



Contact ACS Webinars[®] at acswebinars@acs.org

Check out the Archive! An ACS member exclusive benefit



Hundreds of presentations from the best and brightest minds that chemistry has to offer are available to you on-demand. The Archive is divided into 6 different sections to help you more easily find what you are searching.

Professional Development	Technology & Innovation	Drug Design and Delivery
► View the Collection	► View the Collection	► View the Collection
Learn how to write better abstracts, deliver more engaging presentations, and network to your next dream job. Brush up on your soft skills and set a new career path by mastering what can not be taught in the lab.	From renewable fuels to creating the materials for the technology of tomorrow, chemistry plays a pivotal role in advancing our world. Meet the chemists that are building a better world and see how their science is making it happen.	The Drug Design Delivery Series has built a collection of the top minds in the field to explain the mechanics of drug discovery. Discover the latest research, receive an overview on different fields of study, and gain insight on how to possibily overcome your own med chem roadblocks.
Culinary Chemistry	Popular Chemistry	Business & Entrepreneurship
► View the Collection	► View the Collection	► View the Collection
Why does food taste better when it is grilled or what molecular compounds make a great wine? Discover the delectable science of your favorite food and drink and don't forget to come back for a second helping.	Feeling burdened by all that molecular weight? Listen to experts expound on the amazing side of current hot science topics. Discover the chemistry of rockets, how viruses have affected human history, or the molecular breakdown of a hangover.	How do ideas make it from the lab to the real world? Discover the ins and outs of the chemical industry whether you are looking to start a business or desire a priceless industry-wide perspective.
https://	www.acs.org/content/acs/en/acs-we	binars/videos.html



Learn from the best and brightest minds in chemistry! Hundreds of webinars on diverse topics presented by experts in the chemical sciences and enterprise.

Edited Recordings are an exclusive ACS member benefit and are made available to registrants via an email invitation once the recording has been edited and posted.

Live Broadcasts of ACS Webinars[®] continue to be available to the general public on Tuesdays, Wednesdays, and Thursdays from 2-3pm ET!

A **collection of the best recordings** from the ACS Webinars Archive will be broadcast on Mondays and Fridays from 2-3pm ET!

What is ACS on Campus?



ACS visits campuses across the world offering FREE seminars on how to be published, find a job, network and use essential tools like SciFinder. ACS on Campus presents seminars and workshops focused on how to:



- Publish in top journals
- Find a job
- Effectively use research tools like SciFinder[®] and ACS ChemWorx
- Communicate your science

- Write grant proposals
- · Build industry partnerships
- Prepare for a changing employment landscape

http://acsoncampus.acs.org



https://chemidp.acs.org

From ACS Industry Member Programs

Industry Matters Newsletter

Exclusive interviews with industry leaders and insights to advance your career

Preview & Subscribe: acs.org/indnews



Register for a Professional Education

need to advance in your career.

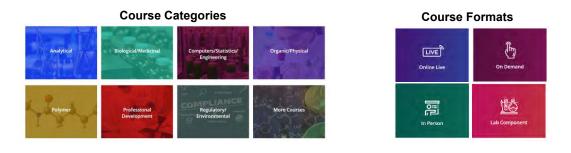
course that meets your training needs!

Connect, collaborate, and stay informed about the trends leading chemical innovation
Join: bit.ly/ACSinnovationhub



ACS Professional Education courses not only give you the tools you need to stay on top of new technology and growing trends in the science industry but also the professional development skills you

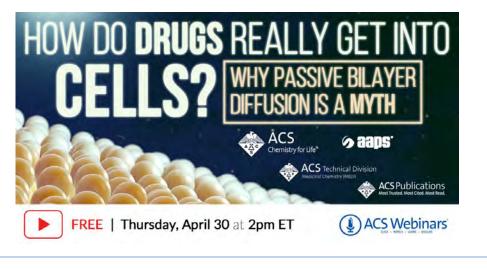
ACS member and early bird discounts are available. Explore courses in a variety of topics and delivery methods.



https://www.acs.org/proedweb

Free ACS Webinars Everyday! Thursday





https://www.acs.org/content/acs/en/acs-webinars/drug-discovery/so-lute-carriers.html



https://www.acs.org/content/acs/en/acs-webinars/culinary-chemistry/flavor-rebroadcast.html







Better Communication in the Digital Age



Presentation slides are available now! Recordings are an exclusive ACS member benefit.
<u>www.acs.org/acswebinars</u>
This ACS Webinar is co-produced with the ACS Professional Education

12

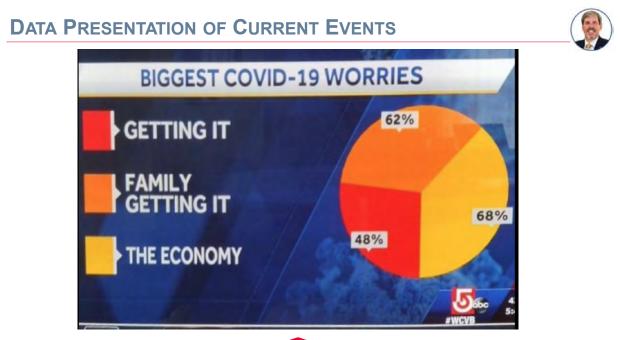


BETTER COMMUNICATION IN THE DIGITAL AGE

MARK JONES

EXECUTIVE EXTERNAL STRATEGY AND COMMUNICATIONS FELLOW THE DOW CHEMICAL COMPANY

29 April 2020







any communication Designing a presentation without an audience in mind is like writing a love letter and addressing it 'to whom it may concern'.

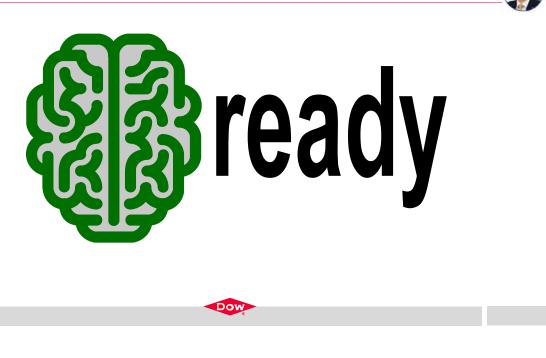
Dov

Ken Haemer Presentation Research Manager, AT&T



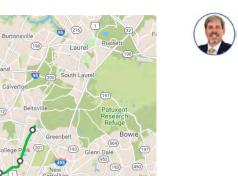
in HBR Guide to Persuasive Presentation

MIND READY









Mitchellville 50

te Arbor (193) (214)

Westphalia

Uppe Marlbc

Largo

223

Rosaryville Marlton

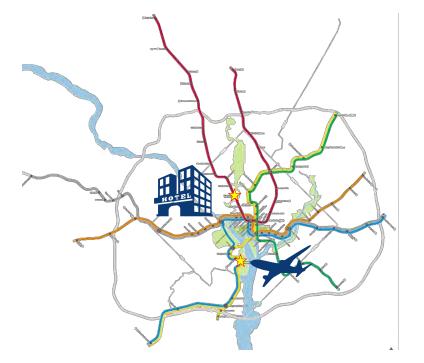
4

0 495

District Heights Forestville

Joint Base Andrews

Clinton



Rock Creek Regional Park 115

R

en Corners

-

Bet

Leisure World

Aspen Hill

495

Belle Haven

97 586 Wheat

Colesville Fai

29 193 Adelphi

495

Oxon Hill-Glassmanor

ing

nont 650

28)

Darnestown

Shady Oak

Great Falls

681)

10

674

Dakton 😿

503

iirfax

71

Burke

645 West Springfield

Vienna Dunn 0

74)

Travilah

(189) MARY MARY

Potomac

495 000

Merrifield

(236)

699

495

Falls

(36) Annandale (613

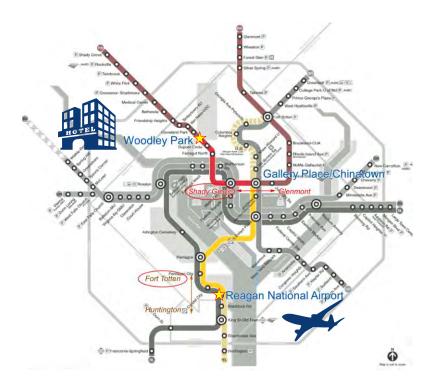
Se

620 North Springfield Springfield

613 Bailey's Crossroad









FIVE PRINCIPLES OF DATA PRESENTATION



- •Tell the truth
- Get to the point
- Pick the right tool
- •Highlight what is important

Everything should be made as simple as possible, but not simpler.

Nancy Duarte in Slideology

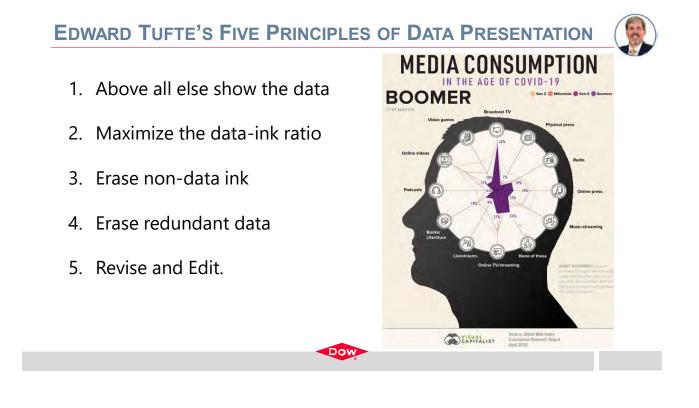
·Keep it simple appropriate

Dow





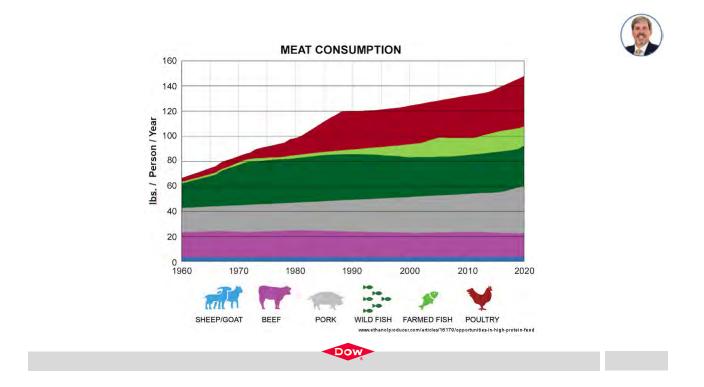


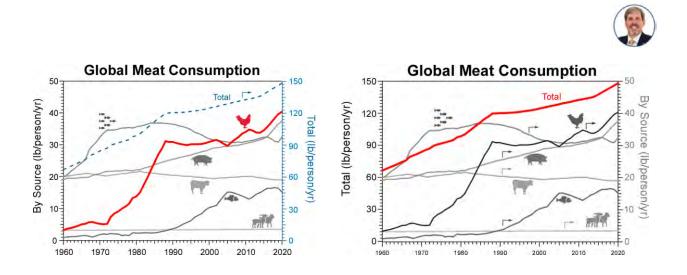










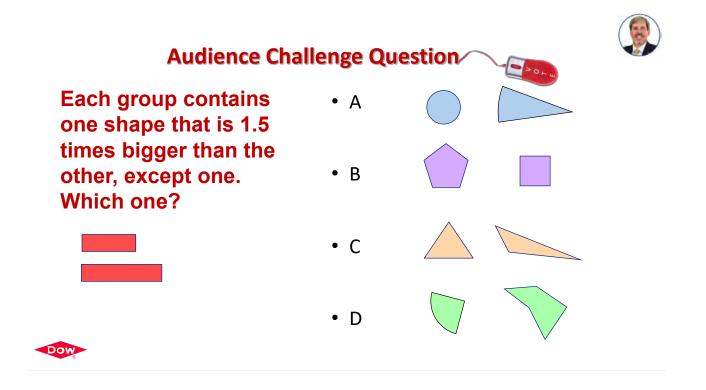


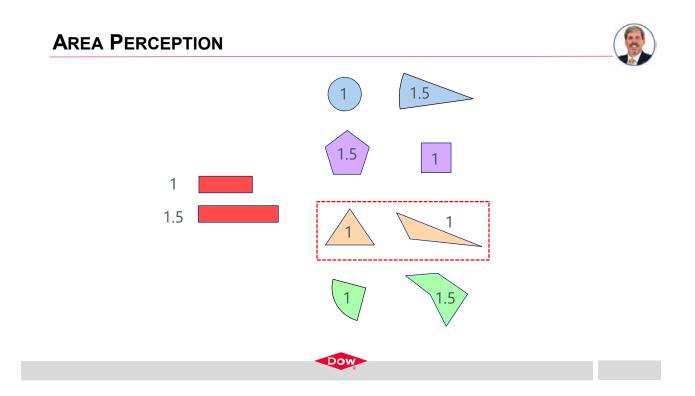


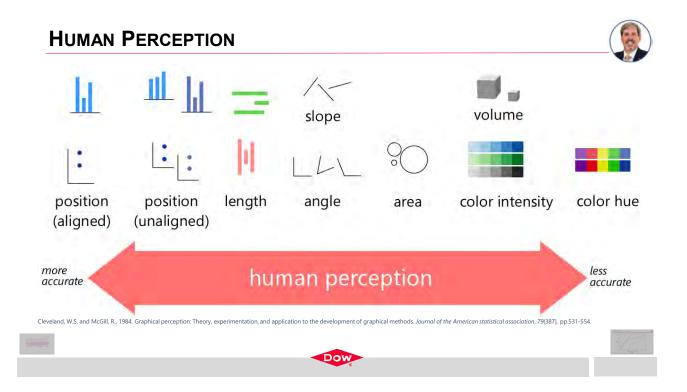


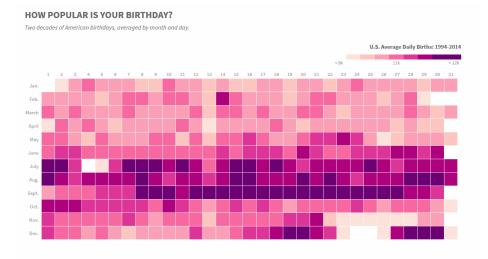










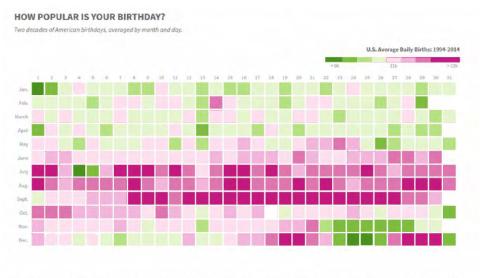


Notes: The conception date, purely for illustration, is 266 days prior to birth. It represents a hypothetical "moment of conception" based on the normal gestation period for humans, 280 days, minus the average time for avulation, two weeks.

Data: U.S. National Center for Health Statistics (1994-2003); U.S. Social Security Administration (2004-2014) - via FiveThirthyEight

Credit: Matt Stiles/The Daily Viz

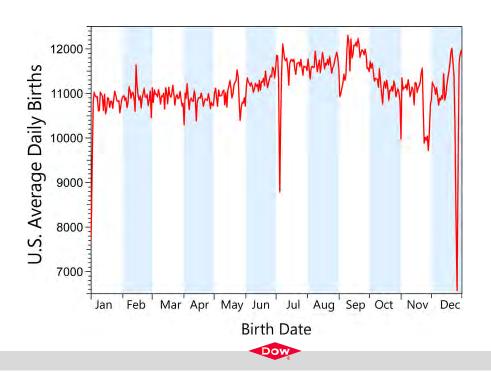




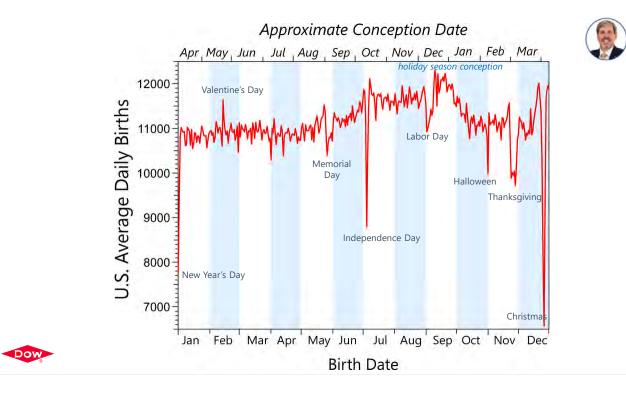
Notes: The conception date, purely for illustration, is 266 days prior to birth. It represents a hypothetical "moment of conception" based on the normal gestation period for humans, 280 days minus the average time for ovulation, two weeks.

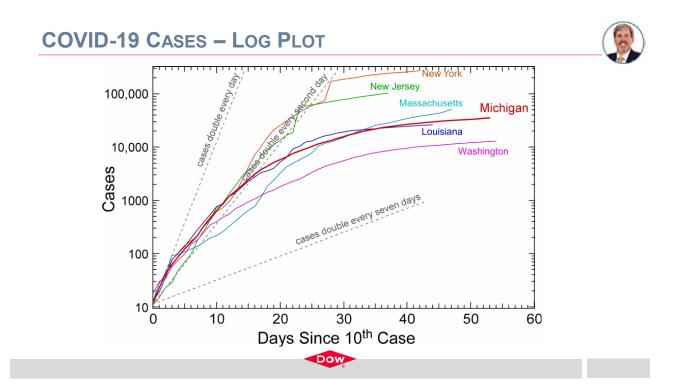
Data: U.S. National Center for Health Statistics (1994-2003); U.S. Social Security Administration (2004-2014) — via FiveThirthyEight Credit: Matt Stiles/The Daily Viz



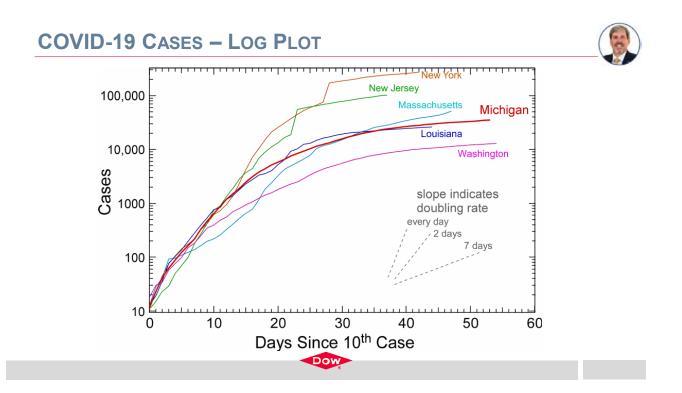


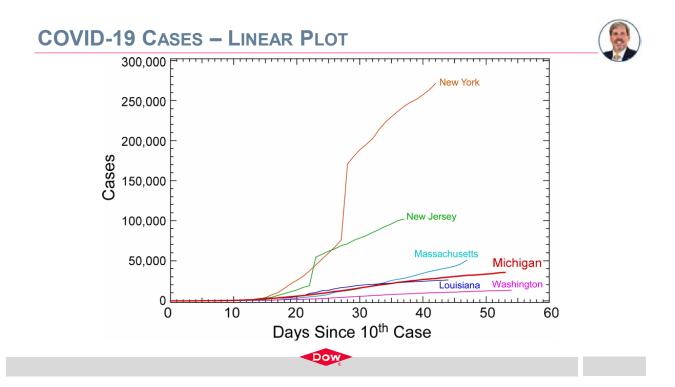


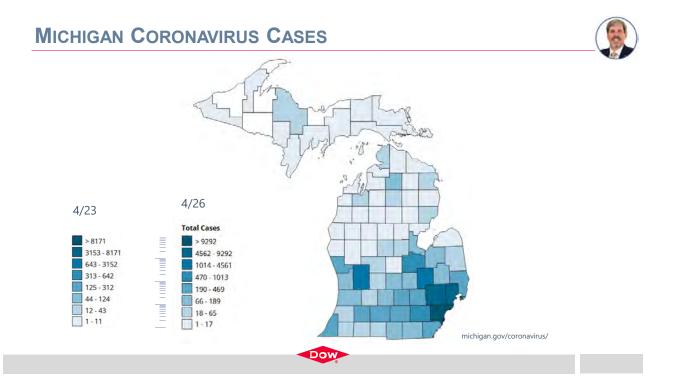




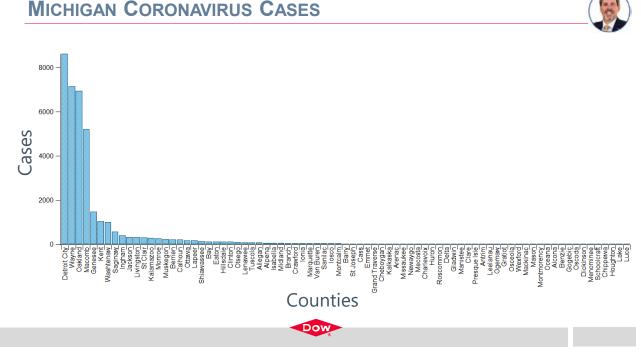
19

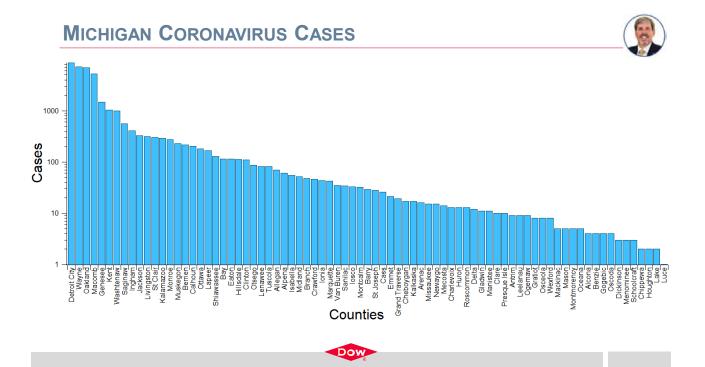






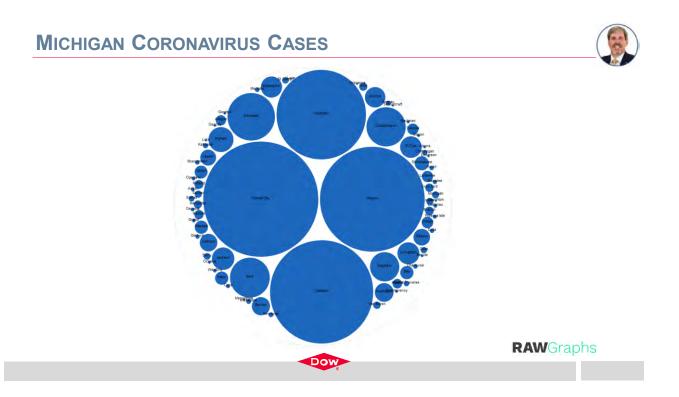
Oakland	Genesee Kent
	Washtenawi sajawa matar
Macomb	Alexandre Lamanatar Denors Transferm Laman
	Internetion Distances Allergians Charafilder Staffahren Mark Dur Contexture Contexture Allergians Charafilder Staffahren Mark Dur Contexture Contexture Marchine Mark Dur Contexture Land avec Marchine Mark Dur Otherwise Land avec Marchine Mark Dur Otherwise Transcribe Mark Dur Otherwise Transcribe Mark Dur
	Oakland Macomb

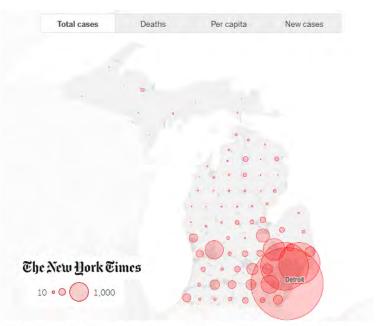




MICHIGAN CORONAVIRUS CASES

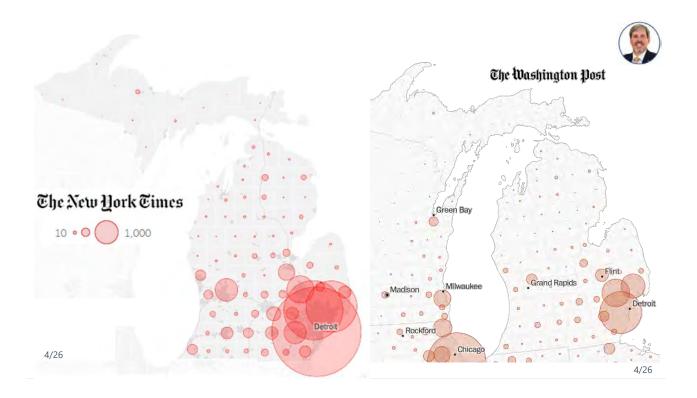


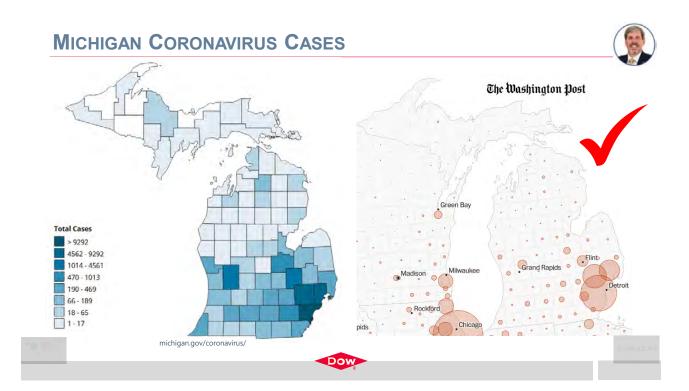


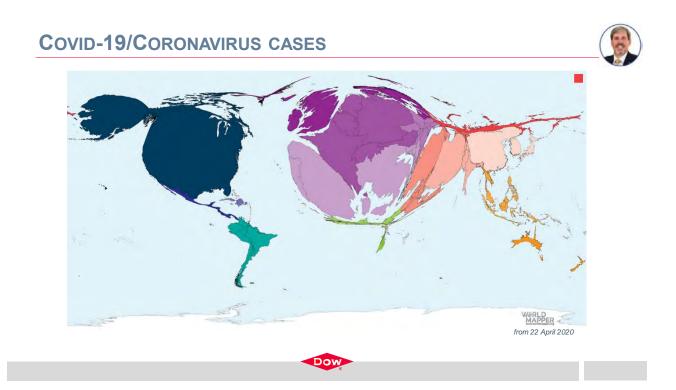




Note: The map shows the known locations of coronavirus cases by county. For total cases and deaths: Circles are sized by the number of people there who have tested positive, which may differ from where they contracted the illness. For new cases: Doubling time is calculated for the last week of cases. Sources: State and local health agencies and hospitals.







COMMUNICATION: DIFFERENT AUDIENCES





COMMUNICATION: DIFFERENT TOOLS





Dow





Dow







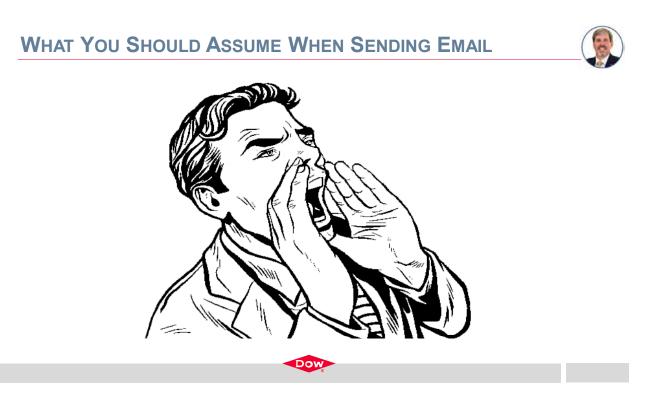


Audience Challenge Question

What should you assume as you send an email?

- it is a secure way to communicate and all contents will be viewed only by the intended recipient
- the content will be yelled in the hallway for all to hear
- spelling and formatting are a waste of time and prompt response is most important
- it will be ignored and will disappear without a trace





EMAIL'S FLAWS

A Vermon (* KBack	10 57 AM Inbox	e 🖛 Edit
•		
•		
	\checkmark	
		1.1
		1
		+
-		
•		
The attern	updated and Non-	TX I

- You can't assume only the reader will see it.
- You can't assume all of any message will be read.
 - Spam filters aren't reliable.
 - Too much email!
- Over-analysis is possible, even likely.
- Autocorrect and spelling checkers.
 - Madan \rightarrow Madman
 - attempt at inconsistency \rightarrow incontinence



VONNEGUT'S HOW TO WRITE WITH STYLE*

- Do not ramble
- Keep it simple
- edit • Have the guts to cut
 - Sound like yourself
 - Say what you mean to say
 - Read Strunk and White



- 1. Read the Writing That Works. Read it three times.
- 2. Write the way you talk. Naturally.
- 3. Use short words, short sentences and short paragraphs.
- 4. Never use jargon words like reconceptualize, demassification, attitudinally, *judgmentally*. They are hallmarks of a pretentious ass.
- 5. Never write more than two pages on any subject.
- 6. Check your quotations.

edit

- 7. Never send an important email on the day you write it. Read it aloud the edit. next morning —and then edit it. edit.
 - 8. If it is something important, get a colleague to improve it.
 - 9. Before you send your *email*, make sure it is crystal clear what you want the recipient to do.
 - 10. If you want ACTION, don't write. Go and tell the guy what you want.









EDITING





Perfectionism is spelled paralysis

EFFECTIVE EMAIL

- Make the subject line helpful.
- Include a greeting.
- Immediately state why you sent the email and what, if any action, it requests.
- Write clearly. Write well.
- Carefully consider recipients.
- Be professional at all times.
- Proofread.
- If it is important, pause before you send.





SAMPLE EMAIL



Subject: Decision needed on E2V project

Dear Charlie,

A yes/no decision from you is needed on whether funds will be allocated for the plant trial for E2V. Please indicate whether you support spending the \$125k.

The detailed budget is enclosed should you want to review. We winnowed the budget to the bare minimum. I do not believe we can reduce any further.

I hope your trip went well. I am sorry we were unable to discuss this matter and this is likely unexpected on your first day back. We are in a holding pattern until your decision.

Dov

Regards,

Mark







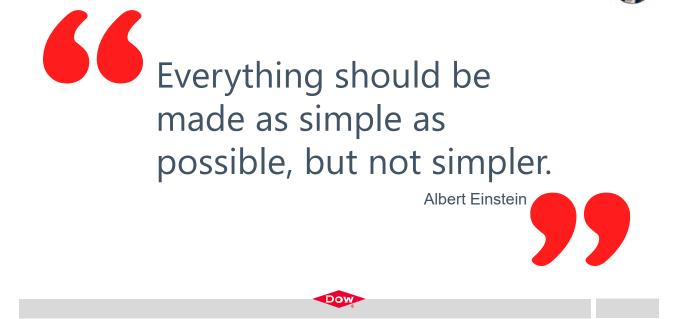
LAYERED SCIENTIFIC COMMUNICATION

Chest CT imaging of COVID-19 patients demonstrates common imaging abnormalities, even in asymptomatic patients, with rapid evolution from unilateral to bilateral interstitial pneumonia.

versus

Interstitial tissue supports the air sacs, or avioli, where oxygen transport occurs in the lungs. The tissue surrounding air sacs in both lungs get irritated in bilateral interstitial pneumonia. Threedimensional X-ray techniques, commonly called CT scans, detect interstitial pneumonia, even in asymptomatic patients, and allow doctors to monitor disease progression.

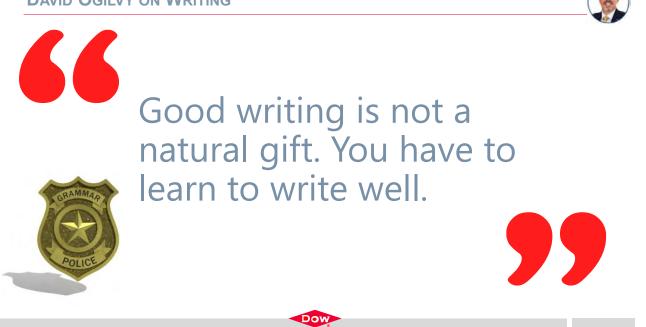








DAVID OGILVY ON WRITING^{*}



TACTICS: WRITE FORCEFULLY

Kryptonite stops the Man of Steel.

versus

Kryptonite could be used to stop the Man of Steel.



TACTICS: PRESENT TENSE AND FORCEFUL

Affinisol[™] makes drugs more soluble.

versus

Affinisol[™] has been shown to make drugs more soluble.

versus

Affinisol[™] can make drugs more soluble.

TACTICS: STRONG PHRASING

INNATE[™] reduces the environmental burden of packaging because less packaging delivers better performance.

versus

Because it allows less packaging to be used, INNATE[™] reduces the environmental burden of packaging.





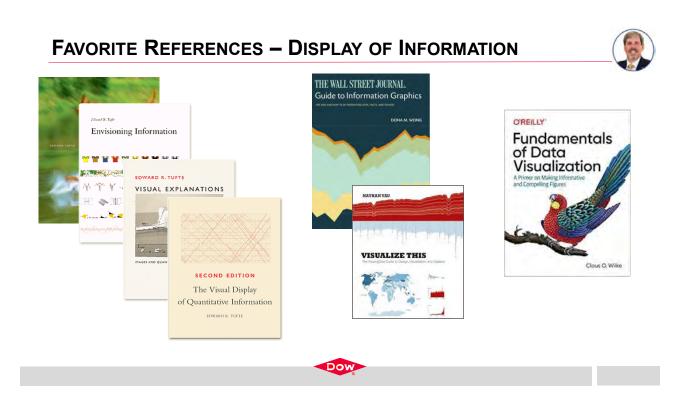




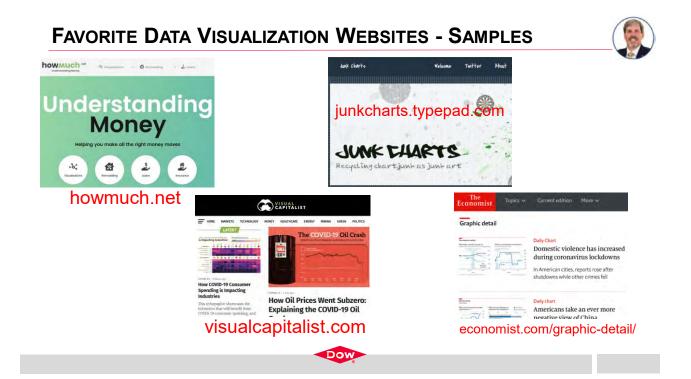
• info density right for material and audience











FAVORITE DATA VISUALIZATION WEBSITES - TOOLS







DUARTE'S GOLDEN RULE





Never give a presentation you wouldn't want to sit through.

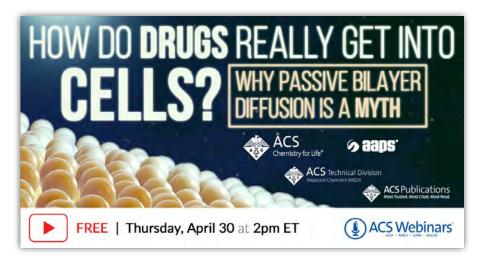






Free ACS Webinars Everyday! Upcoming Broadcasts





https://www.acs.org/acswebinars





Better Communication in the Digital Age



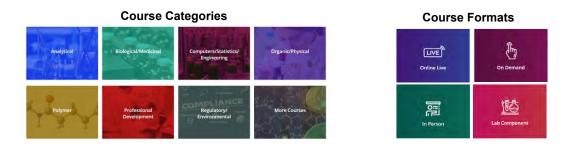
Presentation slides are available now! Recordings are an exclusive ACS member benefit.
<u>www.acs.org/acswebinars</u>
This ACS Webinar is co-produced with the ACS Professional Education

Register for a Professional Education course that meets your training needs!



ACS Professional Education courses not only give you the tools you need to stay on top of new technology and growing trends in the science industry but also the professional development skills you need to advance in your career.

ACS member and early bird discounts are available. **Explore courses in a variety of topics and delivery methods.**



https://www.acs.org/proedweb



40





ACS Webinars[®] does not endorse any products or services. The views expressed in this presentation are those of the presenter and do not necessarily reflect the views or policies of the American Chemical Society.



Contact ACS Webinars [®] at acswebinars@acs.org

Free ACS Webinars Everyday! Upcoming Broadcasts





https://www.acs.org/acswebinars