SEPTEMBER 17, 2024

STRATEGIC COMMUNICATIONS TO BUILD SUPPORT

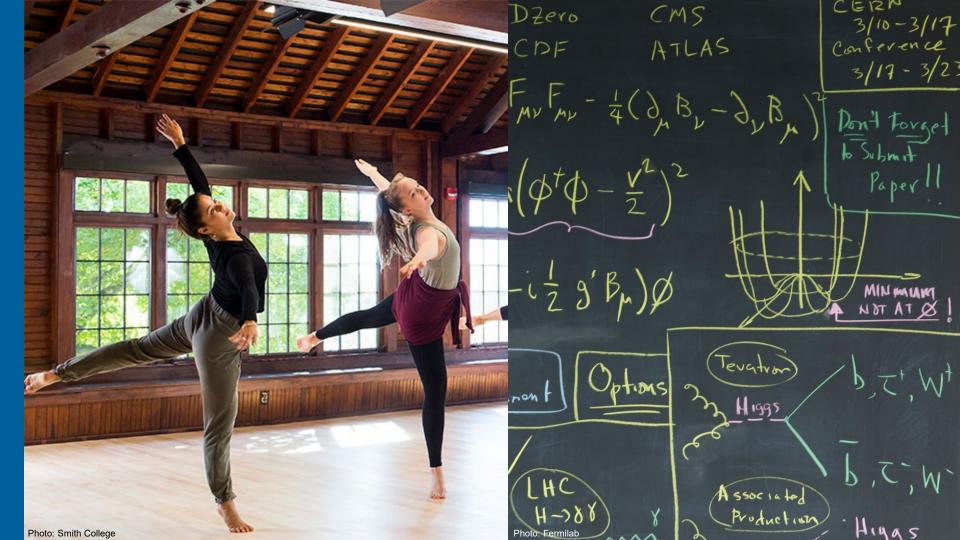


KATIE YURKEWICZ

Chief Communications Officer Senior Director for Communications and Public Affairs Argonne National Laboratory



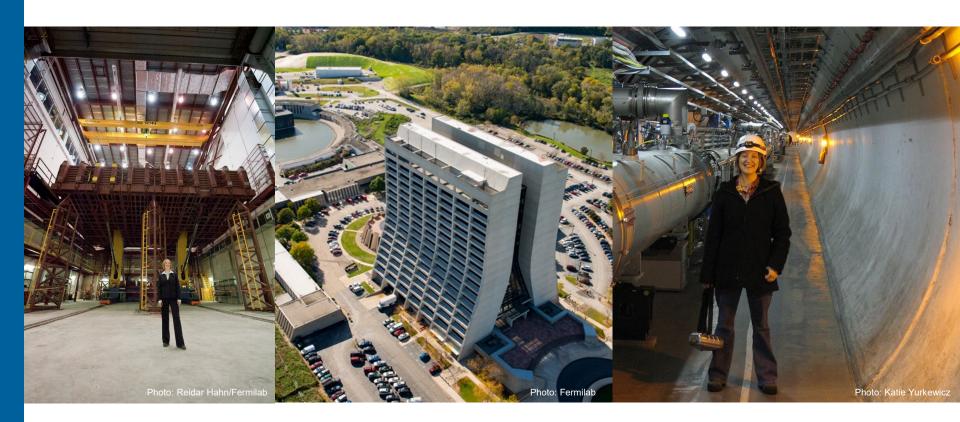


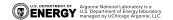














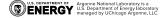


STEPS TO STRATEGIC COMMUNICATION

Identify your goal

Know your audience

Connect and engage





IDENTIFY YOUR GOAL

What do you want to accomplish?

- Education
- Appreciation
- Action
- Behavior change



Goal

Audience

Connect





KNOW YOUR AUDIENCE

Who do you want or need to reach?

- Sectors, professions?
- Positions?
- Geographic areas?
- Demographics?

What are their characteristics?

- Background in science (if any)?
- What do they want/need from you?
- What may they bring to the interaction?
- Do you have anything in common?
- How much of their dedicated attention will you have?

Goal

Audience

Connect





CHOOSE YOUR VEHICLES

ARGONNE **TANDEM**

suited to study the properties of

the nucleus, the core of matter,

By the numbers The Argonne Tandem Linac Accelerator System (ATLAS) is the world's first superconducting linear accelerator for heavy ions. This is the energy domain best

and the fuel of stars.

heavy ion beams provided by ATLAS









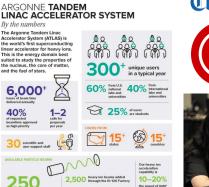


Photo: Argonne

Argonne Argonne Tandem Linac











It's that time of year again - time to start developing our strategic communications plan for FY25. As you start working with your teams to develop plans, please keep in mind:

. What vehicles are best positioned to reach your audiences to accomplish your goal? . How will you make sure your content is at the right level for your audience? . How will you connect with your audience and keep them engaged throughout?

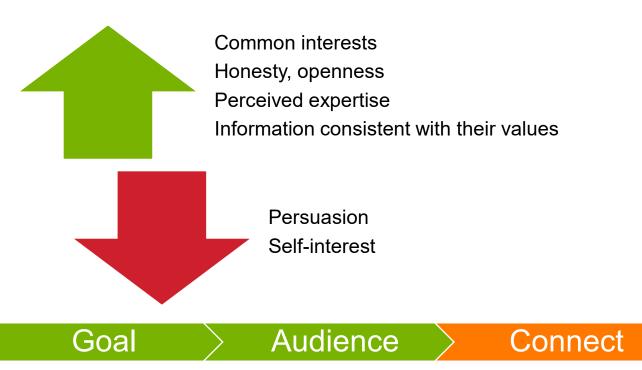
 What are your goals? Who are your audiences?

 How will you follow up? look forward to seeing your draft plans at our upcoming retreat.

Katie Yurkewicz, PhD Chief Communications Officer
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CONNECT AND ENGAGE

Build trust and connection from the start







A GOOD FOUNDATION FOR TRUST

(But falling since the pandemic)

- More than 80% of U.S. adults agree that science provides more opportunities for the next generation
- 78% of U.S. adults agree that the government investments in scientific research are usually worthwhile
- 73% have at least a fair amount of confidence in scientists to act in the best interest of the public
- 52% say it is very important to be a world leader in scientific achievements (37% say it is somewhat important)

National Science Board, National Science Foundation, February 2024, "Science and Technology: Public Perceptions, Awareness, and Information Sources"

Pew Research Center, November 2023, "Americans' Trust in Scientists, Positive Views of Science Continue to Decline"





LESS JARGON, MORE ENGAGEMENT

"The technical terminology or characteristic idiom of a special activity or group"

 Any word or phrase that loses or changes meaning when you use it with people who aren't in your field.

Goal

Audience

Connect







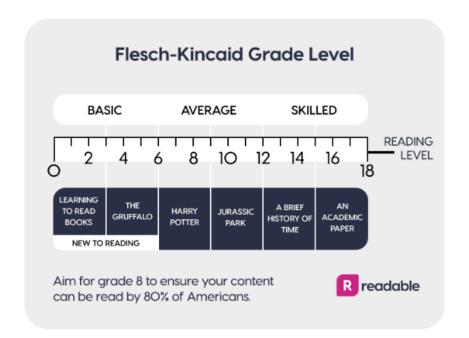
Watch Your Words

Science vocabulary with dual meanings

WORD	SCIENCE MEANING	PUBLIC MEANING
Earth		Articles (1997)
Shear	difference in wind speed/direction	cut wool off of
Mantle	planet layer between crust and core	important role passed from person to person
Crust	outermost layer of planet	edge of pizza/pie
Fault	fracture in a rock with movement	responsible for accident/misfortune
Dating	determining age of site/artifact	initial stage of romantic relationship
Grade	gradient/slope	level of proficiency
Plastic	substance that is easily shaped/molded	synthetic material
Matter	physical substance in general	be of importance, have significance
Surf	line of foam on seashore from breaking waves	riding a surfboard
Shelf	a submarine bank	a surface for displaying/storing objects
Submarine	existing/occurring under the sea surface	a ship that stays submerged under water for extended period
Current	water or air moving in a direction	belonging to the present time
Bank	land alongside a river/lake	a place where people store money
Fetch	distance traveled by wind/waves over water	go far and then bring back something/someone
Swell	sea movement in rolling waves that do not break	to become larger in size (e.g. a body part)
Processes		
Model	computer simulation	promotes fashion/product
Cycling	flow of nutrients or elements	riding a bicycle
Bonding	electrostatic attraction between atoms	making an emotional connection
Driver	influential factor	someone who drives a vehicle
Force	strength/energy of action/movement	make someone do something against their will
Stress	pressure/tension exerted on a material object	mental/emotional strain
Sample	to take a sample for analysis	a small part of something
Productive	creating organic matter through photo/chemosynthesis	busy and efficient
Code	software/computer language	encrypted message



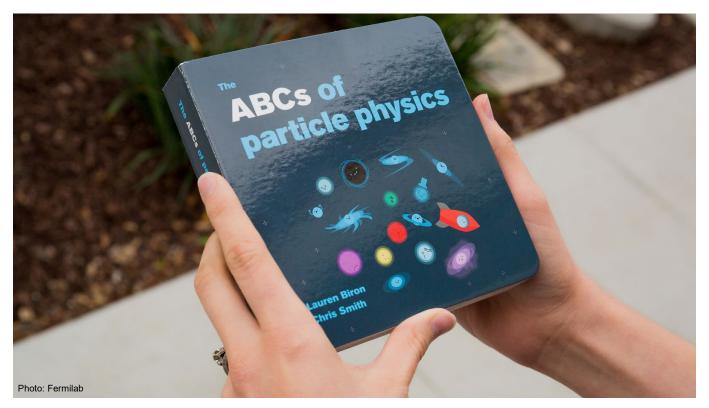








ENGAGE THROUGH STORIES







STORY CONSTRUCTION (TRADITIONAL)

Character

- Researcher
- Group
- Equipment
- Particle
- Institution or organization

Challenge

- Lack of progress
- Lack of resources
- Diversion
- Disagreement

Goal

- Solve a problem
- Make a discovery
- Reach a destination

Resolution

STORY CONSTRUCTION (ABT)

From Randy Olson

AND

- Word of agreement and positivity
- Starts your story without tension or conflict
- Other words also work (ex. Also, likewise, similarly, etc.)

BUT

- Word of contradiction, negation and denial
- Establishment of tension or conflict
- Driving force in stories
- Other words also work (ex. Despite, yet, however, conversely, etc.)

THEREFORE

- Word of consequence
- Whats your point? What are you getting at?
- Other words also work (ex. Thus, hence, consequently, etc.)





STEPS TO STRATEGIC COMMUNICATION

Identify your goal

Know your audience

Connect and engage





RESOURCES

First stop: Your institution's communications office



Your Brain on Story
Kendall Haven



This is Your Brain on Communication
Uri Hasson



Science of Storytelling
Ash Agarwal, Jeff Hau,
Dylan Moore, Wendy Tsu



Houston, We Have a Narrative by Randy Olson YouTube video on the ABT template (Language warning!)



If I Understood You, Would I Have This Look on My Face by Alan Alda

