

# Materials Science & Engineering and Metallurgical Engineering Graduate Seminar

Wednesday, February 27 2019, 4:10-5:00PM, FASB 295

## Joe Bryan

Senior Fellow, Atlantic Council's Global Energy Center  
Principal, Muswell Orange, LLC

### Climate Change, Clean Energy and National Security - Why US Leadership Matters.

Rapidly falling prices for advanced energy technologies and commitments by countries around the world to reduce CO<sub>2</sub> emissions are causing tectonic shifts in global energy markets. At the same time, the impacts of a changing climate are placing new demands on the United States military while also impacting key capabilities. The discussion will focus on the challenges and opportunities these developments present and why US leadership on climate and advanced energy is critical to maintaining advantages in military capability, innovation, international trade, and diplomacy.



Joe Bryan is a Senior Fellow with the Atlantic Council's Global Energy Center and is Principal at Muswell Orange, LLC, a boutique clean energy consulting firm. Joe previously served as Deputy Assistant Secretary of the Navy for Energy where he was responsible for policies relating to the Department's installation and operational energy programs. Prior to his appointment, Joe led investigations for the Senate Armed Services Committee. He also served on the professional staffs of the Senate's Select Committee on Intelligence and Permanent Subcommittee on Investigations. Joe has consulted on energy policy in Namibia and South Africa and began his career working on electricity restructuring and state-level policies to encourage the growth of clean energy markets.