Title: ARPA-E Fellow Program Information Session
By: Addison Killean Stark, ARPA-E Fellow
Where: 4-145
Date: February 26th
Time: 12:00PM Noon (lunch will be available)

About the Speaker:
Dr. Addison Killean Stark currently serves as an ARPA-E Fellow focusing on advanced thermochemical conversion to fuels and chemicals, energy innovation in agricultural systems, and intensification of energy conversion reactor designs. Dr. Stark completed his Ph.D. in Mechanical Engineering from MIT where he was a member of the Reacting Gas Dynamics Laboratory lead by Professor Ahmed F. Ghoniem. For his Ph.D. thesis, Dr. Stark elucidated the role of transport phenomena on the thermochemical conversion of biomass in fluidized bed reactors (gasification and pyrolysis).

While at MIT, Dr. Stark served as co-president of the MIT Energy Club, content director of the 2010 MIT Energy Conference and as a Teaching Assistant for Sustainable Energy, an interdisciplinary graduate-level survey course of energy technology, systems and policy analysis.

Dr. Stark also holds S.M. degrees in Mechanical Engineering and Technology and Public Policy from MIT. He received a B.S. and a B.A. in Mathematics and Chemistry respectively from the University of Iowa.

The Fellows Position:
ARPA-E is looking for the next generation of scientific leaders to help solve the most pressing and exciting challenges in energy. The Fellows assist the agency in identifying possible breakthrough energy technologies through technical and economic analyses. During their two-year tenure, ARPA-E Fellows are fully immersed in energy technology development, engaging with world-class researchers in academia and industry, entrepreneurs, and government officials. Prior experience in energy and/or commercialization is not necessary.

During their time at ARPA-E, Fellows have the opportunity to:
· Prepare energy technology and economic analyses to help define the strategic direction and vision of the agency.
· Learn energy technology development and commercialization directly from the nation's best energy entrepreneurs and researchers, and gain exposure to a wide variety of energy technologies.

Qualifications:
· Ph.D. in science or engineering. Students who expect to complete their Ph.D. within the next year are encouraged to apply.
· Strong analytical, research, and communication skills.
· Ability to initiate independent projects and work across disciplines.
· Passion to change the world through energy technology research and development.
· U.S. citizenship.

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