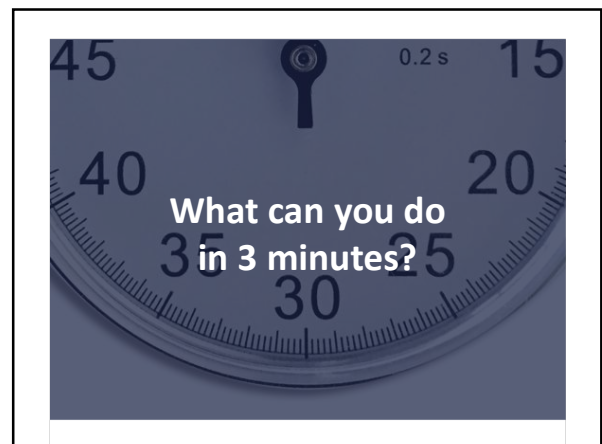
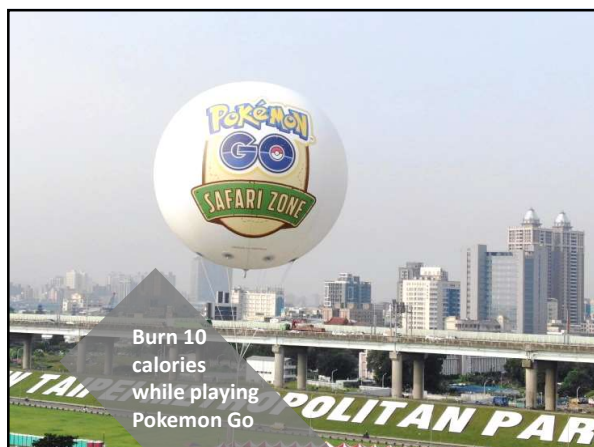
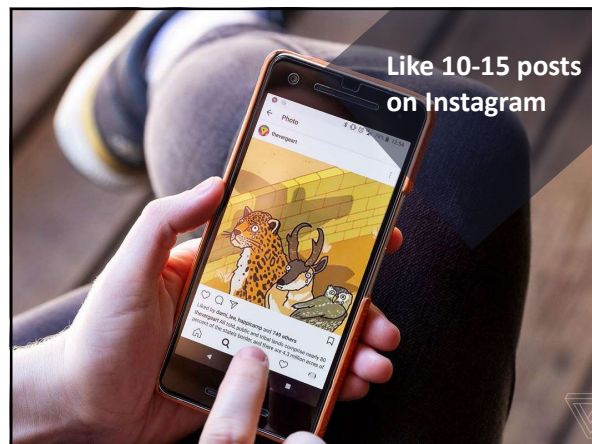
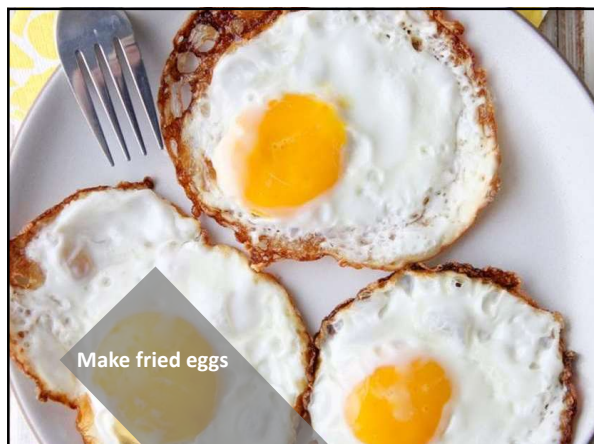


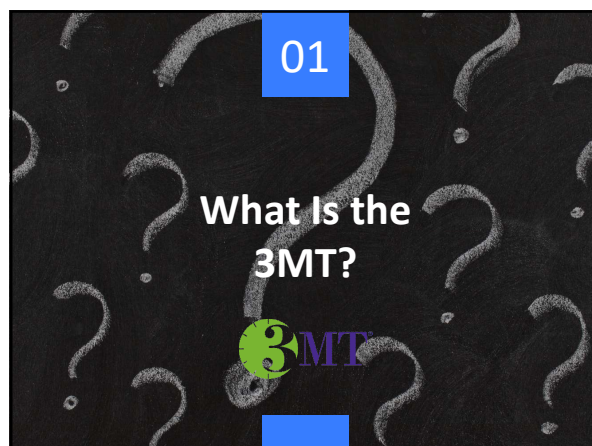


https://www.youtube.com/watch?time_continue=1&v=24M_6tG7JlQ





Agenda			
01	What is the 3MT	02	Content
	<ul style="list-style-type: none"> • Info • Reasons for participating • Testimonials 		<ul style="list-style-type: none"> • Slide Design • Content Design
03	Performance	04	Tips & Advice
	<ul style="list-style-type: none"> • Attitude • Connection • Voice • Body Language • Anxiety 		<ul style="list-style-type: none"> • Time Management • Video • Presentation Day • Notes & Memorization




Info

Reasons for Participating


Testimonials

What is the 3MT



Research Communication Competition	Graduate Students Doing Research	Present Compelling Oration on Your Thesis Topic and It's Significance
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What is the 3MT



3MT Timeline

Prepare
Design
Practice


Submit your video

Finalists Announced

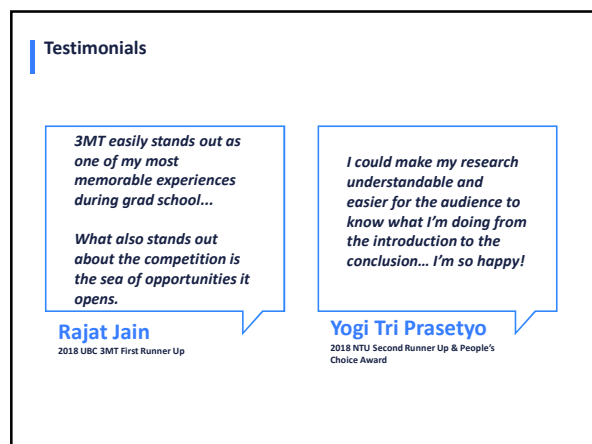
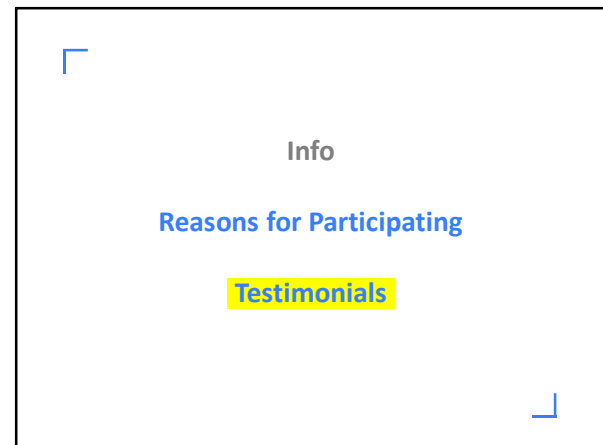
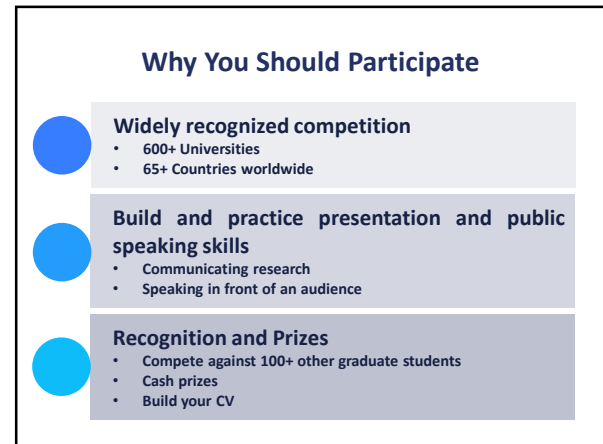
10/21 - 11/04

11/21

11/21



Final Event



Slide Design

- Philosophy
- Examples
- Analysis

Content Design

- Register
- Language
- Moves
- Message

Methodologies for Strengthening Informal Indigenous Vegetable Seed Systems in Northern Thailand and Cambodia

A. Bickel, R. Bates, R. Burattini, T. Gil, L. Meltzer-Yoder, Y. Srijarun

1. Background and Introduction

- Informal seed systems provide access to locally-adapted indigenous crops
- These systems constitute an important component of sustainable vegetable production for resource-poor farmers in Southeast Asia
- A rich diversity of indigenous germplasm exists in Southeast Asia and represents a valuable resource for the development and improvement of crop species locally, regionally and globally
- Little information is known about the seed-pathways, storage methodologies, and germplasm diversity comprising annual and perennial vegetable seed systems in Thailand and Cambodia

2. Purpose

- The goal of this project is to increase the impact and reach of these informal seed systems locally and regionally. We plan to build linkages between under-represented Southeast Asian farmers, a local innovative seed bank, and extension training systems, systems locally and regionally. We intend to facilitate farmer-to-farmer seed exchange

3. Methodology

- The project uses mixed quantitative and qualitative methods, to optimize data triangulation on multiple complex topics (Table 1).
- Research was conducted in three village clusters (2 in Northern Thailand and 1 in Cambodia), with four villages sampled in each cluster
- A common baseline vegetable vocabulary was created using half-page picture cards of 77 regionally important annual and perennial vegetable species
- Group card sorts were complemented by semi-structured interviews and observations of vegetable seed storage and farmer-innovated seed preservation and storage methods at the household level
- At the end of research in each cluster, seed swaps are held so that villagers can exchange their best seed with each other across ethnicities and socioeconomic classes

4. Seed Viability and Vigor Experiments

- Seed lots donated during the interviews were accessioned to link the seeds with the demographics of the donors and their storage methodologies
- Seeds were sorted and damaged seeds were discarded; the remaining healthy seeds were divided and set aside for various uses (Figure 1)
- An RCBD using a paired plot method for seed viability determination was used in conjunction with a solar-powered seed germination chamber that we constructed
- Seed viability as percent germination and mean time to 50% germination were calculated for each treatment; viability will be compared with farmer demographics and farmer-innovated seed saving technologies to discuss best practices

5. Results and Expected Outcomes

- In the first month, 36 accessions were procured from one village cluster and subjected to the seed viability experiment
- Mean germination of 42.3% for farmer-saved seeds
- Mean time to 50% germination of 4.9 days
- Comprising of 7 storage methods and 4 storage locations
- Research in additional village clusters will gather data and help corroborate viability of donated seeds to species, varieties, and particular seed preservation and storage methods, which will be extended to farmers, helping them better save their seeds
- Baseline data of local seed systems and storage methodologies will be created that will strengthen farmer seed systems; indigenous germination will be distributed free-of-charge to farmers, researchers, and NGO partners via the ECHO Asia Seed Bank; and this research will strengthen linkages between diverse academic and NGO actors



Slide Design

- Philosophy
- Examples
- Analysis

Content Design

- Register
- Language
- Moves
- Message

Simple Clean Design
Less is More

Memorable

Make It Easy for Your
Audience

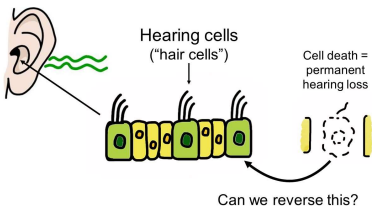
3MT Slide Philosophy

A Picture Is Worth a
Thousand Words

Does Not Distract
from Your
Presentation

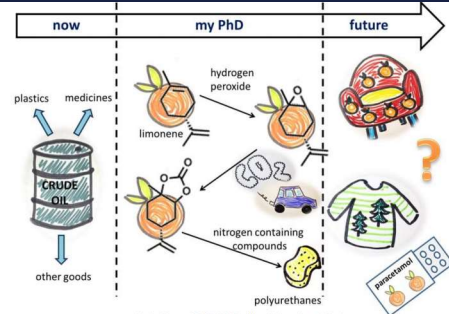
01 Simple Clean Design

Can you hear me now?:
Development and regrowth of cells for hearing



- Too much
- ~~going to~~ follow
- Hard to
- ~~follow~~ productive
- Distracting

01 Simple Clean Design

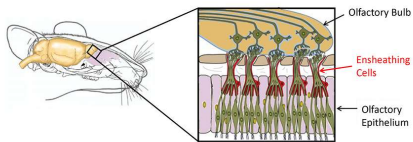


Kasia Smug, 2017 UK Finalist, University of Bath

01 Simple Clean Design

EAST TENNESSEE STATE UNIVERSITY

Understanding Neural Regeneration
Through the Olfactory System



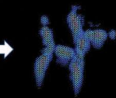
01 Simple Clean Design

FAST RADAR IMAGING : SHORTER QUEUES AT AIRPORT SECURITY

SANDHAMALI DEVAIDITHA



Our Work



01 Simple Clean Design

Bridging Virtual Reality and the Real World



Virtual Reality

Real World



01 Simple Clean Design

- Introduction
- Method
- Results
- (And)
- Discussion

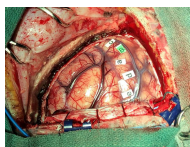
◀ 02 A Picture Is Worth a Thousand Words



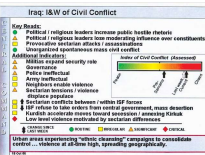
◀ 03 Memorable



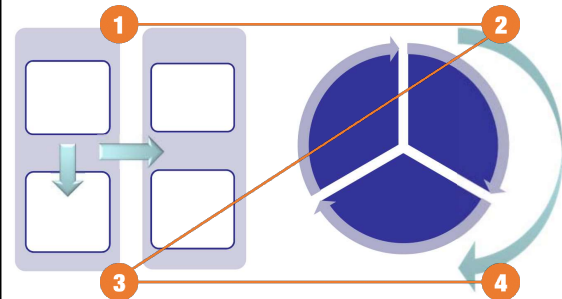
◀ 04 Does Not Distract



Fertility rate in Japan
1.39

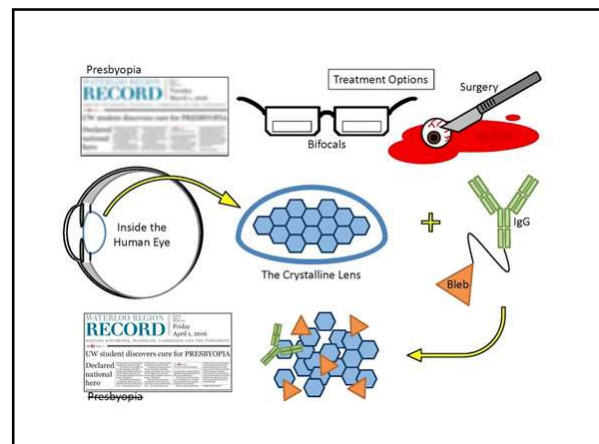


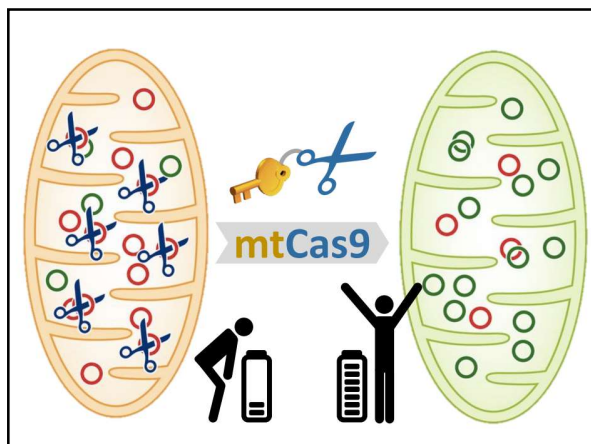
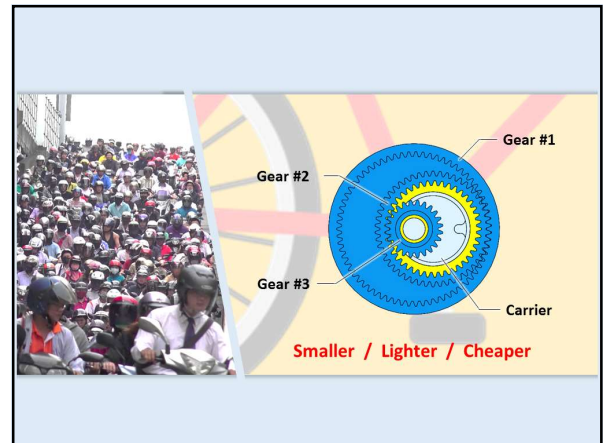
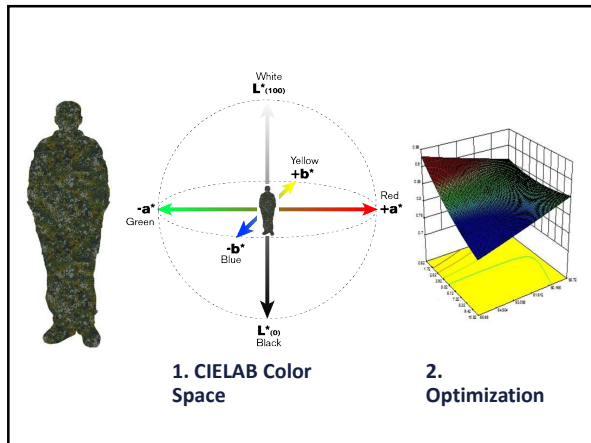
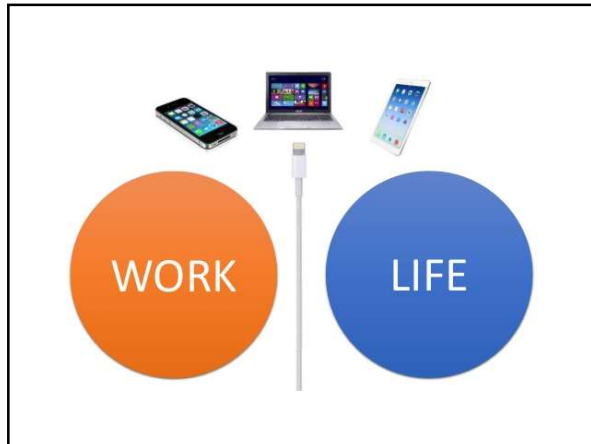
◀ 05 Make It Easy for Your Audience



◀ 05 Make It Easy for Your Audience

Logistic Regression Model of System:Immune Cell Ratio Factors-Survival Lung Cancer Patients:





◀
*
3MT Titles
▶

“Ventilation distribution and lung recruitment with speaking valve use in tracheostomized patient weaning from mechanical ventilation in intensive care”

“Examining tourist non-purchase intention of peer-to-peer accommodation: impeding factors and perceived risks”

“Hayashi Yasuo and Yagi Kazuo in postwar Japanese ceramics: the effects of intramural politics and rivalry for rank on a ceramic artist’s career” from the slow fashion movement”

◀ * 3MT Titles ▶

“Answering Ancient Questions with Modern Methods”

“Re-growing Appalachia: Understanding the Hydrologic Impacts of Deforestation and Restoration”

“How to Learn a Language from the Dead”

◀ * 3MT Titles ▶

“Ventilation distribution and lung recruitment with speaking valve use in tracheostomised patient weaning from mechanical ventilation in intensive care.”

↓

“Dying to talk”

◀ * 3MT Titles ▶

“Sex-specific dmrt1 and cyp19a1 methylation and alternative splicing in gonads of the protandrous hermaphrodite barramundi.”

↓

“Let’s talk about sex change”

Considerations

- Your slide is the background for your performance
- Try to communicate only your primary message
- One of the first things your audience will see




Fakesy McFakeson
School of Awesome
Madness University

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA
Create change

3MT THREE MINUTE THESIS
FOUNDED BY THE UNIVERSITY OF QUEENSLAND


“Why Having a Really Long and / or Complex 3MT Title is Not a Good Idea and the Reasons Why You Should Stick With Something Short, Sharp, Punny and Memorable.”

This is A Chart



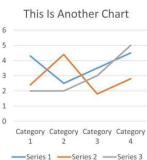
Here's a lot of text with a lot of numbers like 35,688 & 103,274. Who lives percentages? I do 24% of 33 years olds reading this agree that 11% of this part of the slide should go.

New seatbelt design:
45% less car accidents!!

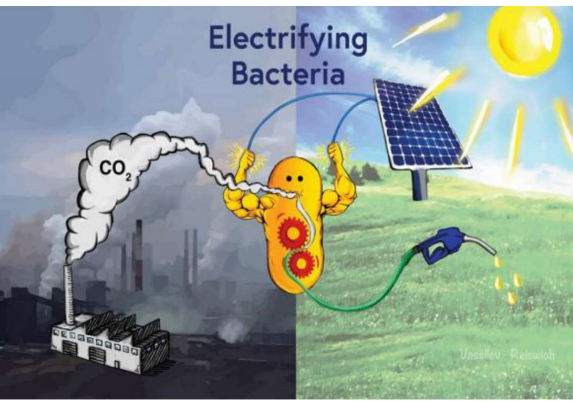


MORE WORDS, SO MANY WORDS. DID YOU KNOW A TYPICAL THESIS IS AROUND 80,000 WORDS? WOW. THAT'S A LOT OF WORDS.

This is Another Chart



Electrifying Bacteria



Unsplash - Retouchkit

Igor Vassilev, 2017 EAIT Faculty People's Choice Award, The University of Queensland



Summary

- Simple and Clean
- Focused
- Effective Images
- Impact
- Not Distracting
- Easy On the Audience

Slide Design

- Philosophy
- Examples
- Analysis

Content Design

- Register
- Language
- Moves
- Message

Reorienting linear-thinking decision-makers toward exponential possibilities can be challenging, but it is necessary if you want to get out ahead of the curve - or even just to keep pace with technological change that shows no signs of slowing down.

An Entity only manages another Entity if it has discretionary authority to manage the other Entity's assets (either in whole or part). Where an Entity is managed by a mix of Financial Institutions, NFEs or individuals, the Entity is considered to be managed by another Entity that is a Depository Institution, a Custodial Institution, a Specified Insurance Company, or the first type of Investment Entity, if any of the managing Entities is such another Entity.

What Type of Language Should You Use?



Talking to Your
Best Friend



Speaking Like
a TED Talk



Discussing Your
Dissertation With
Your Advisors

How to Avoid Jargon

Think of
your
audience

Avoid
technical
words

Use
plainer
functional
words

Your audience
is smart and
intelligent, but
not in your
field

Technical
language can
be intimidating

Academic does
not have to
mean opaque

Think of Your Audience

- Not in your field
- Wants to learn something
- Will not tolerate boredom or being lost well
 - Emotional being



Avoid Jargon and Technical language

Translate into normal language

- Riverine avifauna
- **River birds**
- The patient is being given positive pressure ventilator support
- **The patient is on a respirator**

Avoid Jargon and Technical language

- Most refractory coatings to date exhibit a lack of reliability when subject to the impingement of entrained particulate matter in the propellant stream under extended firing durations.
- **The exhaust gas eventually damages the coating of most existing ceramics.**

What If You Can't Simplify a Term ?

Define it

- Campylobacter Jejuni
- **A type of harmful bacteria that might be in your drinking water**
- Allophones
- **The different ways of pronouncing the same sound**
 - Pill vs. Lip

How can we convey more meaning?

Examples, Stories, Analogies



Use plainer function words

Avoid overly fancy words

Storytelling



Storytelling

Clear actor

Clear action

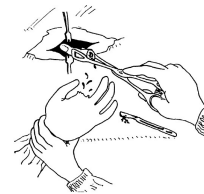
Clear result



Storytelling

The index finger of the surgeon is then inserted into the atrium. The valve is palpated.

The surgeon then puts his finger into the atrium and palpates the valve



Slide Design

- Philosophy
- Examples
- Analysis

Content Design

- Register
- Language
- Moves
- Message



Structure

Introduction

Body

Conclusion

Steps

Move 1: Orientation

Move 2: Rationale

Move 3: Framework

Move 4: Purpose

Move 5: Methods

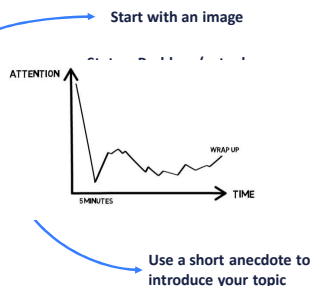
Move 6: Results

Move 7: Implication

Move 8: Termination

◀ 01 Introduction ▶

- Hook
- Purpose
- Background Information



◀ 01A Start With an Image ▶



◀ 01B State a Problem ▶

As graduate students, it feels like we're busy all the time, and I don't know about you, but for me, getting up in the morning is one of the hardest things to do. Many people would say that this is because you aren't getting enough sleep. But, what if I told you that it actually has a deeper reason than just the number of hours you sleep?

◀ 01C Ask a Rhetorical Question ▶

We live in an earthquake-prone region. Do you know how safe the building is that you live or work in? Do you think it would survive an earthquake? Well today, I'm going to talk to you about...

◀ 01D Refer to Surprising Data ▶

It seems that whenever there's a holiday, everywhere you go there are people everywhere. So when we hear about how Taiwan's birthrate has been one of the lowest in the world, we don't really pay much attention to it. However, maybe we should. According to statistics, the population of Taiwan will actually begin to decrease starting in 2021.

◀ 01D Short Anecdote ▶

Have you ever been in a situation where you're caring for a patient who is in the last stages of a disease, and feel that you just don't care? I never thought this would happen to me. I'm a compassionate person. I care about others. However, when my grandfather got sick, and stayed sick for a really long time....

◀ 01 Introduction ▶

- Hook
- Purpose
- Background Information



◀ 02 Body ▶

- Don't focus on IMRD equally
- Focus on what is most meaningful and interesting
 - Problem
 - Methods
 - Journey
 - Results
 - Implications

◀ 03 Conclusion ▶

- Repeat core message
- Link back to the introduction
- Call to action
- Hopeful inspiring message

◀ 03 Conclusion ▶

Recap + Final Message

... with this knowledge, we can choose the sweeteners that have the health effects that we want...

So whatever your needs are, if you're overweight or diabetic, or if you just want more cake, my research can help you to find the best sweetener that gives you the best of both the most happiness, and the least health effect. Now wouldn't that be sweet

◀ 03 Conclusion ▶

Recap + Final Message

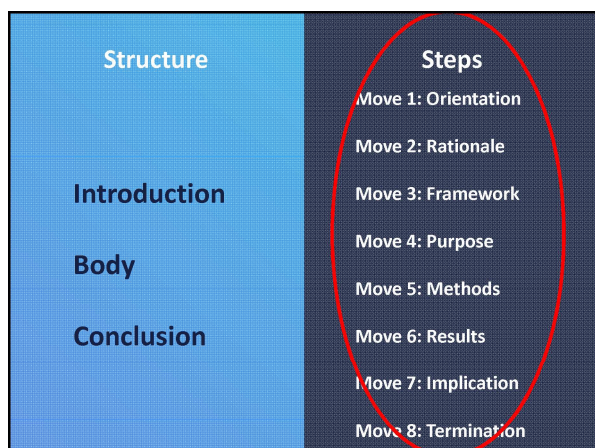
My research challenges the fearful notion of an authentic offline identity and an inauthentic online identity. It shows that, like a classroom, Facebook is just another space for girls to experiment...

So, if there's one message we should be sending to grade 8 girls on Facebook – know your audience.

◀ 0* Timing ▶

Introduction ≈ 1 minute

Conclusion ≈ 45 seconds



◀ 01 Orientation ▶

Listener & Content Orientation

- Greeting the Audience
- Introduces the topic and provides background information to prepare the audience for the next move

“Ladies and gentlemen! Today I want to talk to all of you about thousands of robots right across the world that want to make your lives better.”

◀ 02 Rationale ▶

State the motivation of the research

- Convince the audience of the relevance or usefulness
 - Gaps
 - Problems
 - Needs

“Unfortunately, we know very little. But one thing we do not expect.. On the other hand, people with other disease also produce the protein, but somehow they don’t stick together and form plug. We do not fully know why.”

◀ 03 Framework* ▶

*** Not Obligatory !**

Set out a theoretical position, model or framework that was adopted as a basis for their research prior to the collection and analysis of their data

“To classify species as a lek breeder, there’s four criteria that have to be met. And I use some analogies in human behavior to help explain them. First...”

“My research is founded upon a theory called Activity Theory and activity theory simply tells me that human beings create or adopt tools to...”

◀ 04 Purpose ▶

State research objectives, purposes or focus of the study, and/or specific research questions

“The big question that we want to know is how effective are these reading programs for these struggling readers, considering their limited resources.”

“The purpose of my research is to investigate individual feeding strategies in seabirds...”

◀ 05 Methods ▶

Inform audience of how the research is/was undertaken, often by describing the materials used, such as a model species, and the technology adopted

Justify why a certain material, method, or approach was chosen

“How am I doing this? By a new combustion technology called MILD or flameless combustion.”

“Now historians have tended to use adults’ reflective sources such as autobiographies and memoirs to tell us about childhood, but I argue that we really need to use and hear the children’s voices. So I use hundreds of evacuee letters in my work...”

◀ 06 Results* ▶

***Not Obligatory !**

Informs the audience of what has been found so far or what is expected to come out of the research

"As a result, I've discovered that guerrilla warfare is not chaotic..."

"My findings show that drama can facilitate the reading in at least three ways."

"And what I found is that where catalase's present, less hydrogen peroxide is produced, causing less damage to the host."

◀ 07 Implication ▶

Draw conclusions, discuss the implications, significance and contributions of the reported research, or offer recommendations

Answer the question "So What? Why is the research important?"

"My research shows that it is very important to encourage parents to read to the children... And my research also shows that it's very important that teachers use diverse strategies to teach vocabulary to young children"

"And ultimately with this dummy, vehicle manufactures can design safer cars and take a deep bite out of this 7,500 people that dies each year in US from rollover crashes."

◀ 08 Termination ▶

End the presentation by thanking the audience with a simple expression or in a more elaborate way

Pose questions to the audience to stimulate their thought or create some kind of suspension before ending the presentation

"I thank you kindly for your patience and kindness!"

"So, do you want to know what the penny in your pocket will be worth tomorrow? Thank you."

Descriptive statistics for the corpus.

	No. of presentations	Min. no. of words	Max. no. of words	M	SD
Hard disciplines	80	273	646	446	74.12
Soft disciplines	62	314	551	433	58.44
Pure disciplines	62	344	646	458	59.18
Applied disciplines	80	273	509	426	71.10
Award-winning	71	280	603	452	59.46
Non-winning	71	273	646	425	73.93
Total	142	273	646	440	67.84

Slide Design

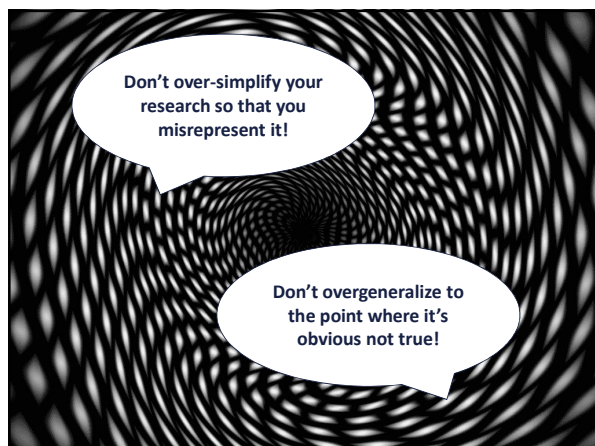
- Philosophy
- Examples
- Analysis

Content Design

- Register
- Language
- Moves
- Message

Simplify But Do Not Exaggerate!

- Be careful of what you say about:
 - Your research
 - Possible outcomes



Example: Original

Study

- Compared teaching beliefs and teaching practices in ESL classes

Results

- Teachers who taught for longer tended not to follow their own stated beliefs

Implications

- Teaching best practices needs to be consistently enforced to increase student achievements

Example: Simplified For a Wider Audience

Study

- Do English teachers teach the way that they think is best in the classroom?

Results

- Experience and time doesn't necessarily make teachers better

Implications

- All teachers can benefit from consistent and persistent training
 - We can make our education system even better!

Example: Overly Simplified and Generalized

Study

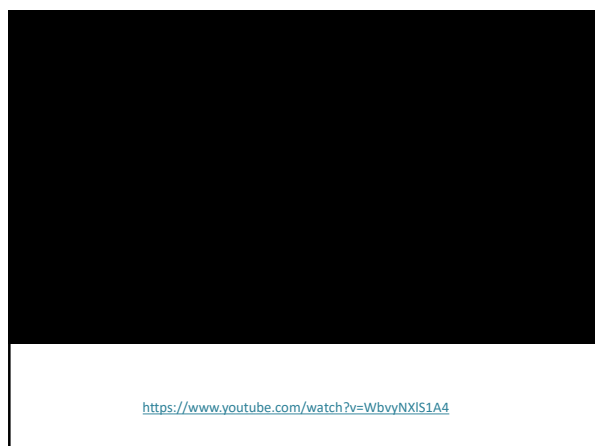
- What do teachers do?

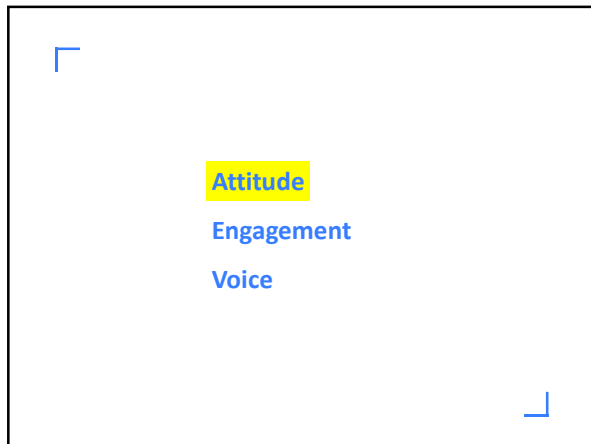
Results

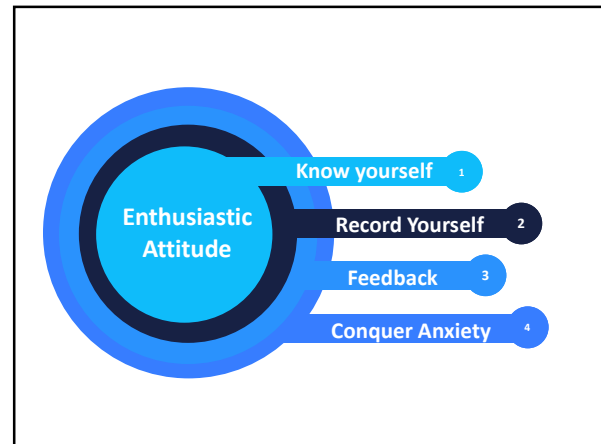
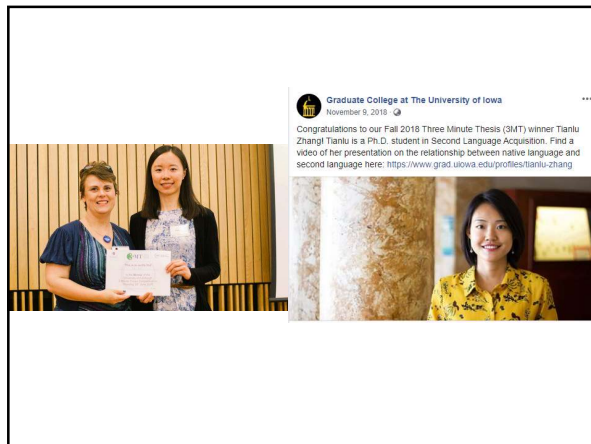
- Some teachers aren't good

Implications

- Teach teachers better and all our kids will learn 100x faster!
- Our kids will also grow taller







1: Know your presentation style

- Find a style that best matches your character
 - Serious
 - Friendly
- Express your passion for your research

3. Get feedback from others

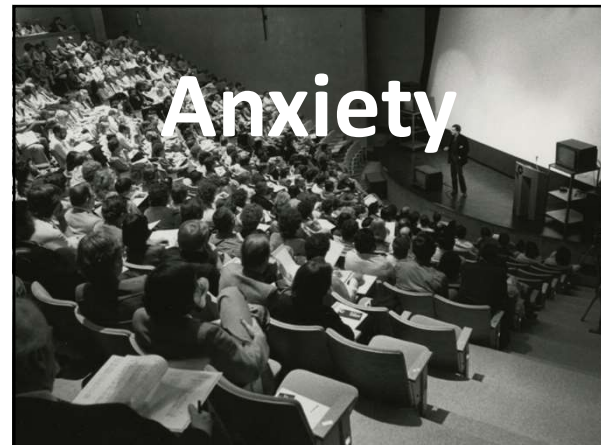
- Practice in front of other people
 - Friends, family, classmates
- Get an idea of your presentation attitude overall

2. Practice in front of a camera and mirror

- Be aware of what your face is doing
 - Before, During, After
- Do your facial expressions match your attitude?
- Do you look too serious? Too casual?

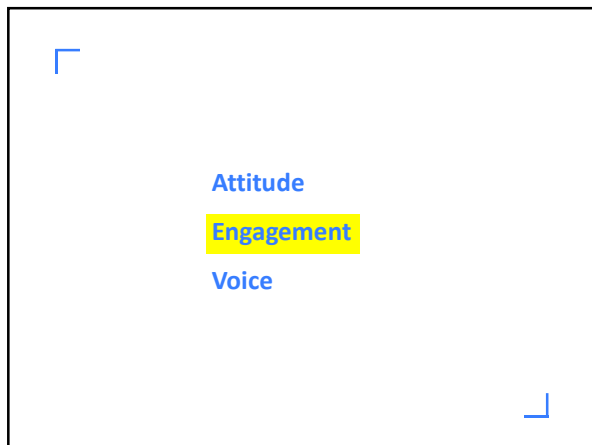
4. Conquer Anxiety

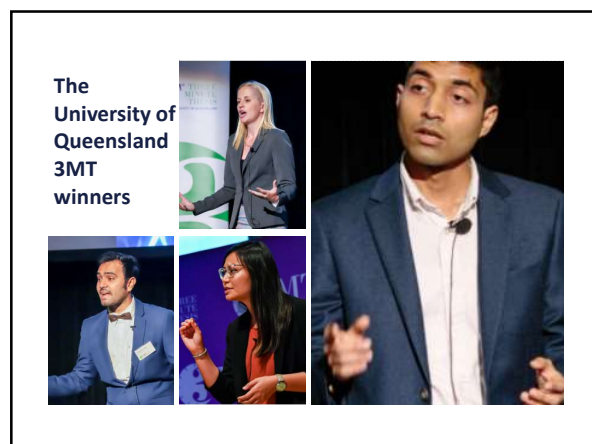
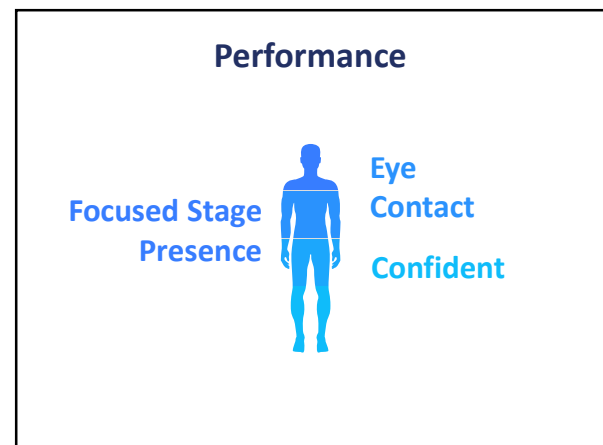
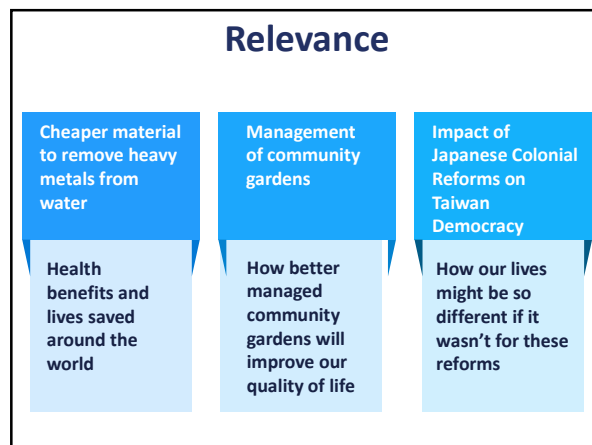
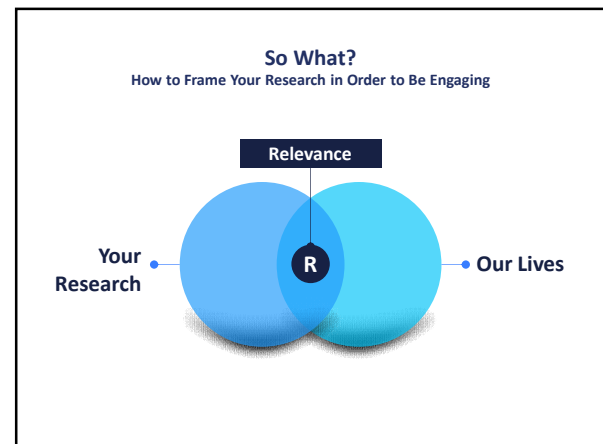
- Anxiety can undo all your preparation



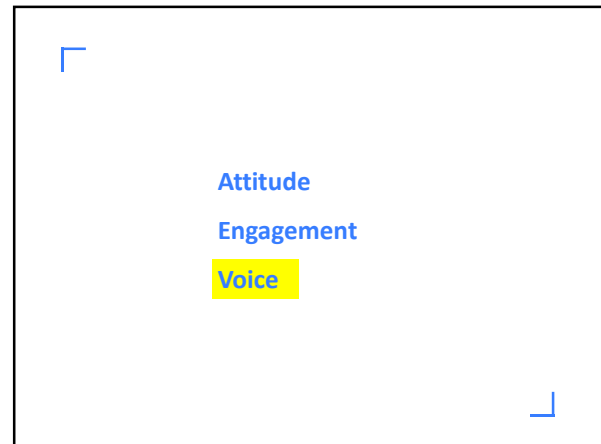
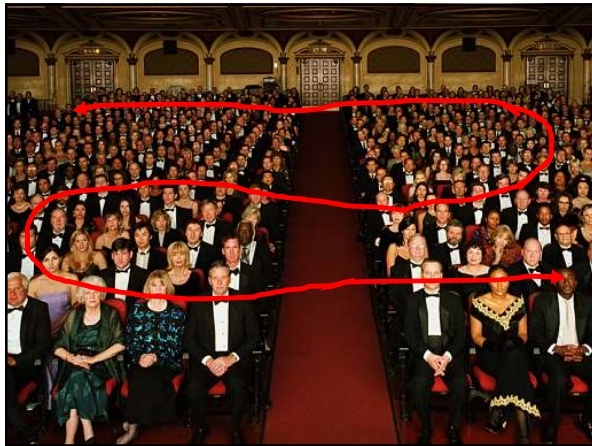
Strategies for Overcoming Anxiety







- Stage Presence and Confidence**
- Stand up straight
 - Walk around (just a little)
 - Shoulders apart, chest up
 - Hands above waist
 - Gestures
 - Dynamic facial expressions
 - Speak slower
 - Eye contact



Voice

- Do not speak too fast
- Hard to follow
- Probably not well curated
- Audience likely to stop paying attention

Regulating and Chunking

Regulating

- The purposeful use of pauses or silent beats between words
 - Emphasis
 - Drama

Chunking

- Grouping words together between breaks
 - Emphasis
 - Drama

Regulating and Chunking

By a show of hands, how many people in the audience here have ever been stressed? Try to remember, what was the situation? Was it a job interview? A deadline? A Speech in front of a crowd? A first date perhaps? How did it feel? Were your legs shaking? Were you sweating? Did you feel like your heart was pounding in your chest? Well, I am not calling you all liars but I can guarantee that in some of you, that was all in your head and in fact your heart rate did not go up at all.



Recording Your Video
 Designing and Practicing
 Adding Emphasis
 Notes + Memorization
 Time Management



**2018 NTU 3MT Competition
Judging Sheet**

CONTESTANT NAME: _____

Rubric!

Engagement & Communication (50%)

Sub-Category	Criteria	Score
Attitude 10%	<ul style="list-style-type: none"> Did the presenter convey enthusiasm for his/her research? 	
Engagement 10%	<ul style="list-style-type: none"> Did the presenter make the audience want to know more? Did the presenter capture and maintain the audience's attention? 	
Presentation Skills 20%	<ul style="list-style-type: none"> Did the presenter establish a good connection with the audience by having a confident, focused stage presence, and making eye contact? Did the PowerPoint slide enhance the presentation - was it meaningful and relevant? Were details visible/ readable? (if used) 	
Stance 10%	<ul style="list-style-type: none"> Was the presenter careful not to over-simplify or generalize his/her research? 	

Comprehension & Content (50%)

Sub-Category	Criteria	Score
Audience Communication 10%	<ul style="list-style-type: none"> Did the presenter use a plain, easy-to-understand language to illustrate his/her points? 	
	<ul style="list-style-type: none"> Did the presenter provide enough background information 	

How Is the 3MT Judged?

Panel of 5 Judges

- Variety of backgrounds
 - Business
 - Academia

Judges will score using a rubric

Audience will also vote

3MT Rubric

Engagement & Communication = 50%

Comprehension & Content = 50%

Engagement & Communication (50%)

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Attitude 10%	<ul style="list-style-type: none"> Did the presenter convey enthusiasm for his/her research? 	
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Stance 10%	<ul style="list-style-type: none"> Was the presenter careful not to over-simplify or generalize his/her research? 	

Comprehension & Content (50%)		
Sub-Category	Criteria	Score
Audience Communication 10%	<ul style="list-style-type: none"> Did the presenter use a plain, easy-to-understand language to illustrate his/her points? 	
Content Delivery 20%	<i>Background</i> 10% <ul style="list-style-type: none"> Did the presenter provide enough background information on his/her research? Did the presenter clearly address his/her research question, problem, or purpose? 	
	<i>Outcomes</i> 10% <ul style="list-style-type: none"> Did the presenter concisely describe his/her desired, preliminary, or final research results? Did the presenter convincingly explain the value or importance of his/her research? 	
Organization 10%	<ul style="list-style-type: none"> Did the presenter present in an understandable and logical sequence? 	
Time Management 10%	<ul style="list-style-type: none"> Did the presenter allocate adequate time on each element—(i.e., background information, research question, results, and implications, future plans, etc.)? 	