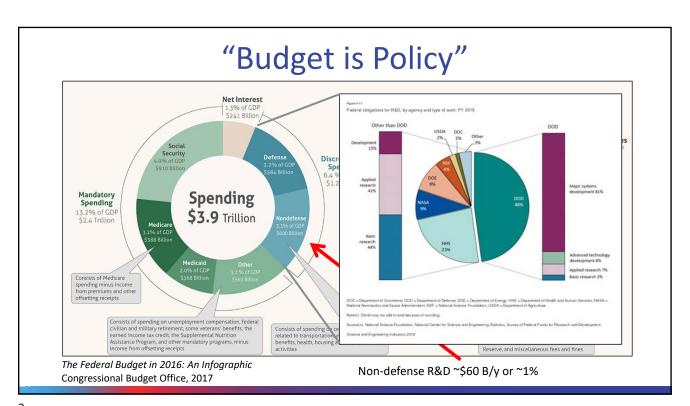


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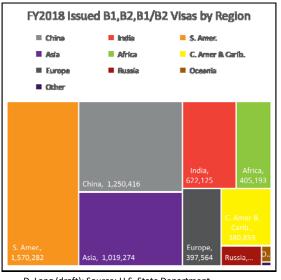


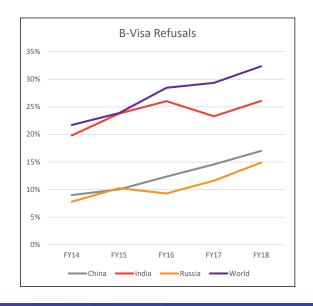
Trade & Export



- (1) Biotechnology
- (2) Artificial intelligence (AI) and machine learning technology
- (3) Position, Navigation, and Timing (PNT) technology
- (4) Microprocessor technology
- (5) Advanced computing technology
- (6) Data analytics technology
- (7) Quantum information and sensing technology
- (8) Logistics technology
- (9) Additive manufacturing (e.g., 3D printing)
- (10) Robotics
- (11) Brain-computer interfaces
- (12) Hypersonics
- (13) Advanced Materials
- (14) Advanced surveillance technologies

Travel to the U.S. (incl. conferences)

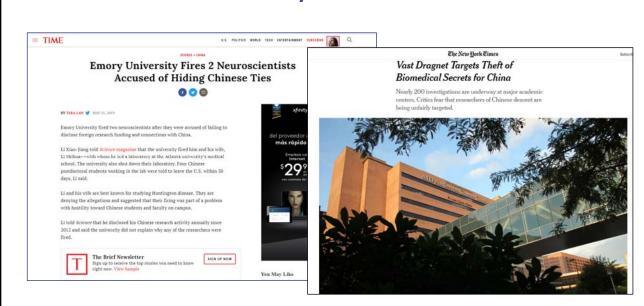




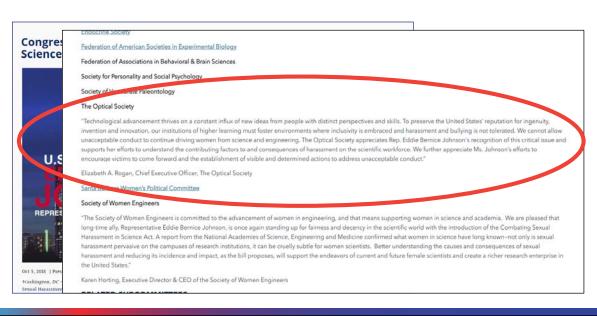
D. Lang (draft); Source: U.S. State Department

5

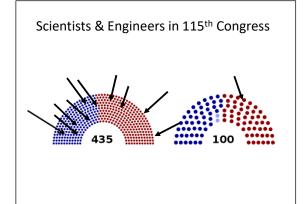
Security & Science

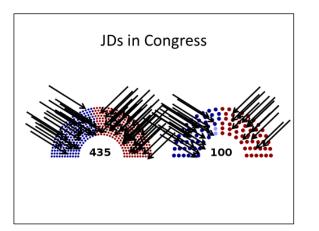






Input Needed.







Terminology Sometimes Used

Advocacy

Lobbying

Public Policy

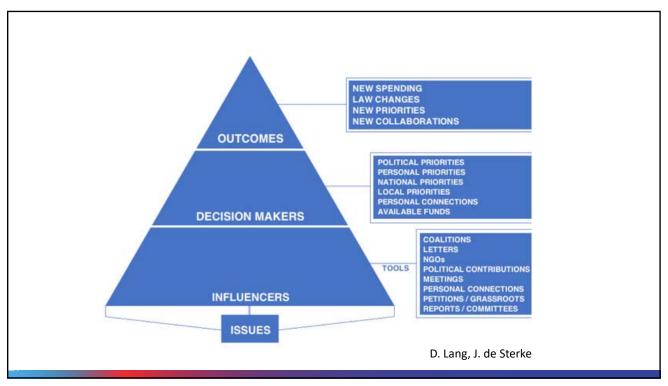
Politics

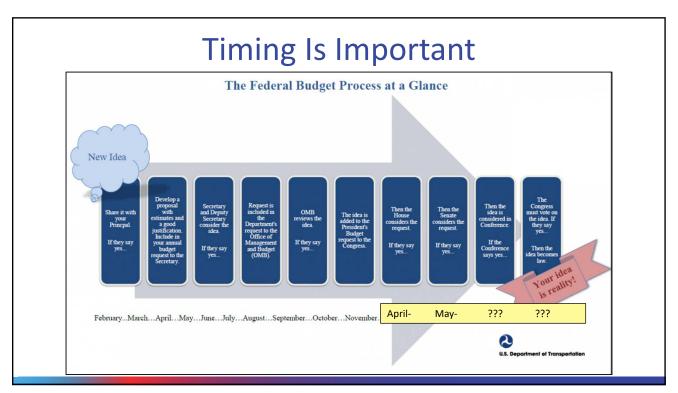
Policy

Communications

Grassroots

Grasstops





What Do Members Care About?

Industrial base

VOTES

& Constituents who reach out

13



Public Policy Council Members



Carlos Lopez-Mariscal 2019-2020 Chair



Matthew Weed Past Chair



Mirvat Abdelhaq



Marco Arrigoni



Gerald Fraser



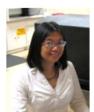
Chris Schaffer



Michelle Stock

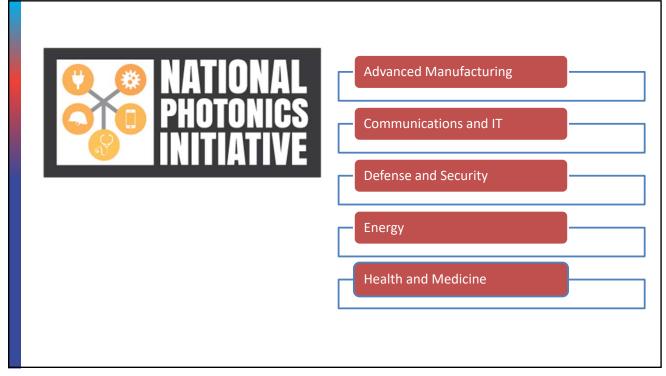


Donna Strickland



Diane Wong

15



Participate in Capitol Hill Visits



OSA Hill Visits
NPI Hill Visits



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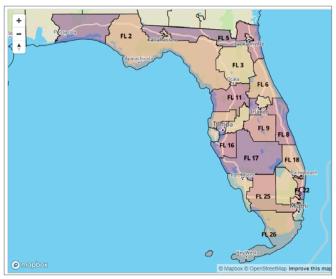
Host a Member of Congress





NPI site has a toolkit to get you started. NPI and OSA can help.

Florida's 27 Districts

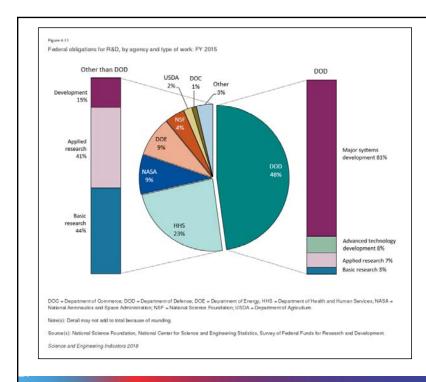


Source: GovTrack.us

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A Few Points

- Build the relationship.
- Clarify what's important to you and why, and explain why they should care.
- Define the "ask."
- Offer to be a resource.



Advocacy on the Administration side is very different.

Requires building up relationships over time.

Focused. Need to identify programs and offices of greatest importance to you.

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Apply (or encourage someone) to be a Congressional Fellow



Christina Willis 2019-2020 OSA/SPIE Arthur Guenther Congressional Fellow



Daniel Broberg 2019-2020 OSA/MRS Congressional Fellow

- PhD scientist or engineer spends one year serving as legislative staff on Capitol Hill
- Applicants must have a PhD by the start of the program (Sept 1)
- OSA cosponsors 2 per year

www.osa.org/congressionalfellowships

Sign Up for the Optics Legislative Network



Stay informed on legislation or agency actions impacting science

Learn how to get involved in science policy advocacy

www.osa.org/oln

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International Advocacy for Optics and Photonics IPAC and GEMM







