## **CONNOR W. MAGOON**

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ED	UCATI	JN .	
	The U	niversity of North Carolina at Chapel Hill (UNC)	
	PhD	Applied Mathematics	2023-
	BS	Physics and Applied Mathematics	2019-2023
НО	NORS		
	Jian H	ry of Fluid Motion Award, American Physical Society / Division of Fluid Dynamics I. Guan, Saiful. I. Tamim, Connor W. Magoon, Howard A. Stone, and Pedro J. Sáenz pping Bubbles"	2024
	Doctoral Merit Fellowship, UNC		2023-2024
	Archil	oald Henderson Mathematics Medal, UNC	2023
	Jian H	a van Dyke Award, American Physical Society / Division of Fluid Dynamics I. Guan, Connor W. Magoon, Matthew Durey, Roberto Camassa, and Pedro J. Sáenz Faraday, Run"	2022
PU	BLICAT	TIONS	
	Jian H	ay bubbles gallop I. Guan, Saiful. I. Tamim, <u>Connor W. Magoon</u> , Howard A. Stone, and Pedro J. Sáenz <u>cal Review Fluids</u>	Accepted 2025
	Jian H	oing Bubbles  [I. Guan*, Saiful. I. Tamim*, <u>Connor W. Magoon*</u> , Howard A. Stone, and Pedro J. Sáenz  [I. Communications]	2025
	Jian H	ling Faraday waves I. Guan, <u>Connor W. Magoon</u> , Matthew Durey, Roberto Camassa, and Pedro J. Sáenz <u>cal Review Fluids</u>	2023
	*Equa	l contribution	
PRI	EPRINT	S	
		entiation Through Black-Box Quadratic Programming Solvers or W. Magoon, Fengyu Yang, Noam Aigerman, Shahar Z. Kovalsky int	Submitted 2025

## **TALKS**

Collective Dynamics of Galloping Bubbles <u>Connor W. Magoon</u> , Xinyun Liu, Jian H. Guan, Saiful I. Tamim, and Pedro J. Sáenz <u>APS Division of Fluid Dynamics Meeting</u>	2024
Direct Numerical Simulations of Vibrating Bubbles Self-Propelling Along Solid Boundaries Connor W. Magoon, Jian H. Guan, Saiful I. Tamim, and Pedro J. Sáenz APS Division of Fluid Dynamics Meeting	2023
TEACHING	
Instructor	
First Course in Differential Equations Laboratory (MATH 383L)	Fall 2025
TA	
Calculus of Functions of Several Variables (MATH 233) General Physics II: For Students of the Life Sciences (PHYS 115) Introductory Calculus-based Electromagnetism and Quanta (PHYS 119)	Fall 2024, 2025 Summer 2021 Fall 2020
Grader	

Introduction to Fluid Mechanics (MATH 563) Elementary Differential Equations (MATH 524) Spring 2025 Spring 2024