my name is lynn carter my work in the
planetary gi dynamics group here at
Goddard where I am a research space
scientist I study the geology of
planetary surfaces the earth moon Mars
Venus a typical day at the office for me
consists of a wide range of things like
today for example I spent some time
looking at pictures of the moon taken
with radar trying to understand
 cratering and how the cratering process
happens on the moon one of my favorite
things is that we actually get to go up
I wouldn't do field work so sometimes I
do field work in Hawaii or Arizona and
we take a ground-penetrating radar out
and we learn more about lava flows on
the earth my love of being outdoors and
just of nature in general and how things
in nature work probably had a lot to do
with why I became a scientist my advice
for young girls considering the science
and technology and engineering jobs
would be to really take as much science
and math as you can early on and then by
the time you get to be like an
undergraduate level I would say start
doing research as early as possible
because research really lets you think of your own ideas and learn how to do the sorts of things that you would be doing as a scientist or engineer in the field it's real world experience that's really useful