



## Undergraduate Student Instrumentation Project

This course is an outcome for the 2015 NASA Science Mission Directorate (SMD) Undergraduate Student Instrument Project (USIP) Student Flight Research Opportunity competition that encouraged U.S. universities to offer undergraduates courses or clubs that build an Earth or space science payload that could fly on a suborbital vehicle, such as a sounding rocket, balloon, aircraft, or commercial suborbital reusable launch vehicles. The student team will be multidisciplinary and include undergraduate students from all disciplines including engineering, science, humanities, business, art, and other fields. The chosen experiments are planned to be flown starting March 2025.

The College of Natural Sciences and Mathematics, the Cullen College of Engineering, the School of Technology, and the Honors College at UH will be offering a two year program for credit to design and build balloon borne spacecraft to study the aurora borealis and the upper atmosphere using multiple payloads and hand launched balloons. A select number of students will be able to travel to Alaska to launch the experiments. Additional information or answers to questions can be obtained by sending email to one of the contacts below:

Prof. Edgar Bering, [eabering@uh.edu](mailto:eabering@uh.edu) , Prof. Andrew Renshaw, [arensaw@Central.UH.EDU](mailto:arensaw@Central.UH.EDU)



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## PERSONAL INFORMATION

LAST NAME:

FIRST NAME:

STREET ADDRESS:

CITY:

STATE:

ZIP CODE:

COUGARNET EMAIL

PHONE NUMBER:

ADDRESS:

DATE OF BIRTH:



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## EDUCATION

Tell us your major and your current academic standing

NAME OF COLLEGE:

MAJOR:

HOURS COMPLETED:

GRADUATION DATE:

PSID:

G.P.A.:

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AREA OF INTEREST:

BRIEF DESCRIPTION  
OF YOUR DESIRED  
ROLE:

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Please return completed form to :

eabering@uh.edu