



# WOMEN in PHYSICS SOCIETY (WiPS-UH)

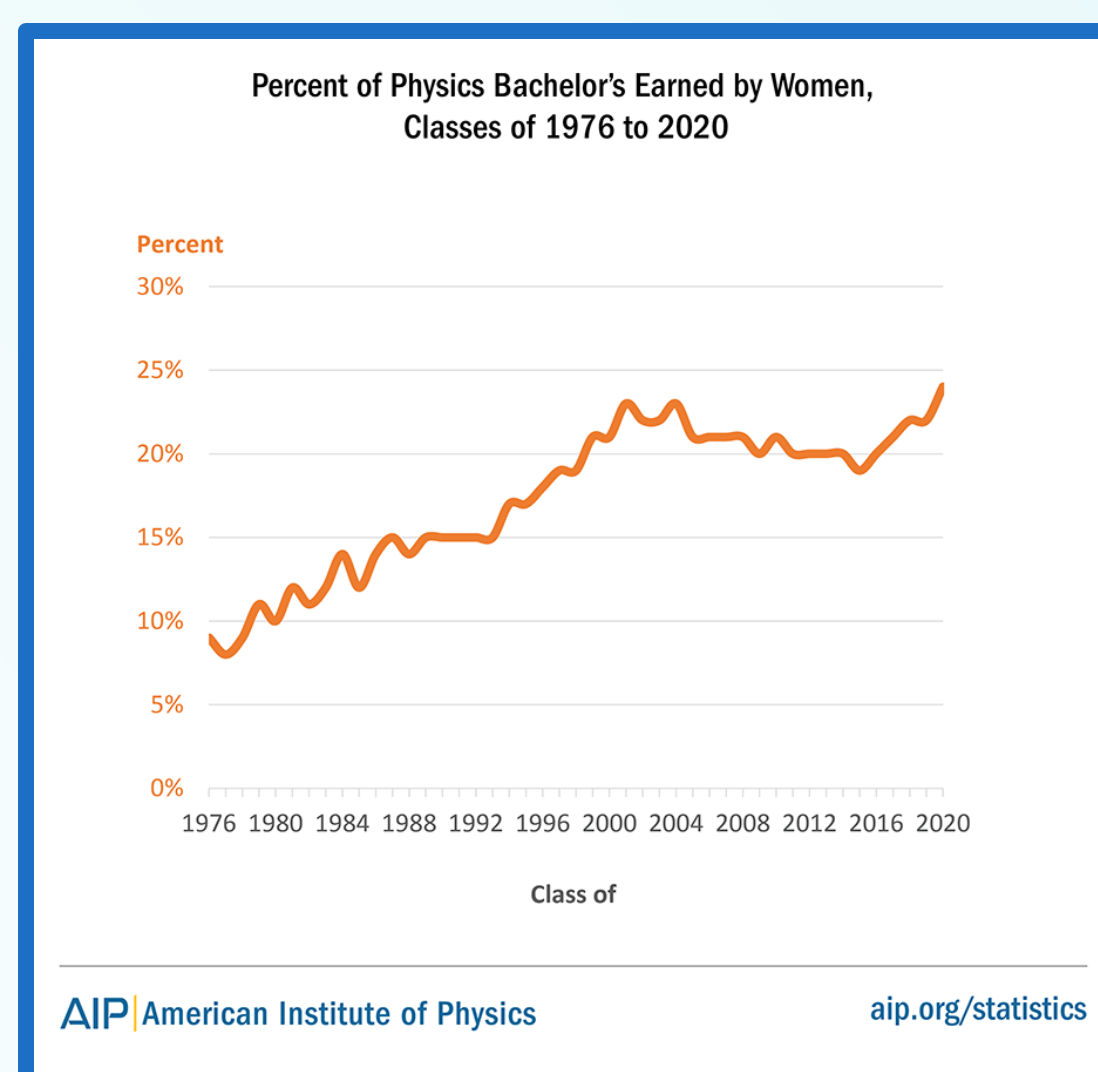
An American Physical Society (APS) chapter

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## BACKGROUND

❖ Studies [1] have reported % of bachelor degrees earned by women in physics have flattened in the past decade (2000 - 2020).



❖ Reports [2] in 2020 for Covid-19 effects on science show careers of women in STEM disproportionately affected mostly due to home care.

References:

- <https://www.aip.org/statistics/reports/physics-bachelors-degrees-2018>
- The impact of COVID-19 on the careers of women in academic sciences, engineering, and medicine. National Academies Press, 2021.

## OVERVIEW

Studies highlight the lack of representation for WiP

APS Mission: recruitment, retention, career development of WiP

WiPS-UH chapter events; small efforts to fill the gap

## WiPS-UH TEAM 2022

**Student officers:** Ananya Mondal (President), Atrayee Sarkar (Vice President), Lilly A Schaffer (Treasurer), Anjaly S Menon (Event co-ordinator).  
**Faculty Advisor:** Dr Claudia Ratti (UH Physics)

## WOMEN IN PHYSICS SOCIETY (WiPS-UH)

A central organization for all women in physics at UH founded in 2020.

Find us:



Our Mission ( $MC^2$ ):

- ❖ Motivate
- ❖ Connect
- ❖ Construct

@: wips@central.uh.edu

@wips\_UH

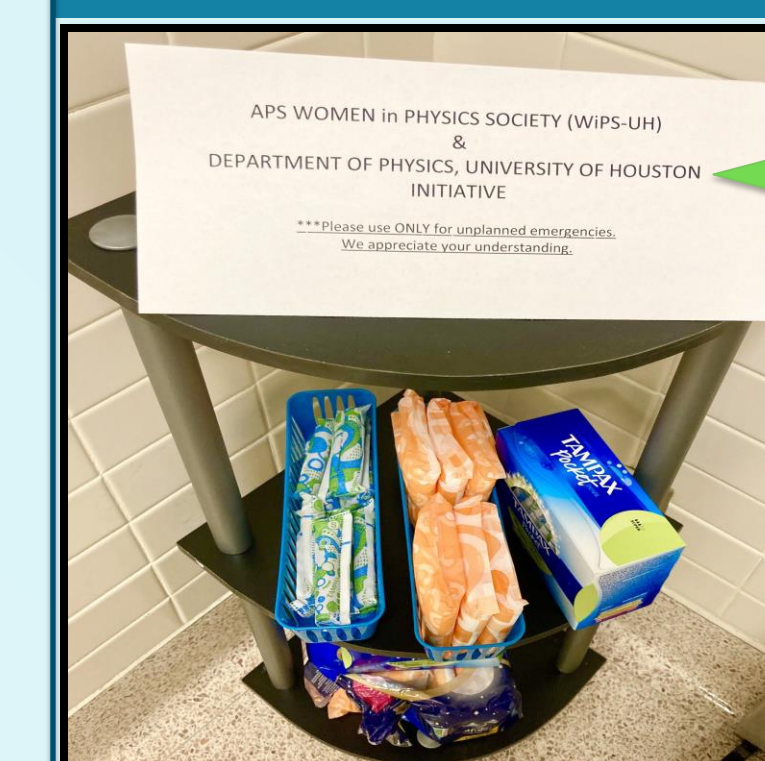
## AMERICAN PHYSICAL SOCIETY WiP GROUP GRANTS

- ❖ Grants fund professional skill development workshops, field trips, journal clubs & more...
- ❖ Undergrad/grads can apply to build a campus physics community.
- ❖ Find details on: <https://www.aps.org/programs/women/>



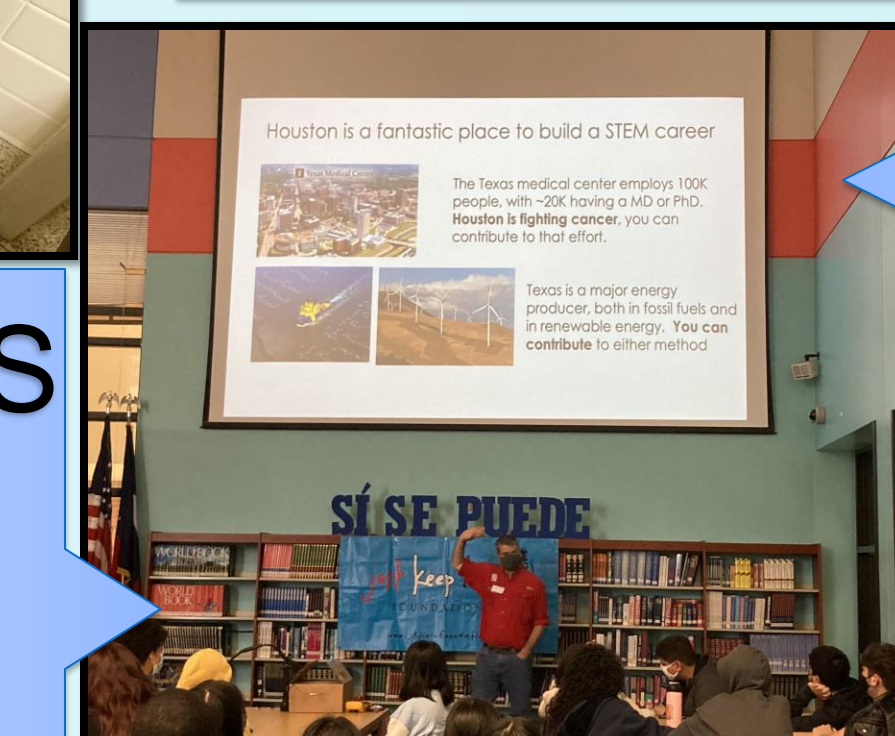
Applications open every Fall.

## RECENT EVENTS BY WiPS-UH



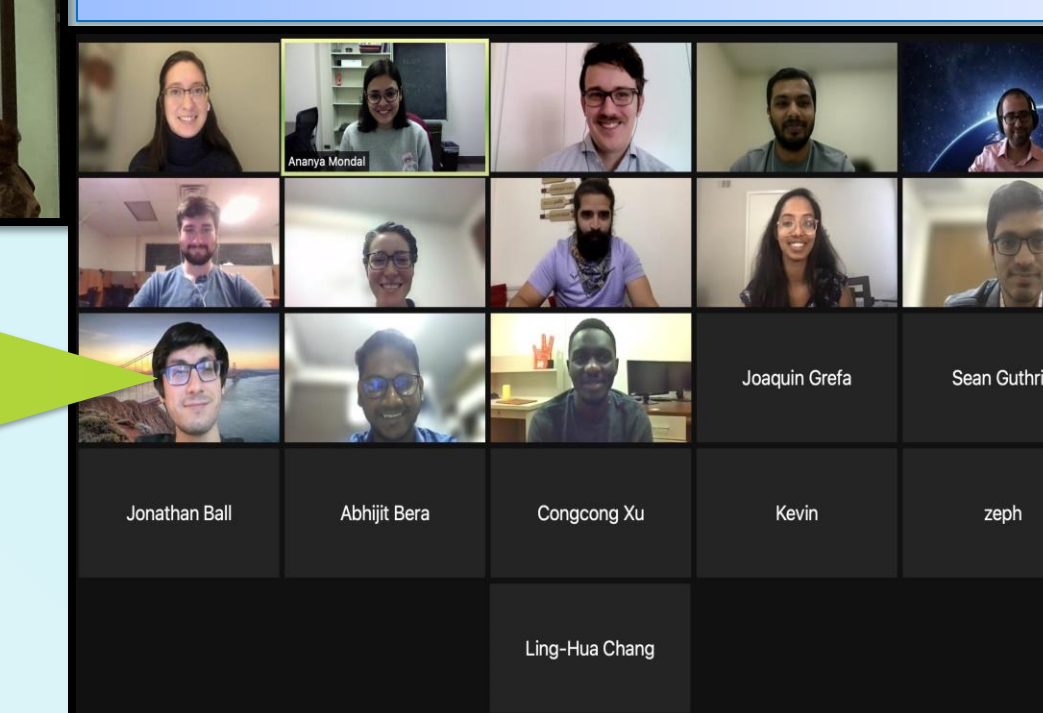
Women hygiene product initiative at UH physics department, Dec 22, 2021.

With SACNAS-UH, Nov 4, 2021.



Chavez High school outreach event

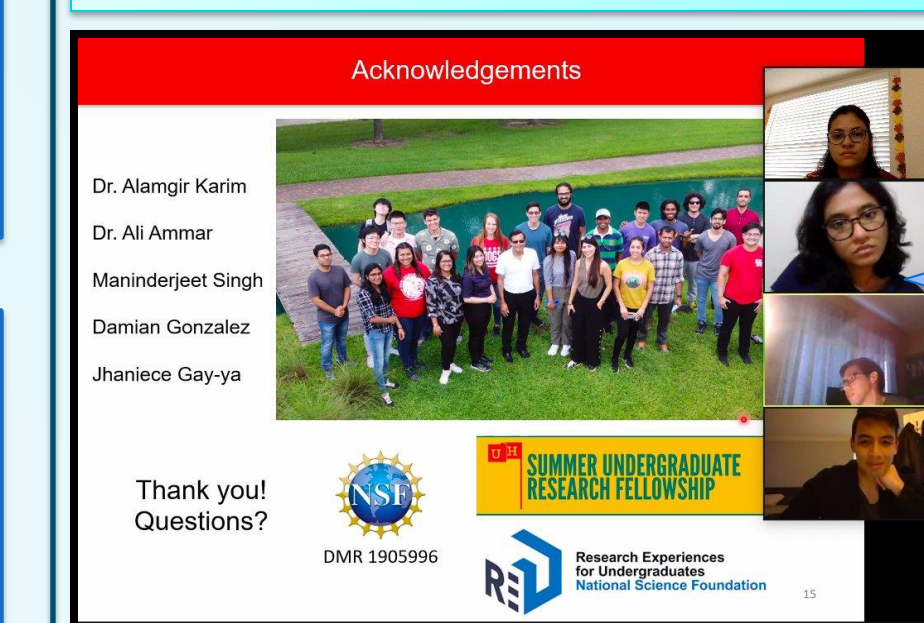
Alumni/alumnae virtual career panel with UH-APS, Nov 22, 2021.



WiPS-UH & SACNAS-UH members



With faculty advisors at outreach event



Undergraduate STEM research symposium with SACNAS-UH, Nov 11, 2021.

## ACKNOWLEDGEMENTS

- American Physical Society Women in Physics Group Grants (awarded in 2020).
- Department of Physics, University of Houston
- Presenters: Anjaly, Tania, Ananya, Atrayee, Chamini
- WiPS members for valuable suggestions.