



1
00:00:24,080 --> 00:00:21,560
retention may I have your attention

2
00:00:26,120 --> 00:00:24,090
please I'm Lori Meggs and I'm bill

3
00:00:28,220 --> 00:00:26,130
hubscher welcome to focus on Marshall on

4
00:00:29,929 --> 00:00:28,230
today's program you're going to meet the

5
00:00:31,939 --> 00:00:29,939
woman behind the voice will helps keep

6
00:00:33,139 --> 00:00:31,949
Marshall employees safe but first we'll

7
00:00:35,270 --> 00:00:33,149
visit with a Marshall team that helped

8
00:00:38,389 --> 00:00:35,280
spread NASA's message all across the

9
00:00:40,220 --> 00:00:38,399
country we're here at the u.s. space &

10
00:00:41,750 --> 00:00:40,230
Rocket Centre in Huntsville which is not

11
00:00:43,700 --> 00:00:41,760
only a space museum and the home to

12
00:00:45,650 --> 00:00:43,710
space camp but it is also the official

13
00:00:47,299 --> 00:00:45,660

NASA visitor center here in North

14

00:00:48,860 --> 00:00:47,309

Alabama and we're joined by the Marshall

15

00:00:51,680 --> 00:00:48,870

Space Flight centers John Jim Lynn who

16

00:00:52,939 --> 00:00:51,690

is the manager of exhibits John first of

17

00:00:55,069 --> 00:00:52,949

all to give us a little overview as to

18

00:00:56,479 --> 00:00:55,079

what the exhibits team does bill the

19

00:00:59,660 --> 00:00:56,489

exhibits team is a cradle-to-grave

20

00:01:02,029 --> 00:00:59,670

exhibits program we can design exhibits

21

00:01:05,329 --> 00:01:02,039

we build them we operate them on the

22

00:01:07,730 --> 00:01:05,339

road we manage them for years as they're

23

00:01:10,070 --> 00:01:07,740

at museums around the country we can

24

00:01:12,140 --> 00:01:10,080

offer research services to people

25

00:01:14,149 --> 00:01:12,150

projects and programs that would like

26

00:01:16,910 --> 00:01:14,159

for us to help them get their word out

27

00:01:18,109 --> 00:01:16,920

in fact you handle displays and models

28

00:01:20,030 --> 00:01:18,119

as you mentioned including this one

29

00:01:22,039 --> 00:01:20,040

right here that's right and we did this

30

00:01:24,410 --> 00:01:22,049

one while we built displays in the

31

00:01:26,120 --> 00:01:24,420

proper lobby of the rocket center we

32

00:01:28,100 --> 00:01:26,130

have traveling exhibits here at the

33

00:01:29,359 --> 00:01:28,110

Visitor Center right now on display but

34

00:01:31,100 --> 00:01:29,369

we also partner with them through Space

35

00:01:33,260 --> 00:01:31,110

Act agreements and other agreements to

36

00:01:35,600 --> 00:01:33,270

operate things around the country tell

37

00:01:37,640 --> 00:01:35,610

us why NASA felton so important to have

38

00:01:39,170 --> 00:01:37,650

an exhibits Department well the exhibits

39

00:01:41,270 --> 00:01:39,180

program complements the other

40

00:01:42,980 --> 00:01:41,280

communications tools that nASA has in

41

00:01:45,920 --> 00:01:42,990

NASA's charter the Space Act of nineteen

42

00:01:47,870 --> 00:01:45,930

fifty eight NASA was chartered to get

43

00:01:49,399 --> 00:01:47,880

the word out about its projects in

44

00:01:51,190 --> 00:01:49,409

programs but also about discoveries of

45

00:01:55,280 --> 00:01:51,200

things that you know that we have

46

00:01:57,800 --> 00:01:55,290

developed or benefits that have spun out

47

00:01:59,840 --> 00:01:57,810

of the space program for the last 30

48

00:02:01,730 --> 00:01:59,850

years 40 years and so the exhibits

49

00:02:03,590 --> 00:02:01,740

program complements how the public

50

00:02:06,080 --> 00:02:03,600

learns about those verbally or in

51
00:02:07,639 --> 00:02:06,090
writing so you basically help get the

52
00:02:09,770 --> 00:02:07,649
message out that's correct people learn

53
00:02:12,050 --> 00:02:09,780
in different ways and some folks

54
00:02:14,210 --> 00:02:12,060
have to touch some experience a lot of

55
00:02:15,980 --> 00:02:14,220
people learn or used to learn by reading

56
00:02:17,960 --> 00:02:15,990
and writing and listening to to the

57
00:02:20,510 --> 00:02:17,970
verbal word some people just have to

58
00:02:22,520 --> 00:02:20,520
have that information reinforced by

59
00:02:24,170 --> 00:02:22,530
touching and experiencing exhibits and

60
00:02:25,340 --> 00:02:24,180
so we do that we also have staffers that

61
00:02:27,320 --> 00:02:25,350
travel around and help explain things

62
00:02:28,850 --> 00:02:27,330
further when people have questions well

63
00:02:30,410 --> 00:02:28,860

you really do build these items the

64

00:02:32,270 --> 00:02:30,420

displays the models from the ground up

65

00:02:33,920 --> 00:02:32,280

cradle to grave as you mentioned so

66

00:02:35,090 --> 00:02:33,930

let's go back onto the Marshall Space

67

00:02:38,210 --> 00:02:35,100

Flight Center and see where you guys

68

00:02:40,250 --> 00:02:38,220

build those let's do that now we're out

69

00:02:41,990 --> 00:02:40,260

here at building 4631 back at the

70

00:02:43,970 --> 00:02:42,000

Marshall Center and are joined by Sheree

71

00:02:45,890 --> 00:02:43,980

Smith who is an outreach integration

72

00:02:47,420 --> 00:02:45,900

lead in here in the model shop well

73

00:02:49,490 --> 00:02:47,430

that's just not officially the model

74

00:02:51,740 --> 00:02:49,500

shop is it yes official refer to this as

75

00:02:53,330 --> 00:02:51,750

our design and fabrication shops but it

76
00:02:54,710 --> 00:02:53,340
is affectionately known as a model shop

77
00:02:56,540 --> 00:02:54,720
because of the significant amount of

78
00:02:58,220 --> 00:02:56,550
work we've done over the years right the

79
00:03:00,410 --> 00:02:58,230
model shop has been here for what 40

80
00:03:03,470 --> 00:03:00,420
years we've had employees working here

81
00:03:06,020 --> 00:03:03,480
for 45 up to 45 years of working on

82
00:03:07,820 --> 00:03:06,030
models from the f1 engine all the way up

83
00:03:09,350 --> 00:03:07,830
through our ares model set this is a

84
00:03:10,490 --> 00:03:09,360
very intricate models you have here and

85
00:03:12,199 --> 00:03:10,500
this is of course it's just just

86
00:03:14,180 --> 00:03:12,209
beautiful work how do you do stuff like

87
00:03:16,610 --> 00:03:14,190
this where our team is comprised of

88
00:03:18,590 --> 00:03:16,620

technicians who are fabricators and Bill

89

00:03:20,600 --> 00:03:18,600

the molds for these models and work

90

00:03:22,550 --> 00:03:20,610

other exhibits we also have graphics

91

00:03:24,410 --> 00:03:22,560

specialists outreach coordinators

92

00:03:26,900 --> 00:03:24,420

property manager and we're led by our

93

00:03:28,520 --> 00:03:26,910

civil service project liaisons and as

94

00:03:30,470 --> 00:03:28,530

much as I would love to see one of these

95

00:03:32,240 --> 00:03:30,480

models out on my desk they're actually

96

00:03:34,069 --> 00:03:32,250

guessing to be to be spread across the

97

00:03:36,110 --> 00:03:34,079

country right yes they go around to

98

00:03:38,599 --> 00:03:36,120

various NASA centers trade shows

99

00:03:40,130 --> 00:03:38,609

technical conferences and any other way

100

00:03:42,349 --> 00:03:40,140

to get our messages out to the general

101
00:03:44,259 --> 00:03:42,359
public I know you have one exhibit in

102
00:03:46,970 --> 00:03:44,269
particular that's very large and very

103
00:03:48,979 --> 00:03:46,980
high-tech that is our vision for space

104
00:03:51,410 --> 00:03:48,989
exploration experience trailer can we go

105
00:03:52,970 --> 00:03:51,420
take a look at that yes again so we've

106
00:03:54,250 --> 00:03:52,980
stepped outside of the model shop to

107
00:03:56,090 --> 00:03:54,260
where the vision for Space Exploration

108
00:03:57,710 --> 00:03:56,100
experiences parked and I say that

109
00:03:59,420 --> 00:03:57,720
correctly yes this is one of our more

110
00:04:01,160 --> 00:03:59,430
exciting exhibits that we take out on

111
00:04:03,289 --> 00:04:01,170
the road to share information about our

112
00:04:05,539 --> 00:04:03,299
plans for the next 20 years to return to

113
00:04:07,430 --> 00:04:05,549

the moon go to Mars visitors come in and

114

00:04:09,770 --> 00:04:07,440

get an overview of the vision and then

115

00:04:11,750 --> 00:04:09,780

learn about Moon and Mars through our

116

00:04:14,330 --> 00:04:11,760

holographic images and in the back we

117

00:04:16,250 --> 00:04:14,340

have the experience the theater portion

118

00:04:17,410 --> 00:04:16,260

where visitors can act like they're

119

00:04:20,020 --> 00:04:17,420

kicking moon rocks

120

00:04:22,720 --> 00:04:20,030

mars rocks now they don't actually kick

121

00:04:25,300 --> 00:04:22,730

Moon or Mars Roger no sir we use our

122

00:04:27,130 --> 00:04:25,310

technology with cameras projection

123

00:04:29,320 --> 00:04:27,140

systems that pick up people's emotions

124

00:04:32,260 --> 00:04:29,330

to simulate moving the Moon and Mars

125

00:04:34,720 --> 00:04:32,270

rocks but now we do have a touch of a

126

00:04:36,400 --> 00:04:34,730

moon rock on the exhibit and it goes out

127

00:04:37,630 --> 00:04:36,410

on tour as well yes in fact you need a

128

00:04:39,340 --> 00:04:37,640

whole staff of people to go out on tour

129

00:04:41,320 --> 00:04:39,350

this thing yes we have outreach

130

00:04:42,910 --> 00:04:41,330

coordinators and technicians that go

131

00:04:45,130 --> 00:04:42,920

along with this and it takes several

132

00:04:46,690 --> 00:04:45,140

months of planning because what we try

133

00:04:48,310 --> 00:04:46,700

to do is not only have the exhibit

134

00:04:50,380 --> 00:04:48,320

brought to town but we try to organize

135

00:04:52,780 --> 00:04:50,390

opportunities for national speakers to

136

00:04:55,260 --> 00:04:52,790

come out and share information work with

137

00:04:57,820 --> 00:04:55,270

our NASA Education offices so we can

138

00:05:00,670 --> 00:04:57,830

organize activities for students and

139

00:05:02,290 --> 00:05:00,680

have VIP and media nights anything to

140

00:05:04,990 --> 00:05:02,300

get that message out right everything we

141

00:05:06,610 --> 00:05:05,000

can in fact you have an example I guess

142

00:05:07,960 --> 00:05:06,620

of the experience here in town now right

143

00:05:10,180 --> 00:05:07,970

yes we have our vision for space

144

00:05:11,950 --> 00:05:10,190

exploration experience dome which is a

145

00:05:14,020 --> 00:05:11,960

smaller version which has the back

146

00:05:15,160 --> 00:05:14,030

theater and it's set up here in

147

00:05:17,430 --> 00:05:15,170

Huntsville set up right here in that

148

00:05:20,110 --> 00:05:17,440

soon can we go check it out yes you may

149

00:05:21,400 --> 00:05:20,120

John sherry showed us the model shop and

150

00:05:23,200 --> 00:05:21,410

the trailer and she told us about the

151
00:05:25,510 --> 00:05:23,210
dome which is very impressive a true

152
00:05:27,010 --> 00:05:25,520
floor to ceiling surrounding experience

153
00:05:28,150 --> 00:05:27,020
what can you tell us about it well this

154
00:05:29,830 --> 00:05:28,160
particular exhibit was built for a

155
00:05:31,270 --> 00:05:29,840
headquarters exploration they asked us

156
00:05:32,890 --> 00:05:31,280
to develop something that allowed the

157
00:05:34,210 --> 00:05:32,900
public to experience what it might be

158
00:05:36,550 --> 00:05:34,220
like to walk on the moon or to walk on

159
00:05:38,860 --> 00:05:36,560
the Mars and you do a lot of these kinds

160
00:05:41,320 --> 00:05:38,870
of displays for all kinds of departments

161
00:05:43,390 --> 00:05:41,330
at NASA we do primarily we focus on the

162
00:05:45,640 --> 00:05:43,400
institution for Marshall but we also our

163
00:05:47,530 --> 00:05:45,650

client based in other words projects and

164

00:05:49,360 --> 00:05:47,540

programs that have an exhibits component

165

00:05:51,280 --> 00:05:49,370

for their outreach and communication

166

00:05:52,900 --> 00:05:51,290

strategies they will come to us can ask

167

00:05:54,490 --> 00:05:52,910

us to execute for them and if we have a

168

00:05:56,770 --> 00:05:54,500

number of clients like that we can get

169

00:05:58,930 --> 00:05:56,780

some synergy for executing an exhibits

170

00:06:01,330 --> 00:05:58,940

program for them and save the cost for

171

00:06:03,610 --> 00:06:01,340

everybody your displays and models and

172

00:06:04,870 --> 00:06:03,620

exhibits are very popular how many

173

00:06:07,270 --> 00:06:04,880

different places you visit last year

174

00:06:09,880 --> 00:06:07,280

well an exhibit event can range from

175

00:06:11,830 --> 00:06:09,890

loaning a model to somebody for speaking

176

00:06:13,330 --> 00:06:11,840

engagement all the way up to a big large

177

00:06:14,770 --> 00:06:13,340

traveling exhibit that might be in a

178

00:06:17,860 --> 00:06:14,780

mall for nine weeks or thereabouts we

179

00:06:19,690 --> 00:06:17,870

did about 150 of those in 2006 Wow and

180

00:06:21,310 --> 00:06:19,700

right now the dome is at the early works

181

00:06:23,620 --> 00:06:21,320

children's History Museum here in

182

00:06:26,050 --> 00:06:23,630

Huntsville why putting it in a history

183

00:06:27,580 --> 00:06:26,060

museum for children well museums are our

184

00:06:28,360 --> 00:06:27,590

key and children's museums are getting

185

00:06:32,290 --> 00:06:28,370

more key

186

00:06:34,900 --> 00:06:32,300

for us because we are trying to convey

187

00:06:37,210 --> 00:06:34,910

information to a next generation of

188

00:06:38,890 --> 00:06:37,220

astronauts that will run NASA in 20 or

189

00:06:40,990 --> 00:06:38,900

30 years and actually execute division

190

00:06:42,790 --> 00:06:41,000

for Space Exploration John this is a

191

00:06:44,500 --> 00:06:42,800

very impressive multi exhibits have been

192

00:06:45,520 --> 00:06:44,510

impressive for us to see today and thank