





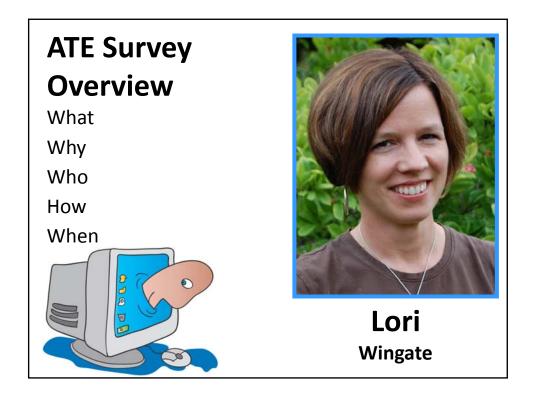
Objectives



Krystin

By the end of the webinar, you will

- 1. Understand how and why the ATE annual survey is conducted.
- 2. Have a clear understanding of the survey questions and how to answer them.
- 3. Know how the data you provide for the survey can be used for other purposes.



ATE Survey Overview: What



What



Lor

- Web-based survey of ATE PIs
- Conducted annually since 2000
- Originally part of ATE program evaluation, now serves a monitoring function

ATE Survey ≠ Evaluation



What



Lori

Sections

- 1. Grant Characteristics and Practices
- 2. Materials Development
- 3. Professional Development
- 4. Program Improvement
- 5. Special Topics



What



Lori

2014 Special Topics questions:

- ATE-funded work at the secondary school level
- Evaluation to assess ATE impacts at the secondary level



ATE Survey Overview: Why





Lori

Provides NSF personnel with

- Data they can use to justify the program to Congress
- A unique perspective on the program, not available through other means
- A means for investigating issues of interest related to the ATE program



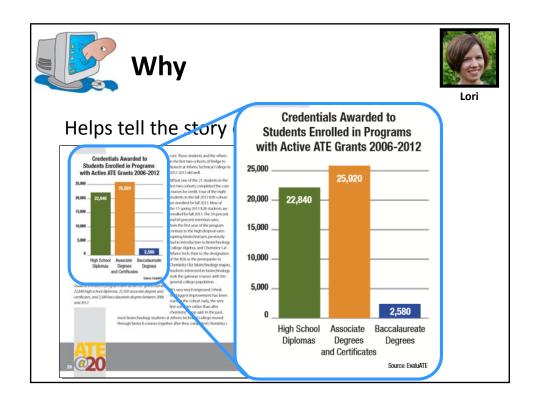


Lori

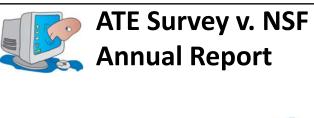
Provides ATE project/center personnel with

- Information about how their efforts are situated within the broader program
- Data that can be used for evaluation and benchmarking











Lori



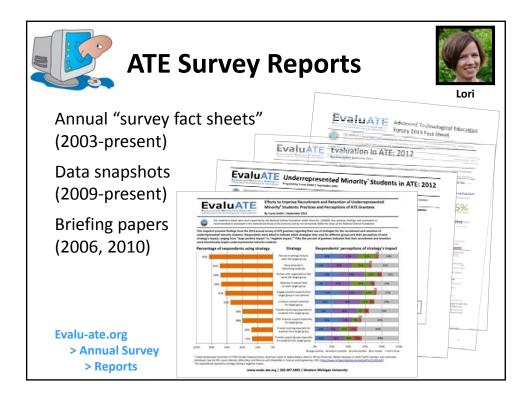


- Database of quantitative and qualitative data
- Program-level reports

Annual Report

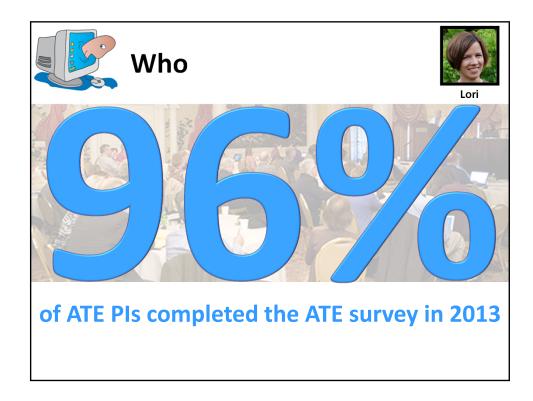
- For all NSF grantees
- Narrative PDF reports
- Individual project-level reports

Corey will discuss the overlap of information needs later in the webinar.



ATE Survey Overview:
Who







Who



Lori

For concurrent awards:

- If second grant is a continuation of the first, complete the survey once, addressing both grants
- If they are distinct projects, complete separate surveys for each award



Who



Lori

- 1. Grant Characteristics and Practices
- 2. Materials Development
- 3. Professional Development
- 4. Program Improvement
- **5. Special Topics**

Completed by everyone



Who



Lori

- 1. Grant Characteristics and Practices
- 2. Materials Development
- 3. Professional Development
- 4. Program Improvement
- 5. Special Topics

Completed by grantees that spent at least 30% of your budget or at least \$100,000 on these activities

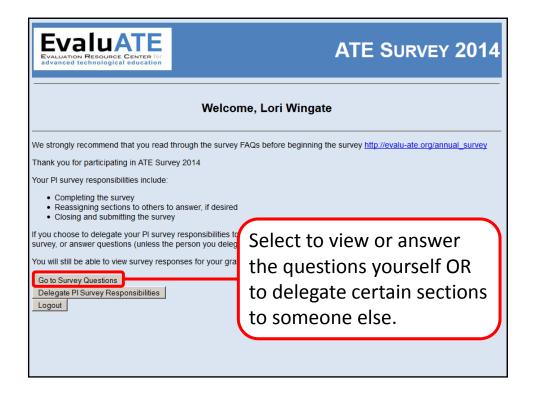
(New grantees may skip these sections)

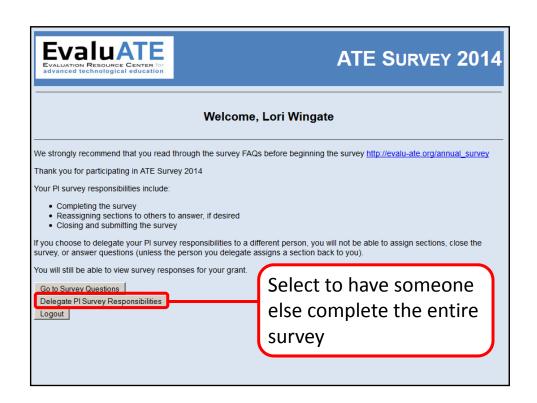
ATE Survey Overview:

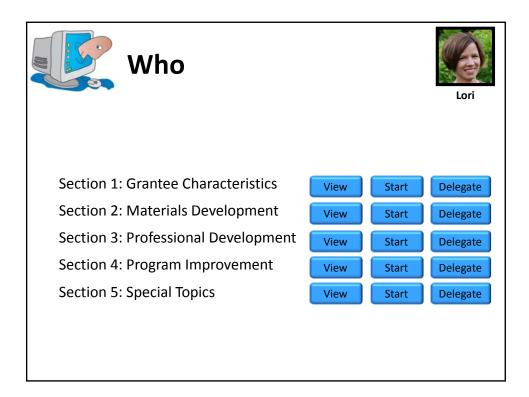
How



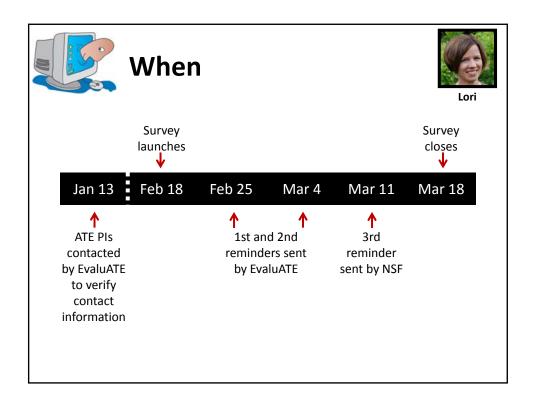


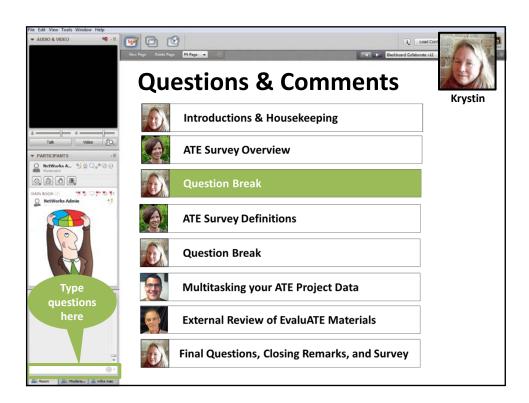






ATE Survey Overview: When







Lori Wingate

Survey Definitions

Collaboration
Materials
Professional Development
Students and Programs



ATE Survey Definitions:

Collaboration



Collaboration



1/22/2014

Lori

Collaboration is a relationship with another institution, business, or group that provides money or other support to your project or center. Collaborators are not funded

by the grant.



Collaboration



Lori

For each type of collaborating organization listed below, report the number of different organizations you collaborated with in 2013.

	_Business/industry
	Within your host institution
-	Other education institutions
	Public agencies
	Other ATE projects/centers
	Other (specify):



Collaboration



Lori

Examples



Someone serving on an advisory board whose time is compensated by his/her employer



One-time provision of advice



Donation of time to give presentation/workshop



Paid consulting services



Donation of space or materials



Use of space or materials regularly available to grant staff



Calculating value of collaboration



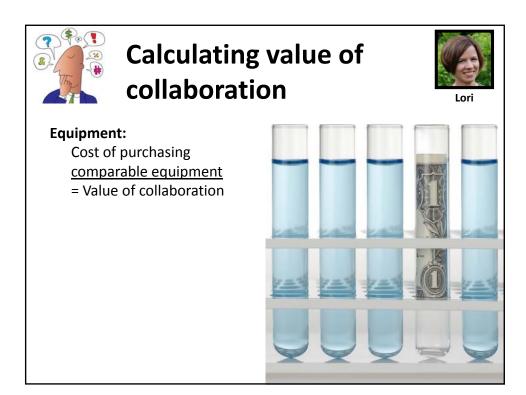
Lor

A person's time:

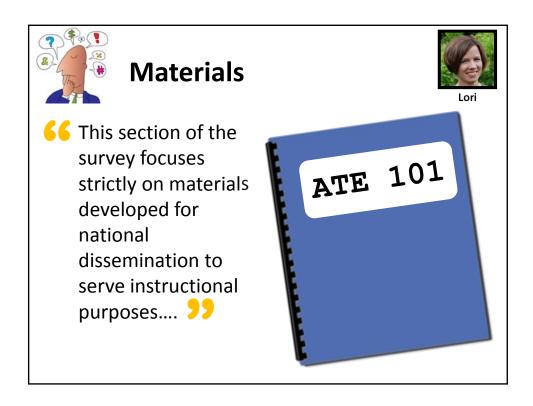
Estimated daily rate

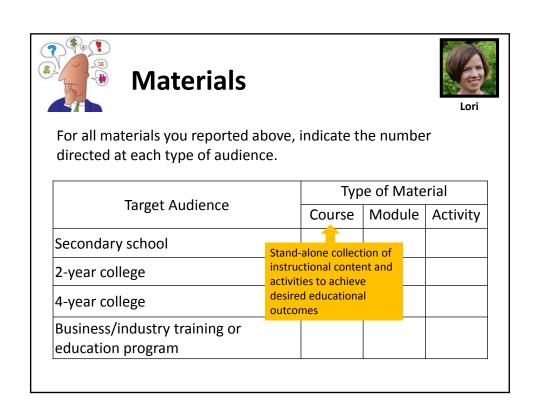
- X Number of days contributed
 - = Value of collaboration





ATE Survey Definitions: Materials







Materials



Lori

For all materials you reported above, indicate the number directed at each type of audience.

Taurat Audiana	Type of Material				
Target Audience	Course		Module	Activity	
Secondary school		Self-contained collection			
2-year college		of content and activities designed to achieve a set			
4-year college		of specific objectives			
Business/industry training or education program					



Materials



Lori

For all materials you reported above, indicate the number directed at each type of audience.

Tarrat Andiana	Type of Material			
Target Audience	Course	Module	Activity	
Secondary school		An instructional exercise designed to achieve a discrete learning outcome		
2-year college				
4-year college			easure	
Business/industry training or education program		toward that o		



Materials



Lori

Examples



Course curriculum



Newsletters



Lab manuals



Brochures



Multimedia resources



Advertisements



Problem-based scenarios



Posters



Simulation applications



Conference giveaways

ATE Survey Definitions:

Professional Development



Professional Development



Lori

professional development provided to secondary school teachers, college faculty, and preservice teachers to enhance their disciplinary capabilities, teaching skills, vitality, and understanding of current technologies and practices in areas that directly impact technician

education >>





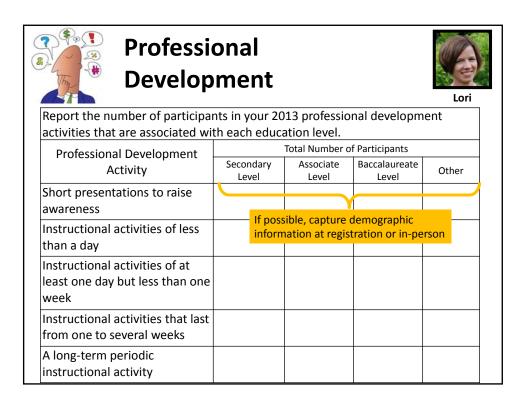
Professional Development

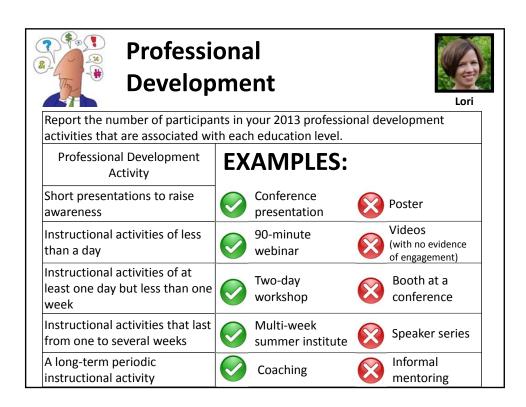


Lori

training and support educators to improve their teaching







Students and Programs







Students and Programs



Lori

	Education Level of Participating Students				
	Secondary	Associate	Baccalaureate	Post Baccalaureate	Contract Training
Total number of					
locations where the ATE-					
supported programs					
were offered					
Total number of					
individual students who					
took at least 1 course in					
1 of your ATE-supported					
programs (if a student					
took more than 1 course,					
count that person only					
once)					



Students and Programs



Lor



Students to count: Anyone who enrolled in a course offered through a program that was the focus of an ATE-funded program improvement effort



Example

Wind Energy Technology Certificate

CIS 110 PC Operating Systems
DRFT 105 Blueprint Reading

DRFT 110 Analytical Apps Tech Careers I
DRFT 112 Analytical Apps Tech Career II

ELT 102 Applied Electricity
ELT 120 Electrical Machines

ELT 122 Wind Turbine Ops/Maint/Repair

ELT 126 Power Generation & Dist ELT 222 Programmable Control

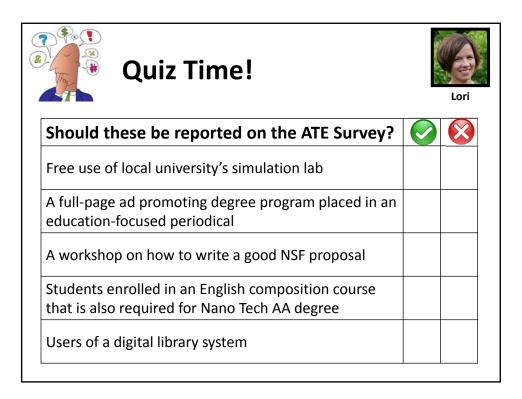
ELT 228 Adv Program Control & Data Acq HVAC 104 Intro to Renewable Energy

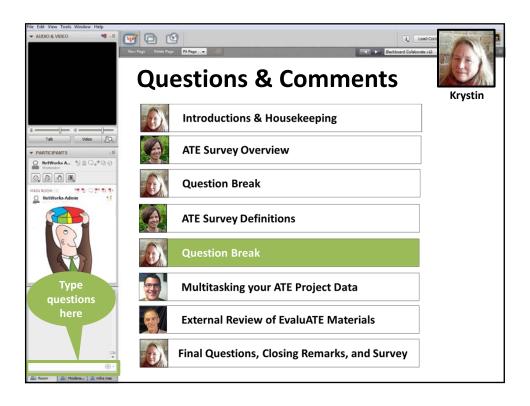
MSM 110 Safety for Alt Energy Tech

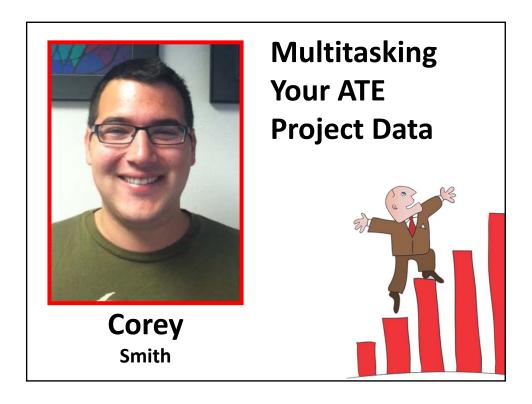
MSM 120 Basic Fluid Power

MSM 250 Wind Turbine Mechanical System

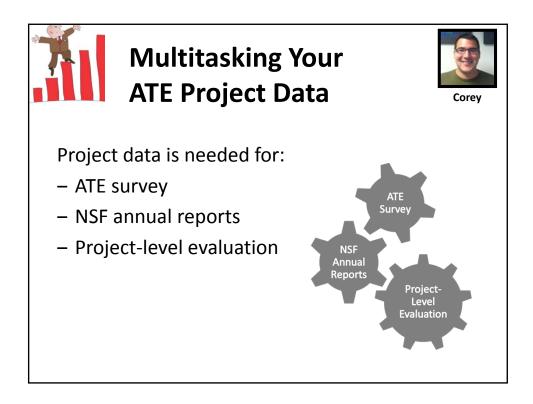


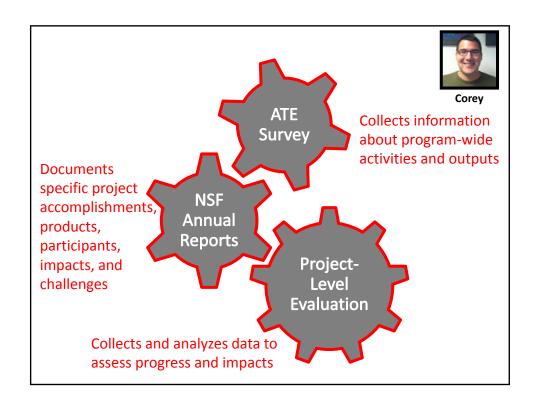




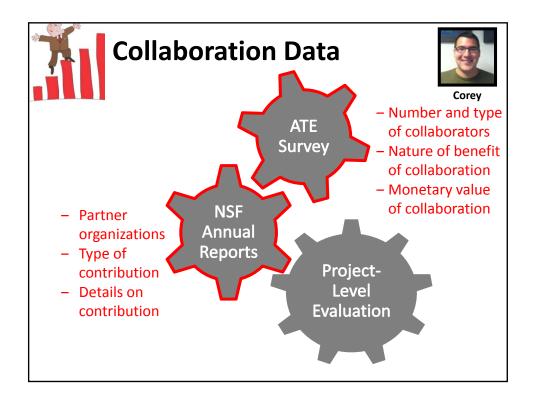


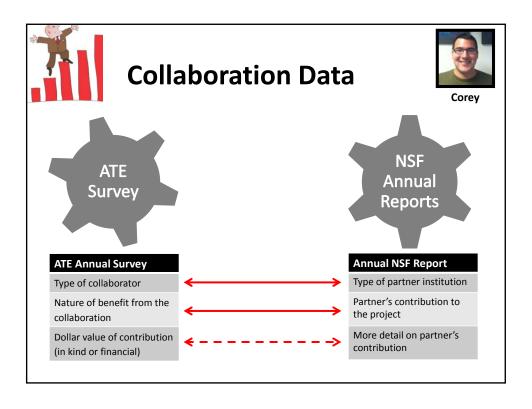






Example 1: Collaboration





Example 2: Student Gender Data



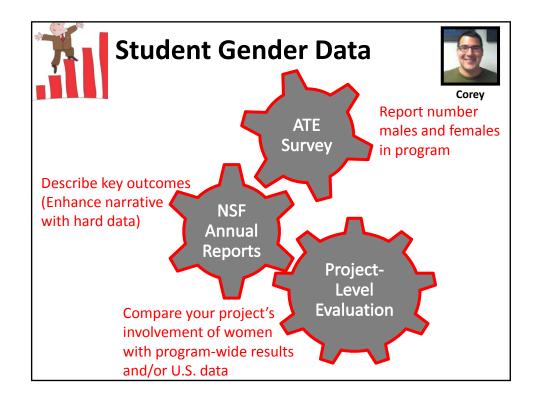
Student Gender Data



Corey

NSF values the advancement of scientific knowledge and activities that contribute to achievement of societally relevant outcomes. Such outcomes include, but are not limited to: full participation of women, persons with disabilities, and underrepresented minorities in STEM.

—ATE Program Solicitation



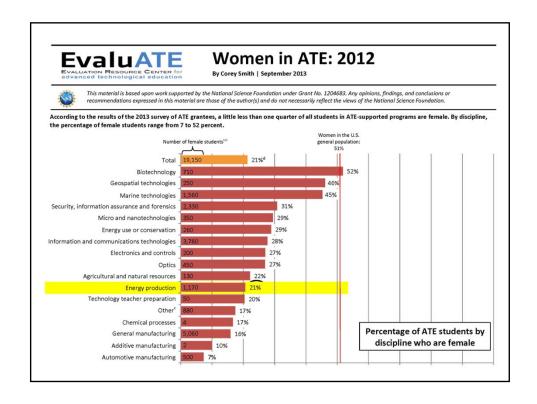


Student Gender Data

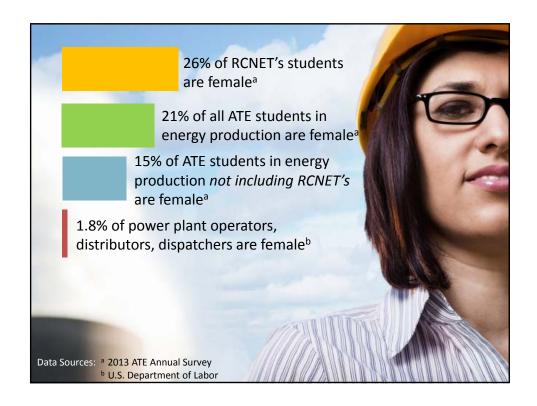


Corey

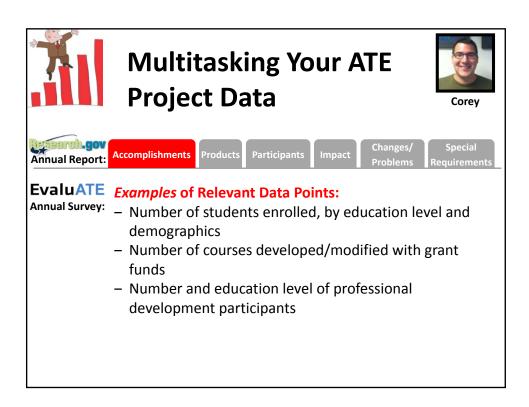
	Education Level of Participating Students				
	Secondary	Associate	Baccalaureate	Post Baccalaureate	Contract Training
Female					
Male					

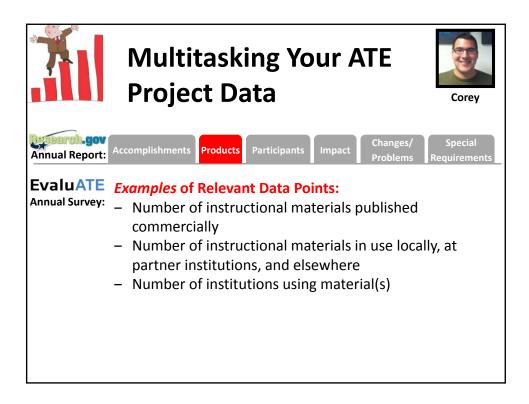


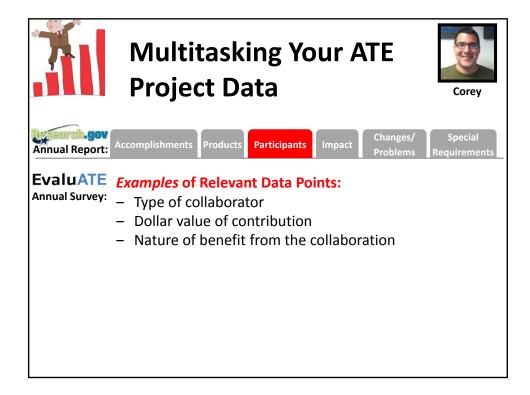




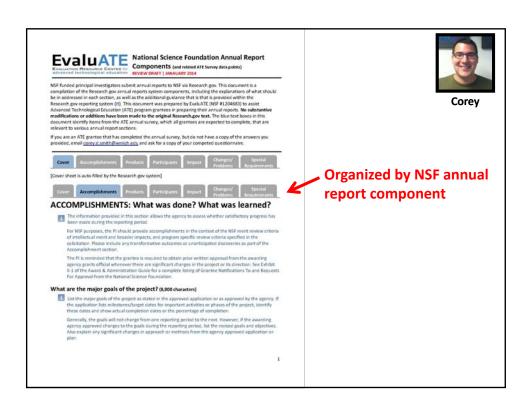
More ways to multitask your data

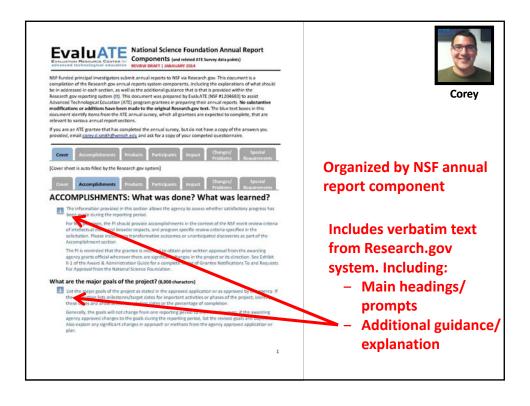


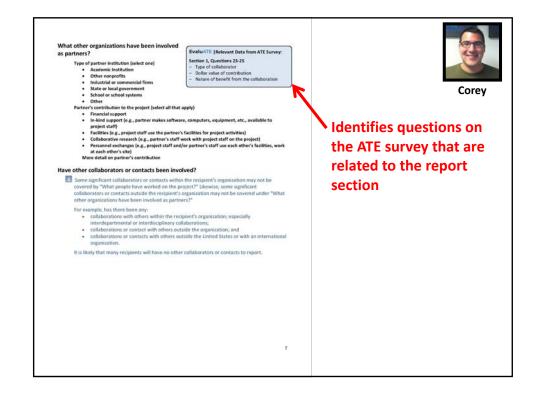


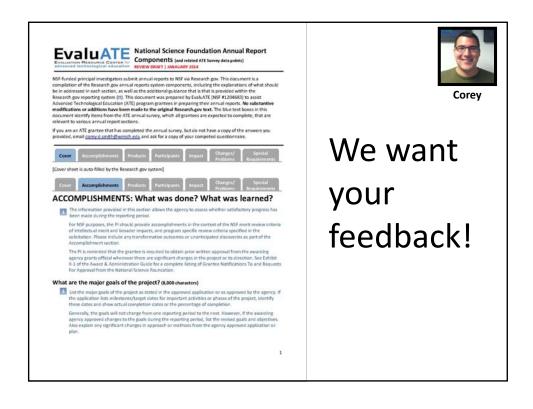


A New EvaluATE Resource is here to Help





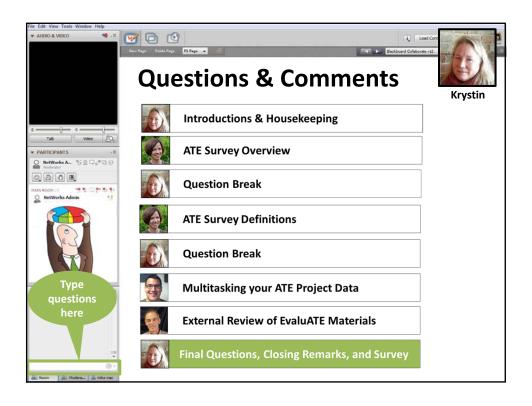






Mike Lesiecki

External Review of EvaluATE Materials





An invitation from a partner ATE project....



Krysti

Formative Assessment for ATE (FAS4ATE)

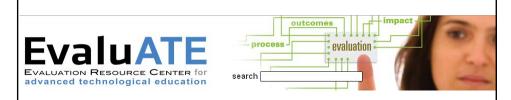
project is seeking an ATE PI-Evaluator team to test a logic model development process

Candidate qualities:

- Projects in the first year of funding
- Eager to collaborate to develop a project logic model and link it to evaluation
- Comfortable with showcasing this work in a webinar

To learn more, contact

Amy Gullickson: amy.gullickson@unimelb.edu.au



www.evalu-ate.org

Resource Library

Evaluator Directory

Events (including past webinars)

Newsletters

