blaber M. J Pharm Sci. PMID: [27019961](#)

A Single Aromatic Core Mutation Converts a Designed “Primitive” Protein from Halophile to Mesophile Folding, 2015
 Longo, L.M., Tenorio, C.A., Kumru, O.S., Middaugh, C.R. and Blaber, M. Protein Science [PMID: 25297559](#)

Alternative Folding Nuclei Definitions Facilitate the Evolution of a Symmetric Protein Fold from a Smaller Peptide Motif, 2013
 Longo, L.M., Lee, J., Tenorio, C.A. and Blaber, M. *Cell: Structure.* [PMID: 24139990](#)

Awards

Rill Award for Outstanding Junior Graduate Student (\$250) 2016
 Florida State University, Tallahassee, FL

Florida State University Congress of Graduate Students Presentation Award (\$500) 2015, 2017
 Florida State University, Tallahassee, FL

First Place for “Protofoil” at the Art in STEM Research Student Art Gallery Exhibit (\$50) 2015
 Florida State University, Tallahassee, FL

McKnight Doctoral Fellowship (five year fellowship \$12k/year) 2014
 Florida Education Fund

National Science Foundation Fellowship for Research Experience for Undergraduates (\$7,000) 2013
 Florida Agricultural and Mechanical University/Florida State University, Tallahassee, FL

Second Place for “Amino Acids Confer Low-salt Stability to a Prebiotic, Halophilic Protein” 2013
 Florida Agricultural and Mechanical University/Florida State University, Tallahassee, FL

Abstracts

“Incorporating a Functional Mutation into a Symmetric Scaffold as Proxy for Functional Adaptation via Rearrangement of its Folding Nucleus.” 2017
 Tenorio, C.A., Parker JB, Blaber M.
 31st Annual Protein Society Symposium
 Montreal, Quebec, Canada

“A Single Aromatic Core Mutation Converts a Designed ‘Primitive’ Protein from Halophile to Mesophile Folding” **2015**
 Tenorio, C.A., Longo, L.M., Kumru, O.S, Middaugh C.R., and Blaber, M.
29th Annual Protein Society Symposium
Barcelona, Spain

“Amino Acids Confer Low-salt Stability to a Prebiotic, Halophilic Protein” **2013**
 Tenorio, C.A., Longo, L.M., Lee, J., and Blaber, M.
Annual Conference on Advances in Functional Biology
Florida Agricultural and Mechanical University/Florida State University, Tallahassee, FL

Teaching

Frontiers in Medicine (3 lectures in Pharmacokinetics) **Spring**
Florida State University **semesters**
2016-
present

Community Service

Chair of the 2nd Annual Biomedical Sciences Retreat **2017**

Outreach with Florida State College of Medicine Biomedical Sciences Graduate Student Association **2015-**
Tallahassee, FL **present**

Outreach with Alpha Chi Sigma Professional Chemistry Fraternity, **2011-**
Tallahassee, FL **2013**

Tutor for Alpha Chi Sigma Fraternity in association with The Learning District at Paul A. M. Dirac Science Library , **2011-**
Florida State University, Tallahassee, FL **2012**

Memberships & Affiliations

Vice President of Biomedical Sciences Graduate Student Association **2016-**
present

Member, Protein Society **2015-**
present

Member, Alpha Chi Sigma Professional Chemistry Fraternity **2011-**
present