



Judith Bruner



1  
00:00:00,010 --> 00:00:04,030  
<Click>

2  
00:00:04,030 --> 00:00:08,090  
My name is Judy Bruner, I work here

3  
00:00:08,090 --> 00:00:12,130  
at NASA Goddard and I'm the Director of Safety and Mission Assurance

4  
00:00:12,130 --> 00:00:16,150  
on center.

5  
00:00:16,150 --> 00:00:20,160  
(music)

6  
00:00:20,160 --> 00:00:24,170  
That means that I have the organization

7  
00:00:24,170 --> 00:00:28,230  
that's responsible for overall safety of all

8  
00:00:28,230 --> 00:00:32,290  
employees at all of our sites, as well as

9  
00:00:32,290 --> 00:00:36,320  
mission assurance for all of our flight missions, so we

10  
00:00:36,320 --> 00:00:40,380  
insure that the mission we are developing

11  
00:00:40,380 --> 00:00:44,460  
will be able to do what it's designed to

12  
00:00:44,460 --> 00:00:48,490  
do. So we provide a level of independence

13  
00:00:48,490 --> 00:00:52,530

and over site and through the mission live cycle

14

00:00:52,530 --> 00:00:56,610

at various stages, observing the steps that are being

15

00:00:56,610 --> 00:01:00,640

taken to implement our flight missions. And again

16

00:01:00,640 --> 00:01:04,670

the goal is mission success.

17

00:01:04,670 --> 00:01:08,690

I can remember driving

18

00:01:08,690 --> 00:01:12,720

through the gate and I just could not stop smiling.

19

00:01:12,720 --> 00:01:16,770

I was actually here, I was actually working for NASA.

20

00:01:16,770 --> 00:01:20,790

It was awesome.

21

00:01:20,790 --> 00:01:24,820

I was working on Hubble Space Telescope.

22

00:01:24,820 --> 00:01:28,890

So, when I left active duty and

23

00:01:28,890 --> 00:01:32,900

came to NASA as a contractor, it was the first time

24

00:01:32,900 --> 00:01:36,940

in ten years that I actually got to use my computer science degree.

25

00:01:36,940 --> 00:01:40,990

So, my initial job was to design

26  
00:01:40,990 --> 00:01:45,010  
and develop the software, the ground system

27  
00:01:45,010 --> 00:01:49,030  
for Hubble Space Telescope. So, I wrote the code

28  
00:01:49,030 --> 00:01:53,080  
that they used in the control the center, that actually command

29  
00:01:53,080 --> 00:01:57,090  
the Hubble, for the first few years. I tested

30  
00:01:57,090 --> 00:02:01,120  
every single line of that code myself.

31  
00:02:01,120 --> 00:02:05,170  
I was putting myself

32  
00:02:05,170 --> 00:02:09,220  
through college, and at the end of my junior year I was trying

33  
00:02:09,220 --> 00:02:13,260  
to figure out how I was going to pay for my senior year, and an Army

34  
00:02:13,260 --> 00:02:17,300  
recruiter came to the dorm and was telling us about

35  
00:02:17,300 --> 00:02:21,310  
a program in the Army. If you enlisted then they would pay

36  
00:02:21,310 --> 00:02:25,390  
for senior year. So, that certainly got my attention, I thought

37  
00:02:25,390 --> 00:02:29,440  
that was appealing and went to talk to some of the other

38  
00:02:29,440 --> 00:02:33,460

services. I was very intrigued by what the Navy recruiter

39

00:02:33,460 --> 00:02:37,480

had to say and so, I enlisted in the Navy at the end of

40

00:02:37,480 --> 00:02:41,580

my junior year in college. In the fall completed my senior

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00:02:41,580 --> 00:02:45,600

year and graduation day I got my

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00:02:45,600 --> 00:02:49,670

degree in computer science in the morning and

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00:02:49,670 --> 00:02:53,750

I was commissioned as an ensign in the United States

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00:02:53,750 --> 00:02:57,770

Navy in the afternoon.

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00:02:57,770 --> 00:03:01,810

The most important lesson that I think

46

00:03:01,810 --> 00:03:05,830

I've learned in my life is to

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00:03:05,830 --> 00:03:09,870

take advantage of every opportunity that you have and

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00:03:09,870 --> 00:03:13,920

when a door opens take advantage

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00:03:13,920 --> 00:03:17,960

of that as well. My career has not

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00:03:17,960 --> 00:03:21,990

necessarily gone the way I anticipated, because

51  
00:03:21,990 --> 00:03:26,030  
along the way opportunities presented themselves

52  
00:03:26,030 --> 00:03:30,050  
that I never anticipated. But I was in the right place

53  
00:03:30,050 --> 00:03:34,060  
at the right time and took advantage of those

54  
00:03:34,060 --> 00:03:38,120  
and it all worked together to help me move forward

55  
00:03:38,120 --> 00:03:42,140  
and do the things that ultimately I wanted to do.

56  
00:03:42,140 --> 00:03:46,150  
My advice

57  
00:03:46,150 --> 00:03:50,240  
to women would go back to

58  
00:03:50,240 --> 00:03:54,260  
the principal that's guided me through my career

59  
00:03:54,260 --> 00:03:58,300  
and that is just be

60  
00:03:58,300 --> 00:04:02,350  
open to opportunities. Even if it

61  
00:04:02,350 --> 00:04:06,400  
isn't something you think you can do or you've ever

62  
00:04:06,400 --> 00:04:10,450  
do or thought you would want to do. If an opportunity presents

63  
00:04:10,450 --> 00:04:14,520

itself take advantage of it and be aware, because

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00:04:14,520 --> 00:04:18,540

sometimes doors open that are unexpected

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00:04:18,540 --> 00:04:22,570

and take advantage of that. It's

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00:04:22,570 --> 00:04:26,640

an opportunity to learn to figure out

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00:04:26,640 --> 00:04:30,670

what your own capabilities are and in some

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00:04:30,670 --> 00:04:34,710

cases it may lead you down a totally different path than you

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00:04:34,710 --> 00:04:38,770

thought you were on initially, but that's ok

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00:04:38,770 --> 00:04:42,790

and again the main thing is

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00:04:42,790 --> 00:04:46,850

don't be locked in, always be ready

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00:04:46,850 --> 00:04:50,920

to make a course correction. If you're given that

73

00:04:50,920 --> 00:04:54,930

opportunity.