

“You’ll never find that!”

OR,

A CAREER IN QUANTUM

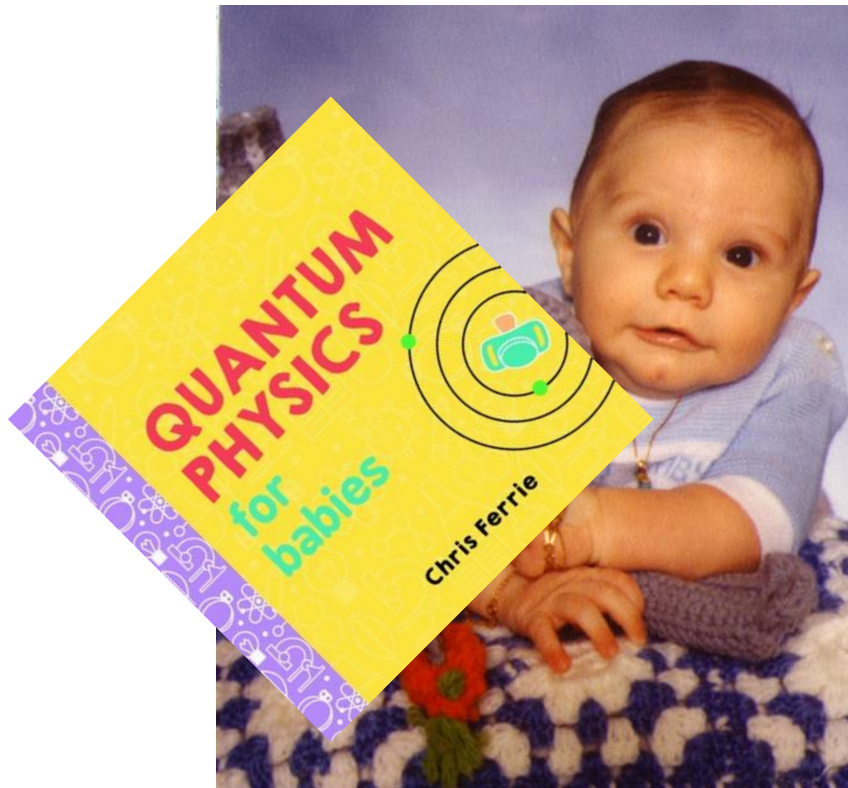
Charles Tahan

Internships	NASM, NASA, ...
Undergrad	Physics and CS / William & Mary
Grad Student	Physics / U. Wisconsin
Postdoc	Cavendish Labs / U. Cambridge
SETA	Booz Allen Hamilton / DARPA
Principal Investigator	
Program Manager	Laboratory for Physical Sciences
Leading a technical team	National Security Agency
Office Chief	University of Maryland
Technical Director	
Assistant Director	Office of S&T Policy / White House
Executive	Microsoft

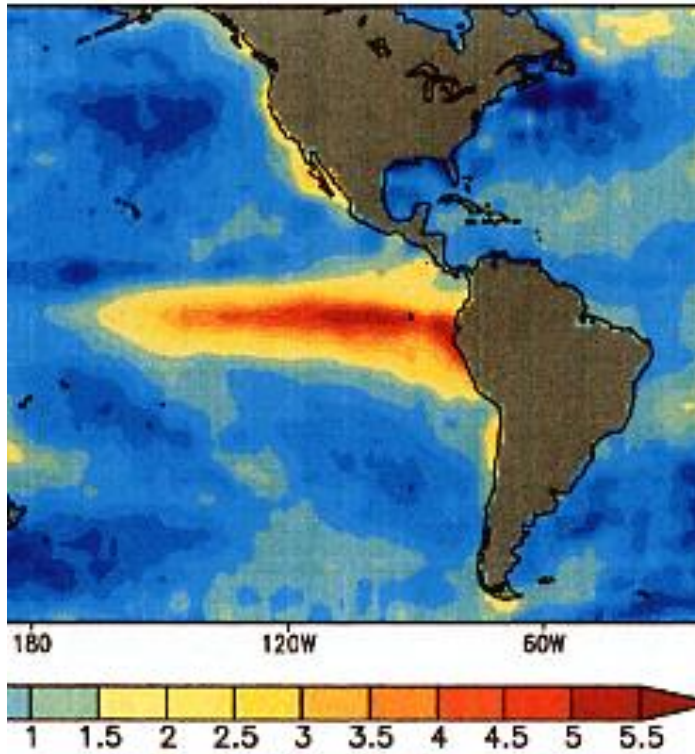
Assumptions

1. You want to have positive change on the world.
2. It is completely and totally reasonable to expect that you can do that.

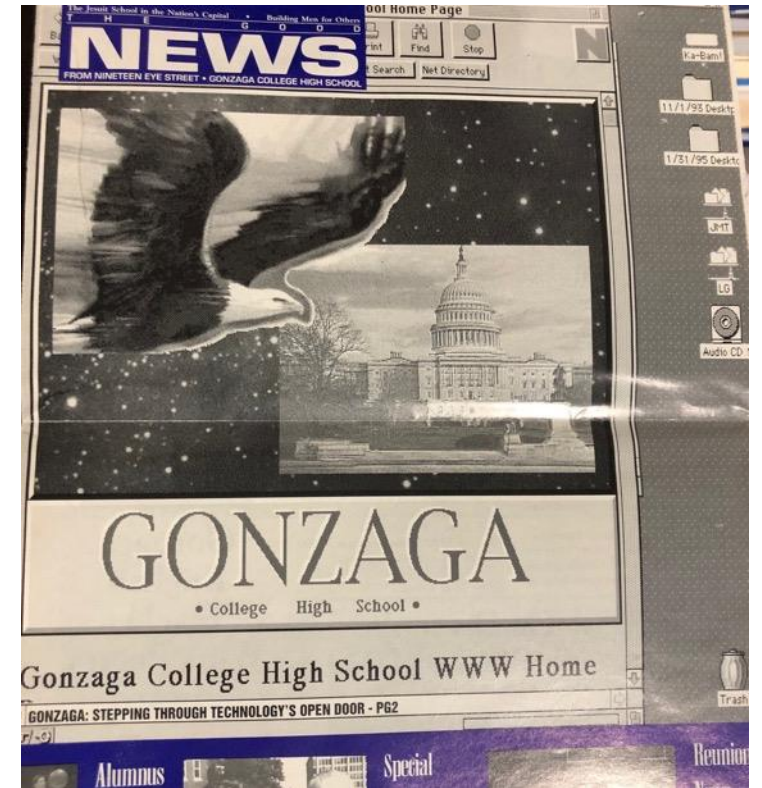
Internships



I didn't know what the hell I was doing.

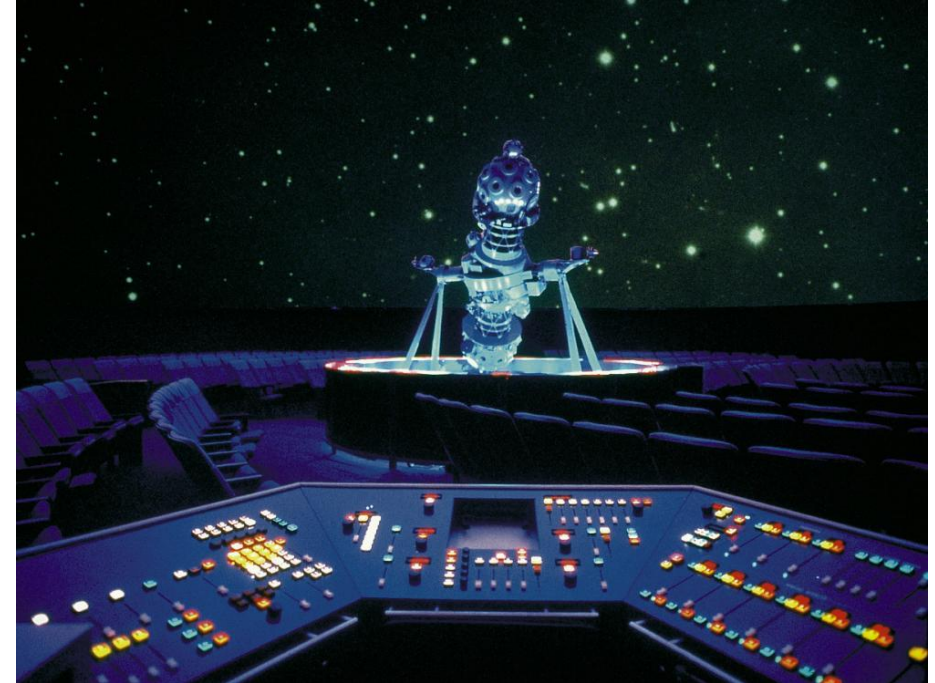


Science fairs and being different.



Finding your pop-wheelie moment.

Master the simple stuff
Find your pop wheelie
Favor responsibility



Master the simple stuff

Find your pop wheelie

Favor responsibility

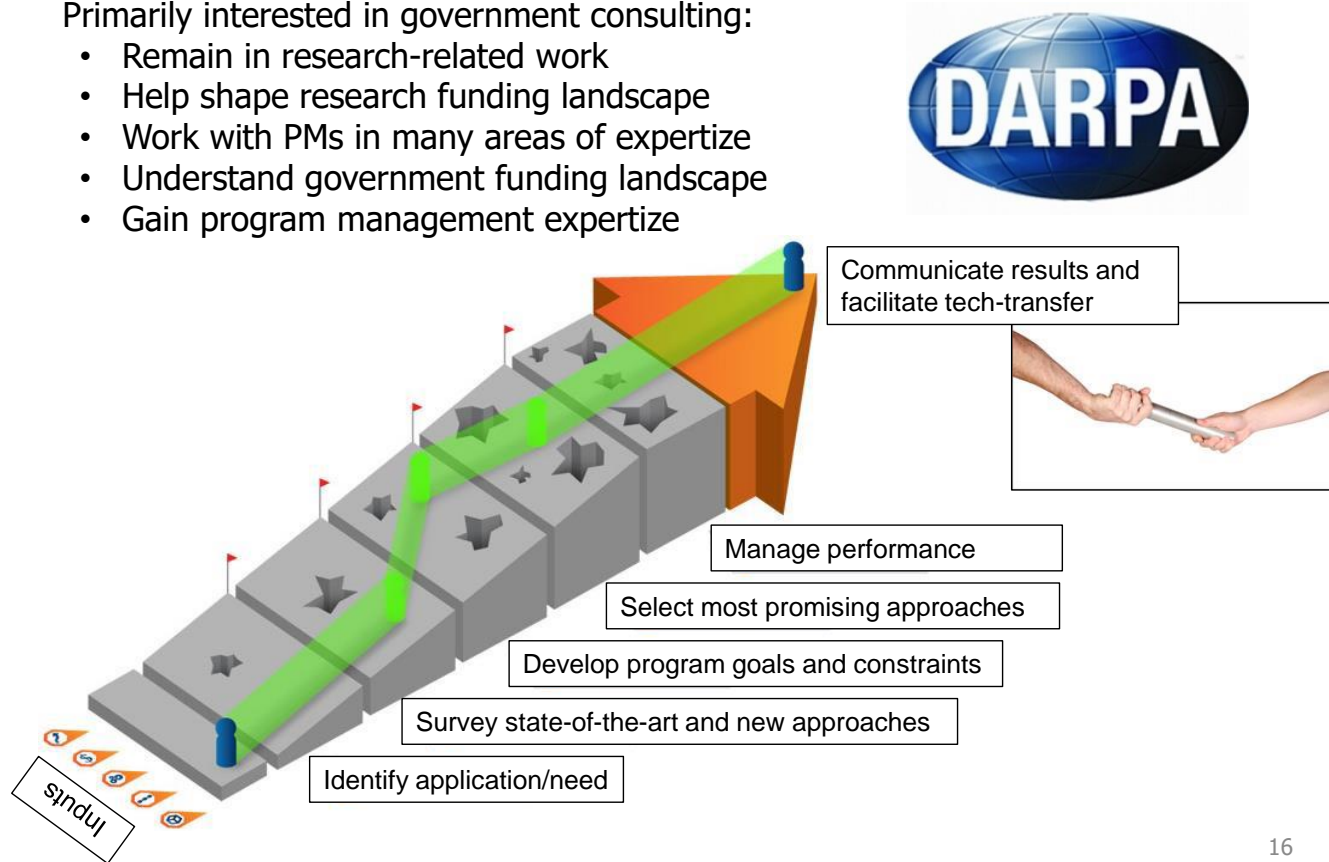
Do too much | work balance *over your life* | compression of learning

Let other people help you

SETA (technical consultant) & Program Manager

Primarily interested in government consulting:

- Remain in research-related work
- Help shape research funding landscape
- Work with PMs in many areas of expertise
- Understand government funding landscape
- Gain program management expertise



Master the simple stuff

Find your pop wheelie

Favor responsibility

Do too much | *work balance over your life* | compression of learning

Let other people help you

Be in a growth environment | compression of opportunity

Technical PI/Lead/Chief/TD @ LPS

“matter enables mission”

“information is physical”

**Microelectronics
Integration**

**Optics and RF
Innovations**

**Advanced Computing
Systems**

**Solid State and
Quantum Physics**



qubitcollaboratory.org

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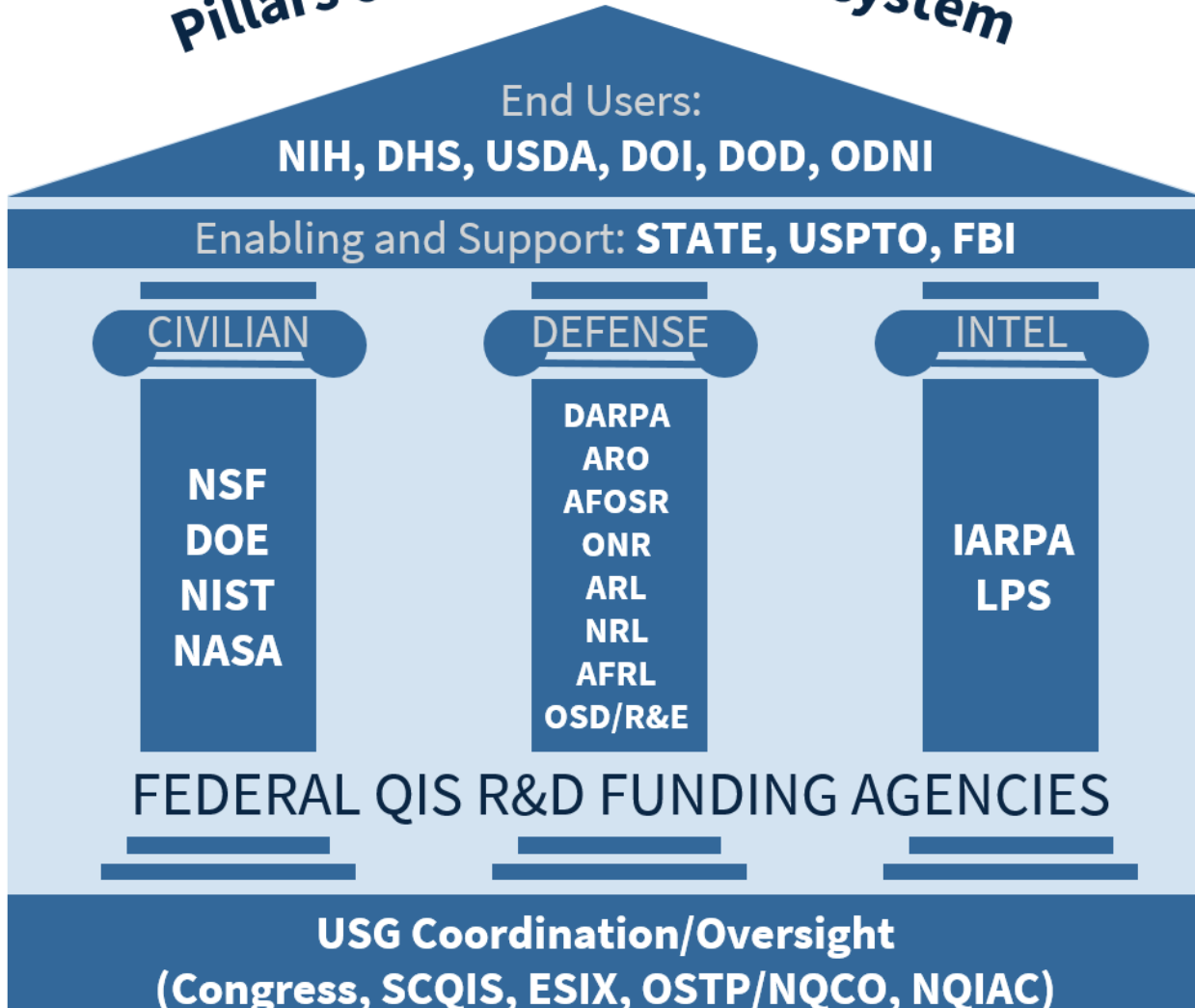
Let other people help you

Be in a growth environment | compression of opportunity

Find out what you like to do | be indispensable

Director of the NQI

Pillars of Federal QIS Ecosystem



⟨quantum|gov⟩



Master the simple stuff

Find your pop wheelie

Favor responsibility

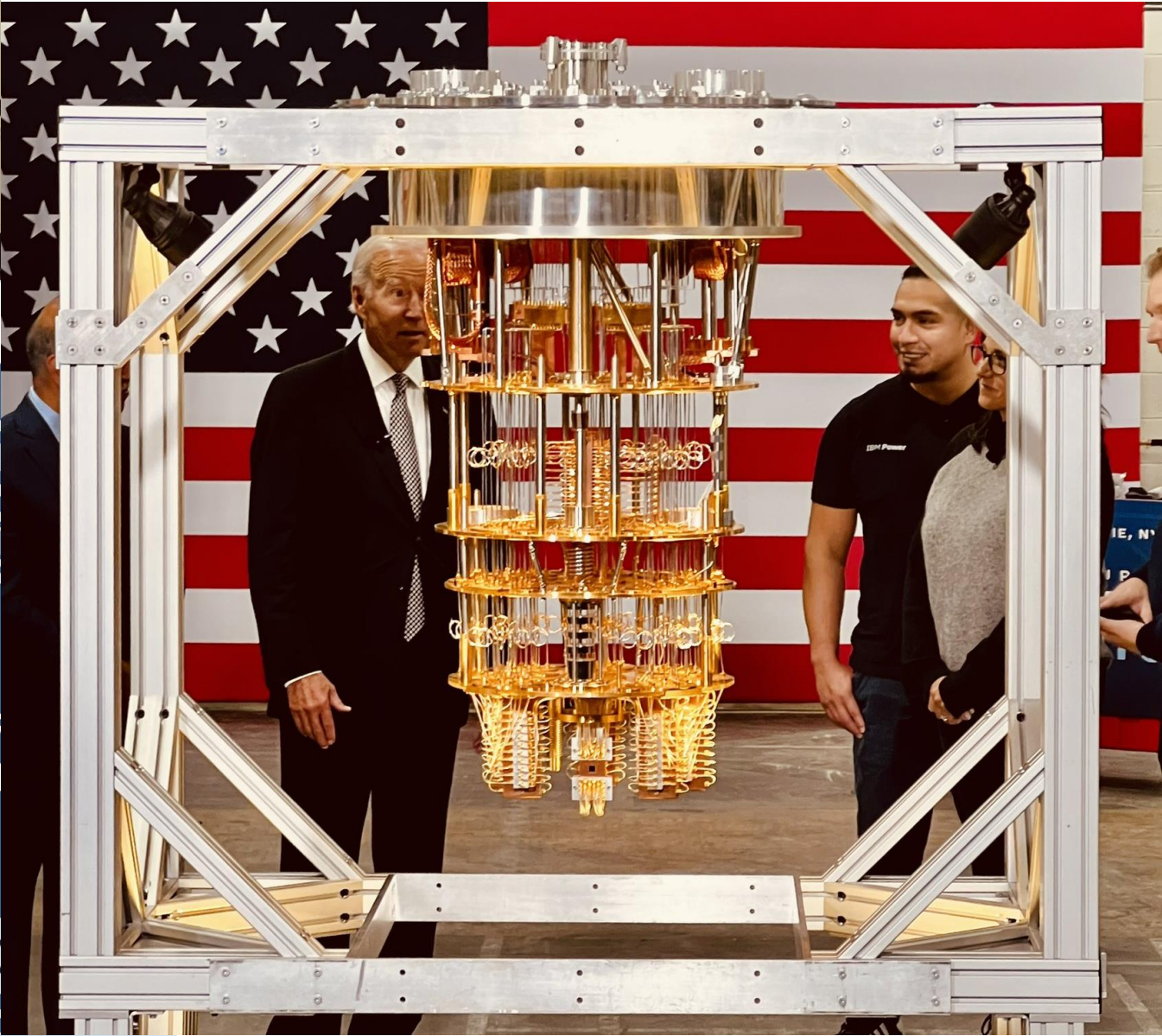
Do too much | *work balance over your life* | compression of learning

It's all about people | Let other people help you

Be in a growth environment | *compression of opportunity*

Find out what you like to do

You're only as good as your next gig



**/Oversight
(Congress, SCQIS, ESIX, OSTP/NQCO, NQIAC)**