

Meet the EvaluATE Team



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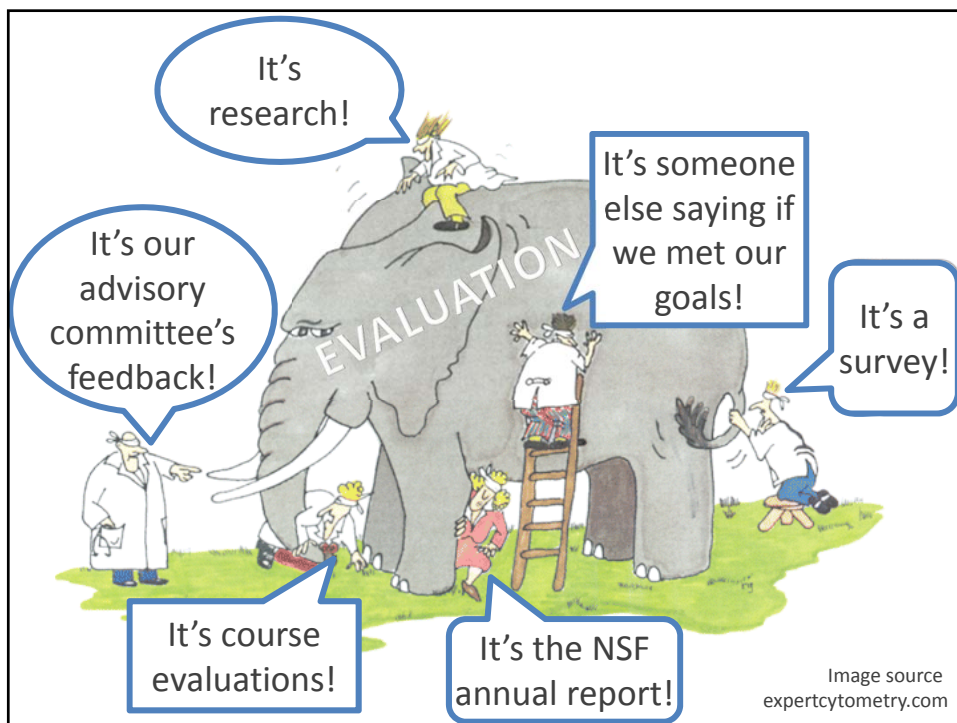
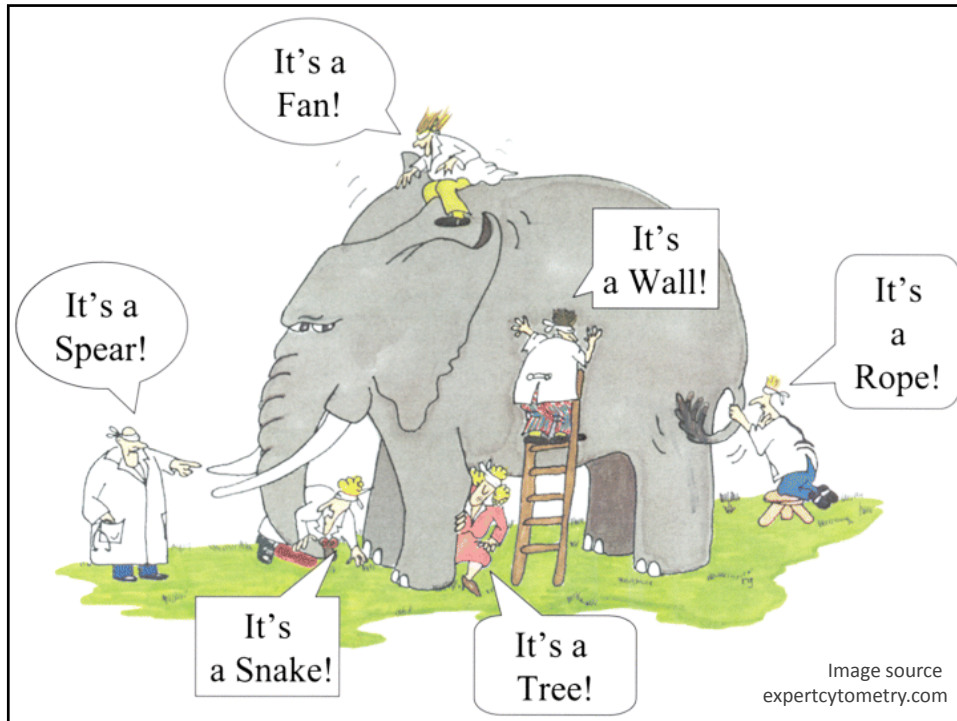


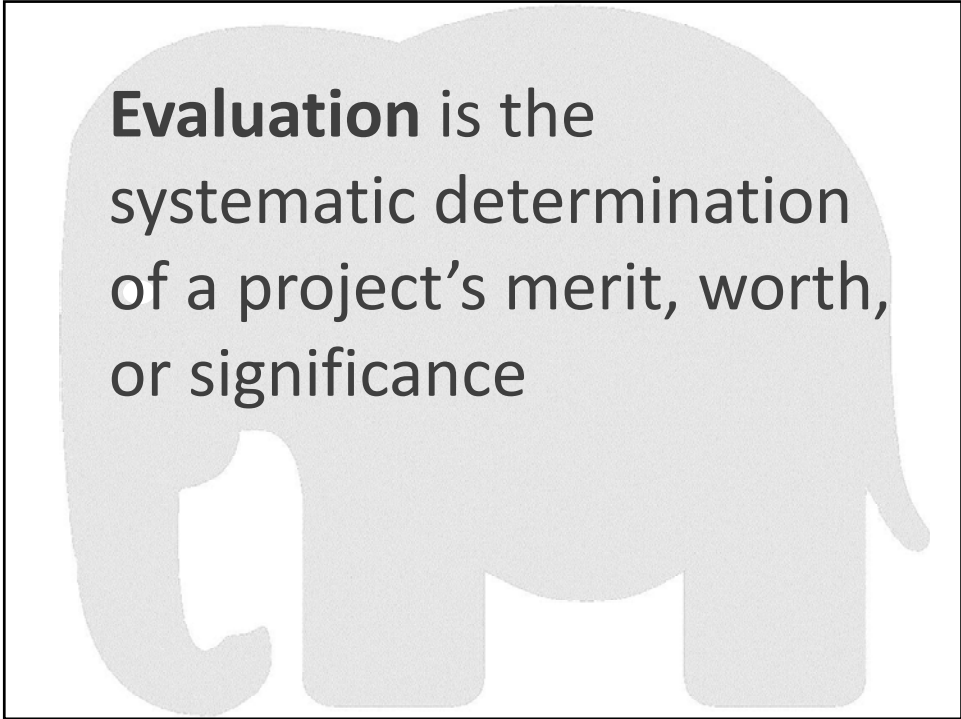
Patti
Negrevski

Session Objectives

1. Understand the role evaluation should play in your ATE project
2. Know where to report information from your evaluation
3. Know where to turn for more information about ATE evaluation







Evaluation is the systematic determination of a project's merit, worth, or significance



Evaluation Involves...

1. Asking important questions about a project's progress, quality, outcomes, and impact
2. Gathering a variety of data to answer those questions
3. Making sense of those data through analysis and interpretation
4. Reporting and using the evaluation results to improve and plan future work

Evaluation Purposes

Improvement

What are the project's strengths and weaknesses and how can it be improved?

Evidence

What are the outcomes and impact of the project?

Accountability

What was done, who was served, what are the outputs?

Evaluation Purposes

Improvement

Evidence

Accountability

“The most important purpose of evaluation is not to prove, but to improve.”

— Daniel Stufflebeam

Where You'll Need Information from Your Evaluation

Feedback to project staff and partners

Annual report to NSF

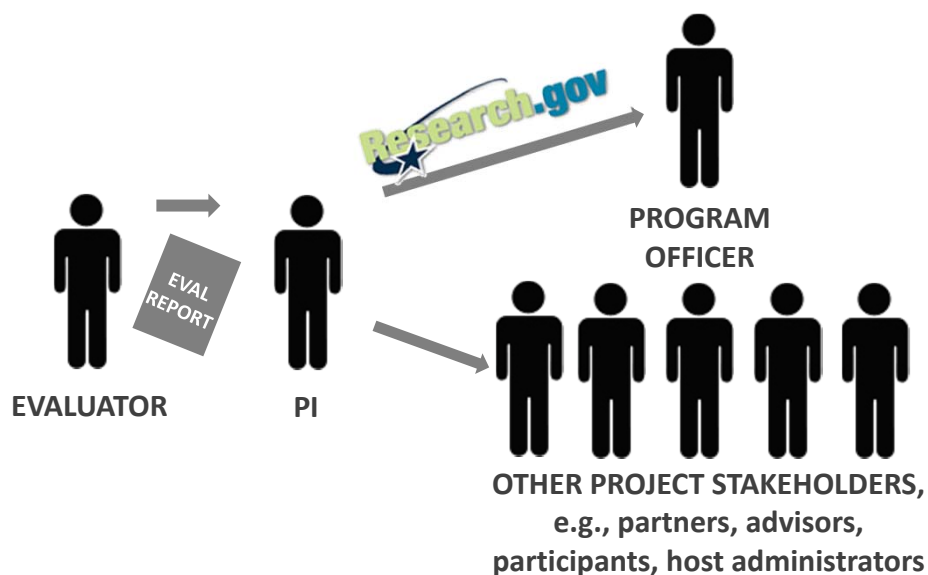
Annual ATE survey

New proposals

ATE Centers Impact book (centers only)



Reporting



Annual Reports to NSF


Cover Accomplishments Products Participants Impact Changes/ Problems Special Requirements



- Goals
- Activities, Objectives, Results, and/or Outcomes
- **Upload your evaluation report here**

Annual Survey

- Conducted mid-February through mid-March
- Questions based on calendar year
- Response rate always exceeds 90 percent
- Preview survey questions at www.evaluate.org



Proposals: Results of Prior Support

“specific outcomes and results including metrics to demonstrate the impact of the project”

**your
evaluation
results!**

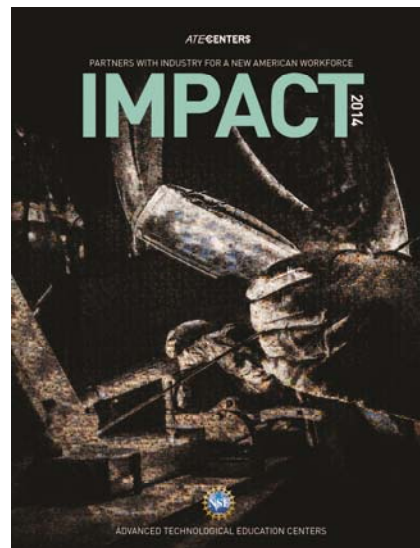
—ATE Program Solicitation



ATE **Centers** Impact Book & Website

Student impact data
Workforce impact data

www.atecenters.org



Is this your first time working on an ATE grant?



Will this be your first experience with project evaluation?




Have you had a meeting with your evaluator yet?



Getting Started

1. Make sure your evaluator's contract is in place
2. Set up a meeting with your evaluator
3. Find out who your college's "data person" is and make an appointment with him or her
4. Set up a timeline for your evaluation—work backwards from your annual report's due date

Using EvaluATE




Let's start with your folder!

EvaluATE

Evaluation Resource Center for advanced technological education
evalu-ate.org

PI "To-Do" Checklist by MentorConnect



Evaluation 101
 Principal Investigator "To-Do" Checklist: Before Launching Your Project Evaluation

What to Do	To/With Whom
Announce or discuss NSF grant award.	Evaluator, partners and advisors/advisory groups Colleagues at your institution <ul style="list-style-type: none"> • SAC/grant writer & Data person • Fellow faculty • PI/Marketing Dept. • Business & Purchasing Offices The public- with attribution to NSF!
Process contracts.	Evaluator Partners (include providing data as contract obligation)
Discuss evaluation expectations, processes, activities, and timeline (note IRB considerations). Review goals/objectives and identify data capture needed (and by whom) for the evaluation. Determine data definitions, time frames for data capture (e.g., by semester), reporting frequency/dates for project. Don't forget to include current status or recent history for baseline data. Review data management plan.	Evaluator Data Person
Communicate data needs/timeline/reporting dates to partners from whom you will need data. Review set goals for success if not specific in proposal (actual numbers, not just %) with interim benchmarks for gauging progress.	Co-PIs, partner institutions/organizations Evaluator, Co-PIs, partners
Plan evaluation activities and discuss evaluation tools to be used. Use uniform tools (e.g., surveys) across partnerships and include the capture of demographic data and other information that will be needed for the ATE Annual Survey (if not specifically for your project).	Evaluator, Co-PIs
Discuss evaluation reports to be provided and reporting dates (align deadlines to your reporting needs: NSF annual report, advisory meeting, etc.).	Evaluator

MentorConnect: Leadership Development and Outreach Initiative for ATE
 Copyright 2013, ATE Center of Excellence, Howard Dwyer Technical College, Phoenix, AZ 05503-0008. This material is based upon work supported by the National Science Foundation Grant No. 1204643. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.

ATE Survey Fact Sheet

EvaluATE Advanced Technological Education Survey 2014 Fact Sheet

This material is based upon work supported by the National Science Foundation under Grant No. 1204663. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.

Corey Smith, Lori Wingate, & Arlen Gulickson June 2014

Highlights

- In 2013, National Science Foundation-funded Advanced Technological Education projects and centers
- educated approximately 109,550 students—52 percent of whom were at two-year colleges and 41 percent at secondary schools.¹
 - offered programs at about 2,380 educational institutions across the country.
 - developed 2,580 curriculum materials, 18 percent of which were full courses and 3 percent were published commercially.
 - offered more than 3,270 professional development opportunities, which served more than 80,000 educators—roughly 45 percent of whom were two-year college faculty and 43 percent secondary school teachers.
 - had approximately 1,460 articulation agreements in place, and developed 200 agreements in 2013; these agreements helped about 2,530 students matriculate between high school and two-year institutions and 2,700 students between two-year and four-year institutions.
 - served a student population that was 51 percent minority and 26 percent female.
 - collaborated with more than 10,240 groups that provided more than \$12 million in monetary contributions and \$13 million in-kind support.

This fact sheet summarizes data gathered in the 2014 survey of National Science Foundation (NSF) Advanced Technological Education (ATE) grant recipients. Conducted by EvaluATE, the evaluation resource center for the ATE program located at The Evaluation Center at Western Michigan University, this was the fifteenth annual survey of ATE projects and centers. Included here are findings about the program's grantees and their activities, accomplishments, and impacts during the 2013 calendar year.

The 2014 survey was a census of active ATE principal investigators (PIs) (n=240). Survey responses were received from 221 grantees (92%), including 177 projects, 38 centers, and 6 targeted research projects. Most survey recipients completed the sections on Grantee Characteristics and Practices (91%) and Special Topics (82%). About half of the survey recipients completed the sections on Materials Development (46%), Professional Development (53%), and Program Improvement (45%). Whether grantees completed those sections depended on the nature of their grant work—that is, those who allocated at least \$100,000 or 30 percent of their budgets in 2013 to the activities in question were expected to complete the relevant sections. PIs who spent less had the option to complete each section.

¹ Reported numbers of participants, products, and activities throughout this report are rounded to the nearest ten. The 'N' indicated in table and figure titles represents the number of respondents for a given item.

Webinars

Have you participated in an EvaluATE webinar?



Webinars



ATE Evaluation 101
September 2013



**Nuts and Bolts of ATE
Evaluation Reporting**
May 2013

www.evaluate.org/webinars

The screenshot shows the EvaluateATE website homepage. At the top left is the logo "EvaluateATE Evaluation Resource Center for advanced technological education". To the right are social media icons for Facebook, Pinterest, Twitter, and LinkedIn, along with a search bar. Below the logo is a navigation menu with links for HOME, ABOUT, LIBRARY, NEWSLETTER, BLOG, WEBINARS, and CONTACT. The main content area features a large graphic with social media icons and the text: "Visit our social media to stay up-to-date on NSF and ATE evaluation-related events and issues." To the right of this graphic is a text box describing EvaluateATE as the evaluation resource center for the National Science Foundation's Advanced Technological Education program. Below this are four columns: "Blog" with a link to "Welcome to the EvaluateATE blog!"; "Highlights" with links to "ATE 2014 Survey Fact Sheet", "Evaluation Planning Checklist for NSF-ATE Proposals", and "ATE Survey Questions"; "Recent Library Additions" with links to "Logic Model Template for ATE Projects & Centers", "Identifying stakeholders and their roles in an evaluation", and "ATE Evaluation Survey 2005 at a glance: Centers"; and "Join Our Mailing List" with an email input field and a "Go" button. At the bottom, there is a footer with a second navigation menu, a disclaimer about NSF support, the logo for "THE EC EVALUATION CENTER W", and contact information: "EvaluateATE • 1903 West Michigan Avenue, MS 5237, Kalamazoo, MI 49008 • (269) 387-5920" and "Copyright © EvaluateATE 2014".

Website Highlights

HOME ABOUT LIBRARY NEWSLETTER BLOG WEBINARS CONTACT

Resume
Partners

www.evalu-ate.org

Website Highlights

HOME ABOUT LIBRARY NEWSLETTER BLOG WEBINARS CONTACT

Organized by topic
Searchable by keyword
and author

www.evalu-ate.org

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Diverse voices
Written especially for PIs

www.evalu-ate.org

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BRAND NEW!
by ATE community
members

www.evalu-ate.org

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Recordings
Slides
Handouts

www.evalu-ate.org

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We'd love to hear from you!

www.evalu-ate.org

More on Evaluation at the Conference

- THURSDAY** 7:45 a.m. Breakfast Roundtable 7:
How to Track, Evaluate, and Promulgate
Center Online Educational Resources
- 10:30 a.m. ATE Research and Evaluation:
Responsibilities and Opportunities
- FRIDAY** 7:45 a.m. Breakfast Roundtable 16:
Research and Evaluation by ATE Projects
and Centers

2014 **ATE**
PRINCIPAL
INVESTIGATORS
CONFERENCE

NAVIGATING the FUTURE of ADVANCED
TECHNOLOGICAL EDUCATION:

Developing Leaders, Broadening Impact

WASHINGTON, DC



More on Evaluation at the Conference

Visit the EvaluATE team
at Booth #3 during
showcase sessions

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