
BADGES
Last Name
G-K
EXIT

1
00:00:00,000 --> 00:00:08,675
[music]

2
00:00:08,675 --> 00:00:12,713
>>KATRINA: School's out
for summer! For the next ten
weeks, thousands of students and

3
00:00:12,713 --> 00:00:17,384
recent graduates across the
country are going to be
interning at NASA. And about 425

4
00:00:17,384 --> 00:00:21,221
of them are going to be
interning across Goddard Space
Flight Center's four campuses in

5
00:00:21,221 --> 00:00:25,759
various cleanrooms, labs, and
offices. And here in Greenbelt,
Maryland, it's their first day,

6
00:00:25,759 --> 00:00:27,895
so let's go inside and talk to a
few of the interns.

7
00:00:27,895 --> 00:00:35,335
[upbeat music]

8
00:00:35,335 --> 00:00:37,404
>>KATRINA: Priscilla, what are
you working on here this
summer?

9
00:00:37,404 --> 00:00:39,406
>>PRISCILLA: So
I'll be working on research with

10
00:00:39,406 --> 00:00:46,346

mangroves and being able to
generate the global biomass for
mangroves using remote sensing.

11
00:00:46,346 --> 00:00:51,385
>>ALAN: So I'm working on the
LISA Pathfinder. It's a European
Space Agency mission that NASA's

12
00:00:51,385 --> 00:00:55,656
providing science support for.
So it's testing technologies out
for the first gravitational wave

13
00:00:55,656 --> 00:01:01,929
detector in space. >>EKATERINA:
I'm going to be doing database
development for topological

14
00:01:01,929 --> 00:01:06,099
data. >>MARJORIE: I'm working on
a thermal infrared sensor that's
going to measure land

15
00:01:06,099 --> 00:01:10,537
temperature. >>ROBERT: I'll be
working at the NASA Innovative
and Advanced Concepts division,

16
00:01:10,537 --> 00:01:15,075
and I'll be doing a lot of
paperwork, reading over people's
projects and reporting it to

17
00:01:15,075 --> 00:01:19,246
other people. >>HECTOR:
Understanding how oxygen and
other compounds work in the

18
00:01:19,246 --> 00:01:23,450
stratosphere in Saturn.
Basically more computational

chemistry that I'll be working

19
00:01:23,450 --> 00:01:27,020
at. >>CASSIE: Basically I'm
going to be looking at small
entry vehicles entering Mars and

20
00:01:27,020 --> 00:01:32,225
Venus, and how the heating
around the vehicle is being
affected by different probably

21
00:01:32,225 --> 00:01:35,729
Mach numbers, angles, things
like that. >>CLARE: And how did
you find out about this

22
00:01:35,729 --> 00:01:41,068
internship at NASA? >>STEVEN: I
originally met someone through a
conference last summer. I got

23
00:01:41,068 --> 00:01:44,838
introduced to somebody, one of
the branch managers who works
here and wanted me to work for

24
00:01:44,838 --> 00:01:48,442
him. >>PRISCILLA: The Indian
Natural Resources, Science and
Engineering Program, it's a

25
00:01:48,442 --> 00:01:53,613
really great program that helps
many underprivileged students,
low-income students.

26
00:01:53,613 --> 00:01:57,851
>>HECTOR: My mentor at my
university, he told me to
apply for it, because my work at the university is

27
00:01:57,851 --> 00:02:03,490
kind of related to it. >> KIYUN:
My dad heard about it somewhere
and was like, “Hey, maybe you’ll

28
00:02:03,490 --> 00:02:08,829
like this and you should apply”
and so I did. >>ALAN: I was just
browsing OSSI, looking at the

29
00:02:08,829 --> 00:02:13,400
list of different opportunities,
and added this one to my list.
>>CASSIE: I’ve been applying for

30
00:02:13,400 --> 00:02:17,604
the past, like three years
actually, so when I got this I
was super excited. It’s like a

31
00:02:17,604 --> 00:02:21,274
dream come true. >>KATRINA: If
you could send a mission to
anywhere in the universe to

32
00:02:21,274 --> 00:02:25,512
study anything you wanted, where
would it be and what would it
study? >>CHADDOR: I remember

33
00:02:25,512 --> 00:02:32,019
hearing about an exoplanet that
was completely ocean, that was
maybe ten times bigger than any

34
00:02:32,019 --> 00:02:37,924
ocean here on Earth. And we know
more about our Moon than our
oceans, so it would be amazing

35
00:02:37,924 --> 00:02:41,795

to figure out what a whole
planet of water could be.
>>CASSIE: Maybe toward the

36
00:02:41,795 --> 00:02:46,700
center of the Milky Way, study
black holes, things like that. I
find those super interesting.

37
00:02:46,700 --> 00:02:52,773
>>STEVEN: Europa, or maybe
Enceladus. And the reason being,
those are two of the most likely

38
00:02:52,773 --> 00:02:57,711
places in our solar system in
order to find life. >>ROBERT:
I'd go to Mars to study the ice

39
00:02:57,711 --> 00:03:02,816
caps, because those seem really
interesting to me to see how
they got there, what they're

40
00:03:02,816 --> 00:03:09,423
composed of, and how deep they
go. >>KIYUN: I don't know, I
guess anything, like planetary

41
00:03:09,423 --> 00:03:15,362
atmospheres, things like that.
>>EKATERINA: Europa. For sure,
like go into the ice on Europa,

42
00:03:15,362 --> 00:03:20,901
it's one of my favorite moons,
and I feel like there's a lot of
potential there. >>KATRINA: How

43
00:03:20,901 --> 00:03:28,709
many NASA field centers can you
name? >>ROBERT: Uh, zero?

>>KATRINA: Well you’re at one of

44
00:03:28,709 --> 00:03:33,113
them. >>ROBERT: Oh, so I’m at
Goddard Space Flight Center.
>>MARJORIE: I know there’s one

45
00:03:33,113 --> 00:03:39,119
in Houston and in California but
I can’t remember the names
though. >>CHADDOR: You’re

46
00:03:39,119 --> 00:03:44,558
killing me, I can’t, haha.
>>CASSIE: I can name Goddard,
Marshall, Langley, Ames.

47
00:03:44,558 --> 00:03:55,569
>>ALAN: Ooh! There’s
Goddard of course. Kennedy,
Johnson, Marshall, Ames, Armstrong, Langley.

48
00:03:55,569 --> 00:04:01,641
Ooh, last three, they’re
going to be tough. Is
Dryden still a thing? Okay Dryden, cool. Dryden is

49
00:04:01,641 --> 00:04:04,911
Armstrong, crap, never mind
there’s still three more.
>>STEVEN: Okay so we have

50
00:04:04,911 --> 00:04:15,455
Goddard, Glenn, Ames, Langley,
Armstrong, Kennedy, Johnson,
JPL, Marshall Space Flight

51
00:04:15,455 --> 00:04:20,393
Center, uh we don’t count
Wallops right or Stennis?
>>CLARE: I think we do count

52
00:04:20,393 --> 00:04:25,799
Stennis. >>STEVEN: Oh do we? Oh!
Stennis Space Center then. Am I
missing one? Yeah. >>CLARE: Best

53
00:04:25,799 --> 00:04:30,537
of the day! Congratulations!
>>KATRINA: Well good luck on the
rest of your internship this

54
00:04:30,537 --> 00:04:35,041
summer. >>PRISCILLA: Thank you
so much. >>CLARE: Well the
interns are off to orientation.

55
00:04:35,041 --> 00:04:39,613
Soon after, they'll start their
exciting and in many cases
out-of-this-world projects. You