**Ria Devi Gupta**

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**Education:**

* **University of Central Florida - *Burnett Honors College*** Orlando, Florida
  + Bachelor of Science in Biomedical Sciences August 2022- May 2026
  + GPA: 4.0
  + Burnett Medical Scholar
  + LEAD Scholars Program

**Publications**

* Shao S., Wang A., Gupta R., Zou S., Xia X. “On the role of wall thickness in determining the plasmonic properties of silver-gold nanocages” Chem. Commun. 59. 52 (2023): 8059-8062

**Research**

* **Research Assistant** January 2024- Present

*Lab preparation for the study of biology of selenium as a biological catalyst, specifically in the model organism Clostridioides difficile, under the guidance of Dr. William Self.*

* **Research Assistant** January 2023- July 2023

*Engineered nanostructures with carefully controlled size, shape, and chemical compositions by manipulating the thermodynamic and kinetic parameters during nanocrystal synthesis, under the guidance of Dr. Xiahou Xia.*

**Leadership**

* **Honors Congress** Director of Academic Affairs January 2024-Present

*Organize 18+ events during the academic year to promote learning and socialization for club members within the Burnett Honors College*

* **Team Leader Honors Symposium** August 2023- December 2023

*Served as a teaching assistant and mentor for the Honors Symposium course for groups of 15-20 first year-BHC Scholars by facilitating class discussions, grading weekly assignments, and arranging social events.*

* **Knightmare Bhangra** Captain August 2023- Present

*Founded Bhangra team and responsible for creating choreography, running practices, and teaching workshops.*

**Community Service Activities**

* **Hearts for the Homeless** August 2023-Present

*Provide free blood pressure, EKG, and visual exams to the local homeless community in Orlando.*

* **Orlando Health ORMC Volunteer** January 2023-present

*Assist in Emergency Department guest services, Medical Lab, and Hospitality rounding by escorting guests, transporting medical specimen, and communicating with patients.*

* **UCP of Central Florida Volunteer** January 2023- Present

*Assist students with various disabilities with classwork, activities, and reading in middle school classrooms.*

**Honors and Awards:**

* President’s Honor Roll Fall 2023, Spring 2023, Fall 2022
* Florida Bright Futures Medallion Scholar
* Provost Scholarship