

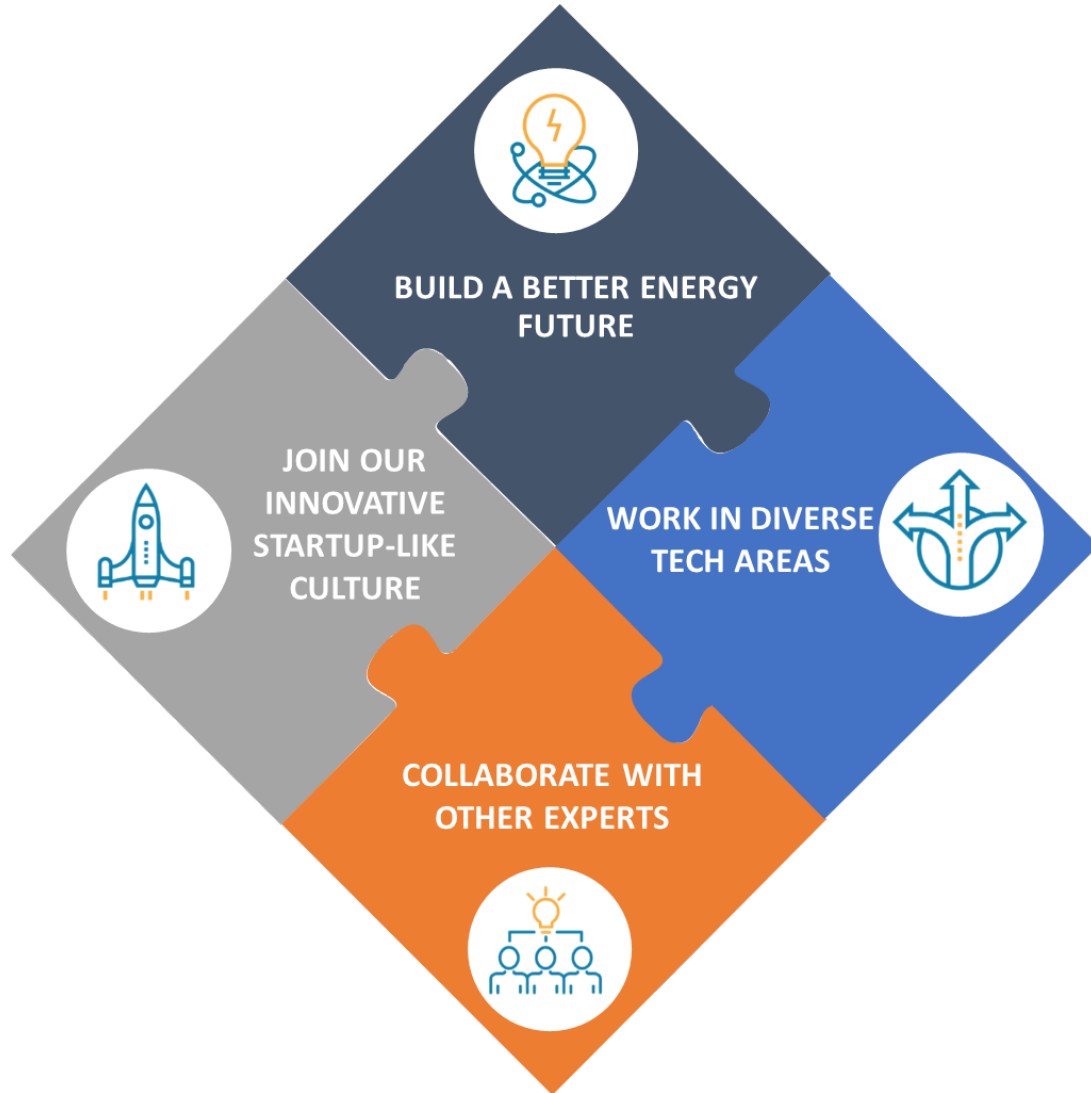


ARPA-E: Join the Team that's Changing What's Possible

Dr. Rachel Slaybaugh
Program Director, ARPA-E
August 14, 2019

www.arpa-e.energy.gov

Why ARPA-E? Dedicated Focus on Impact



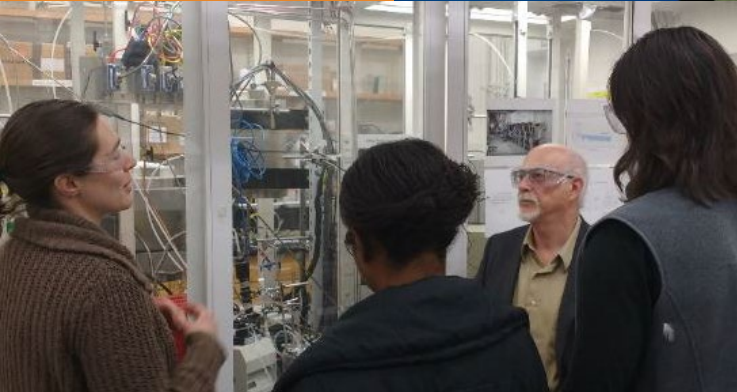
Program Directors develop and actively manage portfolio projects from selection through project completion.

Technology-to-Market Advisors guide projects and teams towards commercial pathways and impacts.

Fellows conduct energy technology development and support the organization.



PROGRAM DIRECTORS DRIVE TECHNICAL INNOVATION



“It’s not just that I get to try to disrupt my own field, it’s that I get to put that into the context of the entire energy ecosystem, and we’re trying to disrupt all of it.”

—Rachel Slaybaugh, ARPA-E Program Director

PROGRAM DEVELOPMENT

THOUGHT LEADERSHIP

HANDS ON MANAGEMENT

COMMUNITY BUILDING



TECHNOLOGY-TO-MARKET ADVISORS LEAD COMMERCIALIZATION



“Every day I get to help prepare teams to move their ground-breaking technical achievements out of the lab and towards real world impact in the energy sector.”

—James Zahler, *Technology-to-Market Advisor*

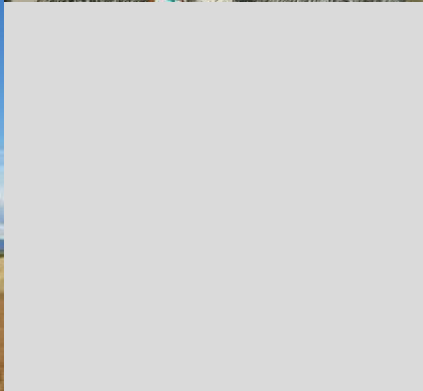
STAKEHOLDER OUTREACH

TECHNO-ECONOMIC ANALYSIS

BUSINESS DEVELOPMENT



FELLOWS ARE EARLY-CAREER INNOVATORS



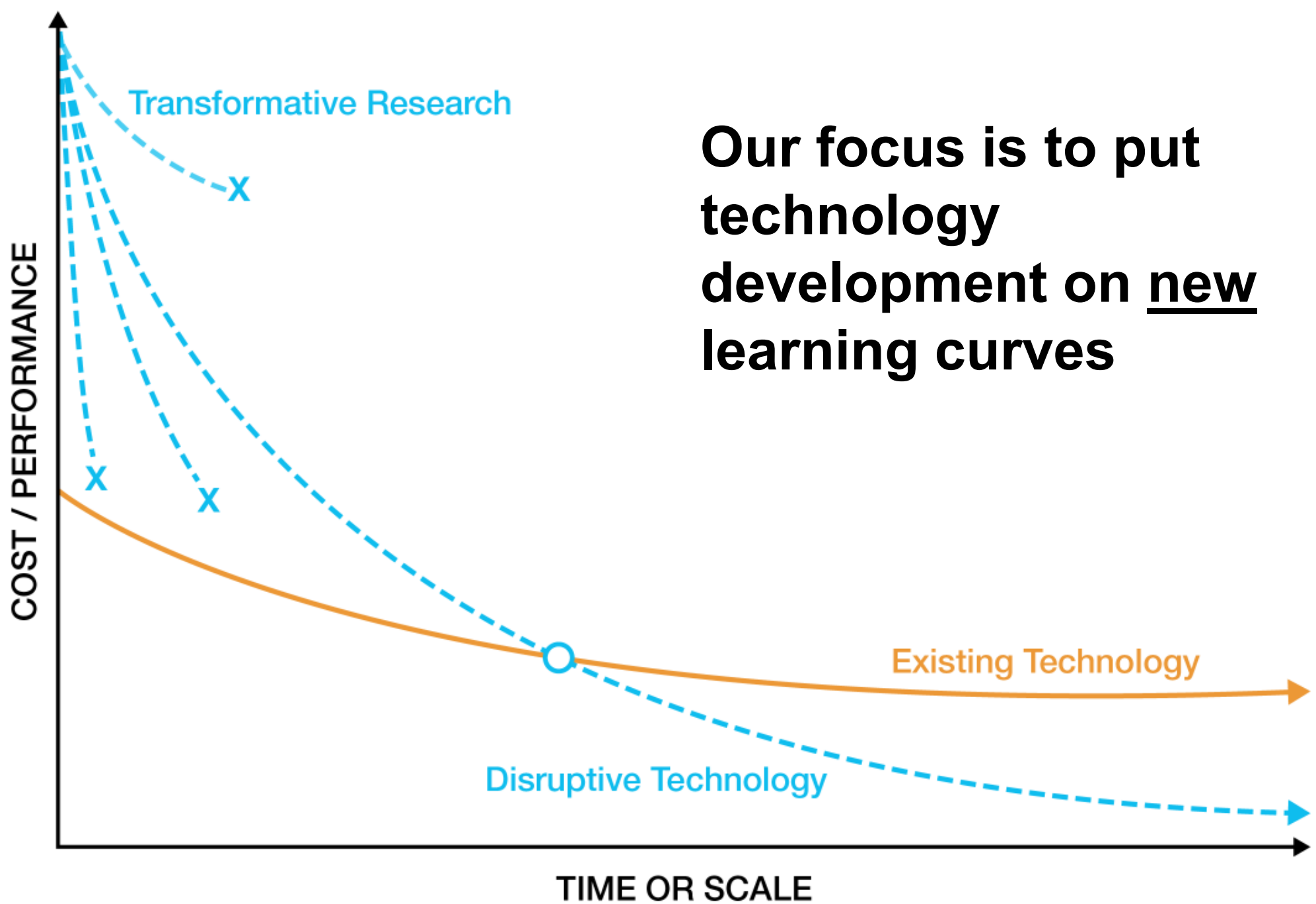
“The only problem with this job is figuring out a next step that can possibly measure up to it.”

- Dr. Ashwin Salvi, Fellow

PROJECT SUPPORT

PROGRAM DEVELOPMENT

BUSINESS DEVELOPMENT



**Our focus is to put
technology
development on new
learning curves**

WHAT MAKES AN IDEAL PROGRAM DIRECTOR

Thought Leadership

- Represents ARPA-E as a thought leader in the program area



Program Development

- Dives into a topic, solicits input from stakeholders in R&D
- Presents and defends program concept in climate of constructive criticism



Active Project Management

- Actively manages portfolio projects from merit reviews through project completion
- Work with expert colleagues and data-driven decision-making to support the full lifecycle of management



Qualifications

- Has broad R&D experience, intellectual integrity and flexibility, commitment to energy, communication skills, leadership and management



ARPA-E is hiring.

To apply or learn more, please contact an ARPA-E Program Director or email

arpa-e-jobs@hq.doe.gov

WHAT MAKES AN IDEAL TECHNOLOGY TO MARKET ADVISOR?

Techno-Economic Analysis

- Performs techno-economic analyses to inform new programs and active projects



Business Development and Technical Marketing

- Advises project teams on market, strategy, business planning, IP, product development, and supply chain
- Targets public and private follow-on funding sources



Stakeholder Outreach

- Represents ARPA-E to a range of stakeholders
- Represents the Agency as a thought leader in the program area



Qualifications

- Has 5+ years experience, advanced degree, strong technical background, superior analytic and communication skills, demonstrated interest/
expertise in energy and energy technologies



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T2M Advisor or email

arpa-e-jobs@hq.doe.gov

WHAT MAKES AN IDEAL FELLOW?

Program Director Support

- Helps develop future programs through technical analysis, discussions, debate and workshops
- Supports programs through technical and economic analyses and on-site project visits



Independent Energy Technology Development

- Collaborates with experts in a variety of fields
- Publishes original research papers and reviews



Organizational Support

- Contributes to the strategic direction and vision of the agency
- Reviews proposals and funding opportunities



Qualifications

- Has Ph.D. in science or engineering, strong analytical, research and communication skills, drive to change the world through energy technology, U.S. citizenship.



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Work on a Mission that Matters

Enhance Technological Lead in Advanced Energy Technologies



Develop Clean, Efficient, Reliable Energy Systems

Ensure U.S. Energy and Economic Security