

Quentin Ramon Johnson

Assistant Professor
Department of Chemistry and Biochemistry
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Education

Georgia State University (Atlanta, Ga, USA)	Chemistry	B.S.	2008
Georgia State University (Atlanta, Ga, USA)	Comp Chemistry	M.S.	2010
University of Tennessee (Knoxville, TN, USA)	Life Sciences	Ph.D.	2015
NIMBioS (Knoxville, TN, USA)	Comp Biophys	Postdoctoral	2015-2017
Oak Ridge National Laboratory (Oak Ridge, TN, USA)	Comp Biophys	Postdoctoral	2017-2018

Teaching experience

2018-present	Assistant Professor, Chemistry and Biochemistry, Berry College
2017	Lecturer, Biochemistry & Cellular and Molecular Biology, Univ. of Tenn.
2015	Adjunct Professor, Chemistry, Pellissippi State Community College
2015	Instructor, TLSAMP Intercollegiate Bridge Program
2015	Teaching assistant, Univ. of Tenn.
2013	Course Developer and Instructor, KIDSU Summer Camp
2008	Teaching Assistant, Georgia State University

Peer-reviewed publications

Note: asterisk indicate undergraduate authors

1. Anna Lester*, Madeline Sandman*, Caitlin Herring*, Christian Girard*, Brandon Dixon*, Havanna Ramsdell*, Callista Reber*, Jack Poulos*, Alexis Mitchell*, Allison Spinney*, Marissa E. Henager*, Claudia N. Evans*, Mark Turlington, and Quentin R. Johnson. *Biochemistry*. 62 (16), 2503-2515, 2023
2. Reham Ajina, Quentin R. Johnson, Louis M. Weiner, et al. *Cancer Immunol. Res.*, 9(4):386-400, 2021
3. Mostofian, Barmak, Johnson, Quentin R., Smith, Jeremy C., and Cheng, Xiaolin. *Phys. Chem. Chem. Phys.*, 22:12281-12293. 2020
4. Quentin Johnson, Barmak Mostofian, Gabriel Fuente-Gomez, Jeremy Smith, Xiaolin Cheng, *Phys. Chem. Chem. Phys.*, 20(5): 3795-04, 2018
5. Quentin Johnson, Richard Lindsay*, Tongye Shen, *Comp. Chem.*, 39(20): 1568-78, 2018
6. Quentin Johnson, Richard Lindsay*, Ricky Nellas, Tongye Shen, *Prot.: Struct. Func. Bioinf.*, 84(6): 820-7, 2016
7. Richard Lindsay, Quentin Johnson, Wilfredo Evangelista, Ricky Nellas, Tongye Shen, *Biopolymers*, 105(12): 864-72, 2016

- Alexander Clark*, James Wilder*, Aaron Grayson*, Quentin Johnson, Richard Lindsay*, Ricky Nellas, Tongye Shen, *J. Phys. Chem. B*, 120(33): 8338-45, 2016
- Quentin Johnson, Richard Lindsay*, Ricky Nellas, Elias Fernandez, Tonye Shen, *Biochemistry*, 54(7): 1534-41, 2015
- Quentin Johnson, Richard Lindsay, Sherin Raval, Jeremy Dobbs, Ricky Nellas, Tongye Shen, *J. Phys. Chem. B*, 118(8): 2050-7, 2014
- Ricky Nellas, Quentin Johnson, Tongye Shen, *Biochemistry*, 52(40): 7137-44, 2013
- Quentin Johnson, Ricky Nellas, Tongye Shen, *Biochemistry*, 51(31): 6238-45, 2012
- Quentin Johnson, Urmi Doshi, Tongye Shen and Donald Hamelberg, *J. Chem. Theory Comput.*, 6(9): 2591-97, 2010

Awards

- NSF Postdoctoral Fellowship – National Institute for Mathematical and Biological Synthesis
- NSF IGERT - Scalable Computing and Leading Edge Innovative Technologies
- NIH Fellowship- Program for Excellence and Equity in Research
- Science Alliance Graduate Student Award

Presentations

- American Chemical Society National Meeting – Oral Presentation
- American Chemical Society National Meeting – Poster Presentation
- Oak Ridge National Laboratory (Center for Molecular Biophysics)
- TACC Conference – Oral Presentation
- East Tennessee State University (Math and Statistics Department) – Invited Speaker
- University of Texas El Paso (Bioinformatics Department) – Invited Speaker
- Tennessee State University (Mathematics Department) – Invited Speaker
- National Institute for Mathematical and Biological Synthesis – Seminar Speaker
- University of Tennessee (Department of Biochemistry and Cellular and Molecular Biology) – Seminar Speaker
- Oak Ridge National Laboratory (Center for Molecular Biophysics) – Seminar Speaker
- American Chemical Society National Meeting – Poster Presentation
- Chemical Computing Group UGM Conference – Poster Presentation
- Annual Biomedical Research Conference for Minority Students – Poster Presentation
- Ronald E. McNair Conference – Oral Presentation
- American Chemical Society National Meeting – Poster Presentation
- Annual Biomedical Research Conference for Minority Students– Poster Presentation

Professional Service

- Reviewer for Journal of Biological Macromolecules
- Reviewer for Journal of Molecular Catalysis B: Enzymatic
- Reviewer for 2017 GEM Fellowship
- Reviewer for Biopolymers
- Review Board member for PEER (NIH) personnel
- Review Board member for NIMBioS (NSF) GRA fellowship

7. Reviewer for NSF-supported Quantitative Biology Concept Inventory
8. Head organizer for 2nd Annual PEER Symposium
9. Rutgers Undergraduate Honors Thesis Adviser
10. PI for NIMBioS Summer Research Experience Project

Community outreach

1. Berry Middle School Career Odyssey
2. Berry, Model, Johnson Elementary girls basketball coach
3. Judge for Cynthia B Peterson Poster Competition
4. Judge for Educational Advancement Program
5. Judge for TLSAMP Research Conference
6. Event Supervisor for Science Olympiad Regional Competition
7. Speaker for the Come See Tennessee Program
8. Judge for Educational Advancement Program Summer Research
9. Guest Lecturer at Sevier County High School
10. Guest Speaker at TLSAMP seminar

Affiliations

1. American Chemical Society (ACS)
2. Omega Psi Phi Fraternity Incorporated (ZΘ Spring 2006)