



U.S. DEPARTMENT OF
ENERGY

Office of
Science

Meet & Greet

APS All-Hands Meeting

January 25, 2023

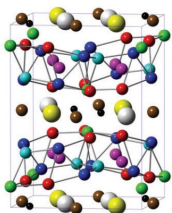
Dr. Dava Keavney

*Program Manager for X-ray Light Sources, Basic Energy Sciences,
Scientific User Facilities Division*

Origin Story*



Argonne
NATIONAL
LABORATORY



JHU,
Argonne,
U of A
**Magnetic
Materials**



AMERICAN ASSOCIATION FOR
THE ADVANCEMENT OF SCIENCE



Advanced
Photon Source
Beamline
Scientist
2001-2019

**Magnetic
Spectroscopy
and Imaging**



U.S. State
Department
AAAS Science
and Technology
Policy Fellow
2019-2021

**Clean Energy
Mineral Supply
Chains**

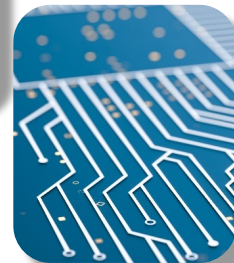
U.S. DOE Advanced
Manufacturing Office
2021-2022

**Critical Material
Supply Chains,
Industrial
Decarbonization**



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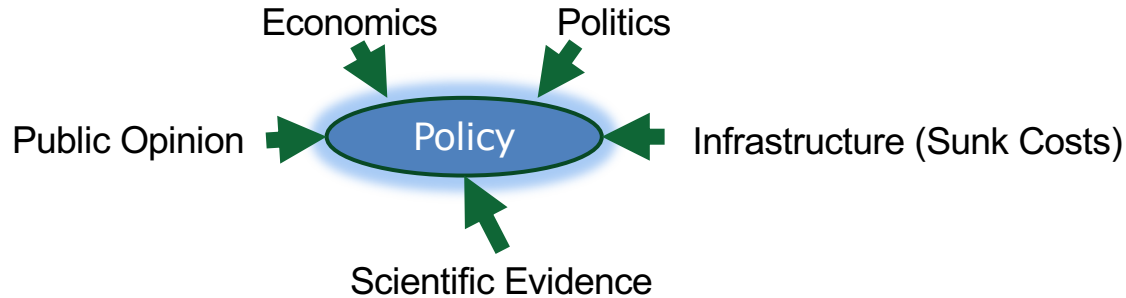


*"Career paths only make
sense in retrospect"*

*Having an Origin Story does not imply possession of a Superpower.

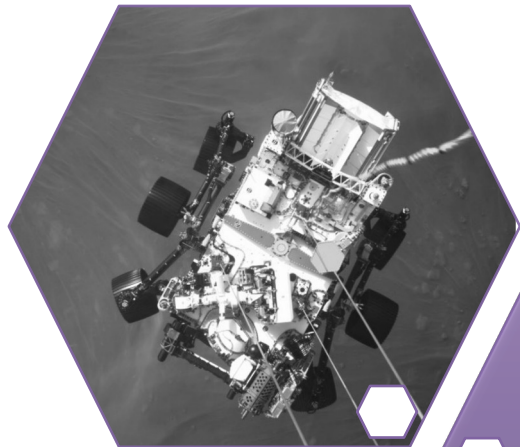
AAAS Fellowship – what was learned?

1. Policy, including science policy, has inputs other than science



2. Communicating scientific and technical ideas
 - We need to get over the fact that science doesn't speak for itself
 - The important messages are very audience-specific
3. For such a huge Federal government the Federal government is kind of small

Two areas I want to speak to

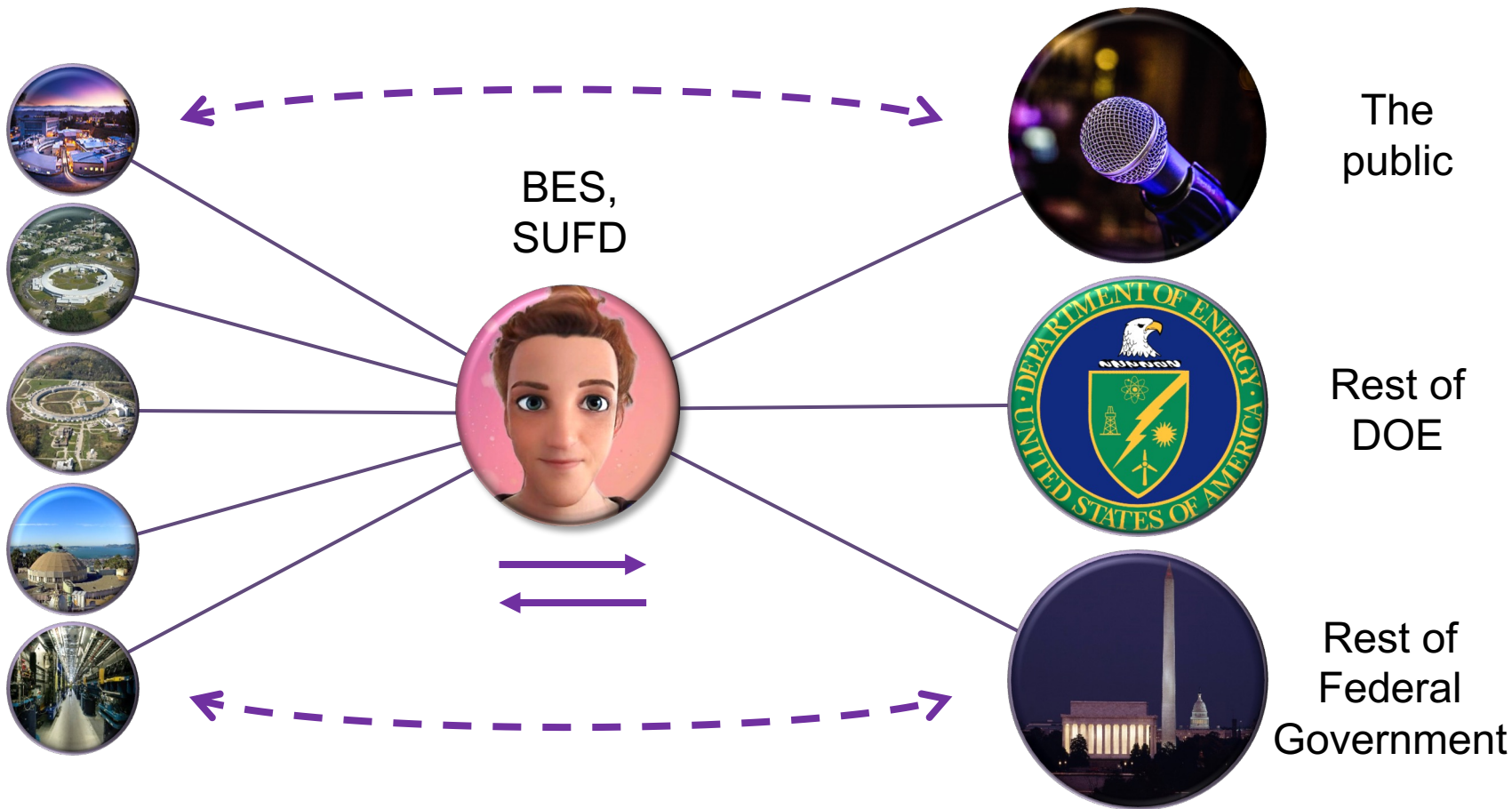


Communication
with the public

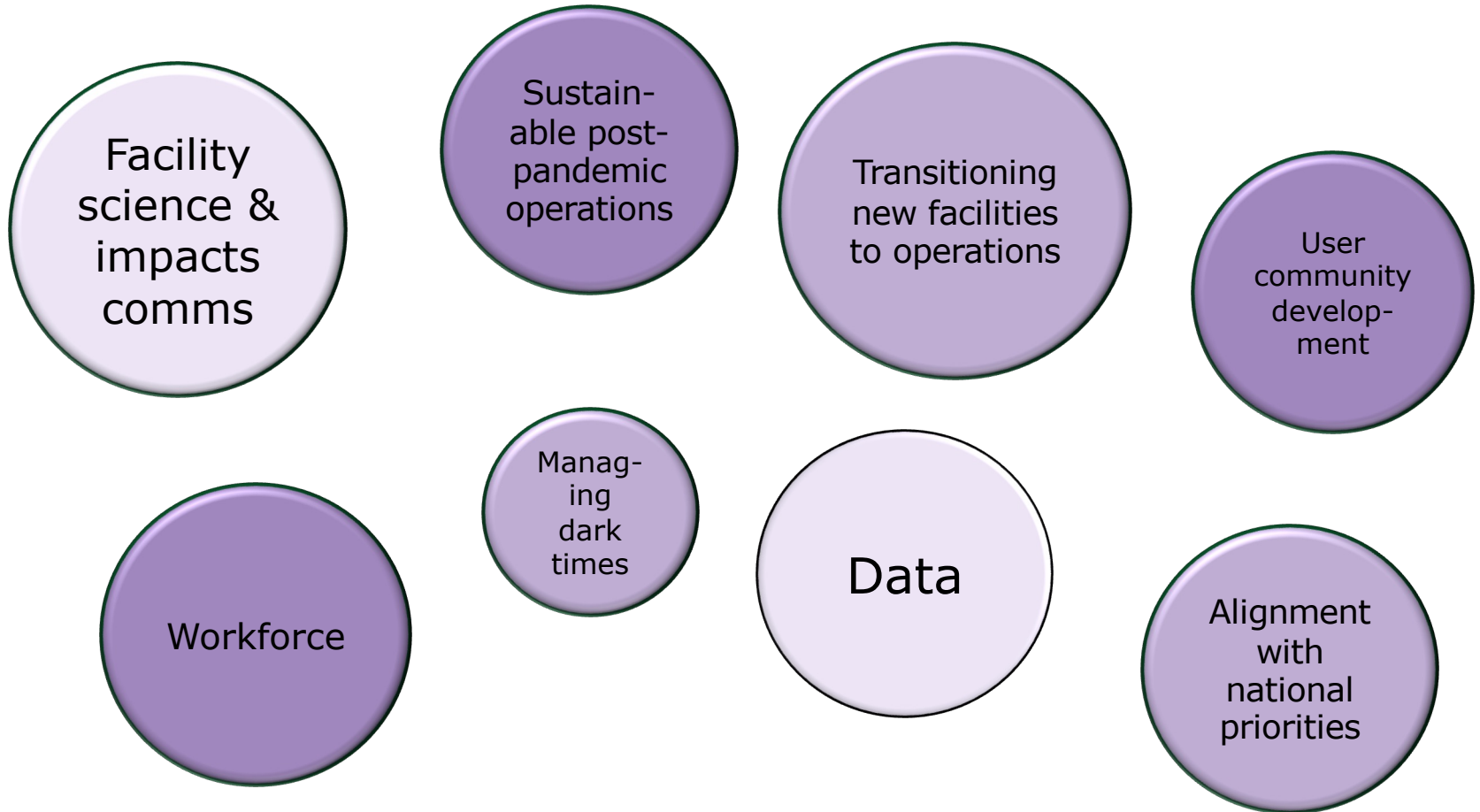
Communication
with DOE



One view of my role



Challenges and opportunities



Some things I'm working on

👉👉 This Friday! 👉👉

DOE/BES User Facility Science: Providing the Foundations for Forefront Energy, Microelectronics, Low-Carbon Manufacturing, and Biopreparedness—Friday, January 27, 2023, 12:00 – 1:45 pm EST!

Department of Energy Office of Science User Facilities advance national scientific priorities in key areas such as the energy transition, economic competitiveness, and pandemic response. Hear from facility scientists and users on how their work and the facilities enable foundational science for the nation.

Register here: https://www.zoomgov.com/webinar/register/WN_uTnAartGRQu0fjh71kTBsQ



Dr. Asmeret Asefaw Berhe
Director, Office of Science
Welcome Remarks



Prof. Sossina Haile
Northwestern University
Catalyzing the Energy Transformation through Exquisite Knowledge of Surface Characteristics



Prof. Leora Dresselhaus-Marais
Stanford University
Building the Science to Decarbonize Manufacturing – from Making Steel to 3D Printing Parts



Dr. Yong Chu
Brookhaven National Lab, NSLS-II
X-ray Imaging of Microelectronics



Dr. Andrey Kovalevsky
Oak Ridge National Lab
Design of small-molecule antivirals to treat COVID-19



Town Halls



“DOE/Budgets 101”



Science Slams



Interagency/International Engagement

BES/SUFD

