



2022 INSIDER THREAT VIRTUAL CONFERENCE



Defense Counterintelligence and Security Agency,
Center for Development of Security Excellence,
Insider Threat Division

Office of the Under Secretary of Defense (Intelligence & Security),
Counter Insider Threat Program

September 1, 2022

WELCOME



CDSE

Center for Development
of Security Excellence

Amber Jackson

Curriculum Manager

CDSE Insider Threat Division

NITAM

National Insider Threat Awareness Month

AGENDA



10:00 Conference Welcome

10:05 **KEYNOTE ADDRESS**

National Counterintelligence and Security Center (NCSC) and
Office of the Under Secretary of Defense for Intelligence and Security (OUSD(I&S))

10:15 **FIVE HABITS OF THE MASTER THINKER: Thinking Skills for Security Professionals**

11:15 Break

11:30 **THE PSYCHOLOGY OF PHISHING**

12:15 Break

12:45 **MENTAL HEALTH RESOURCES PANEL DISCUSSION**

13:45 Break

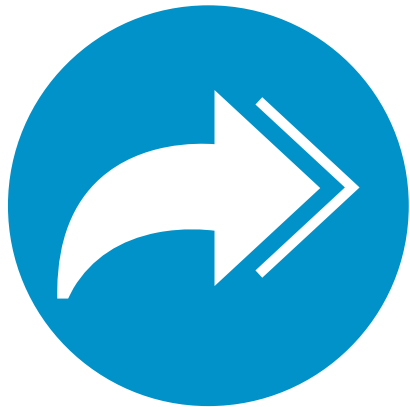
14:00 **HOW COUNTERING THE INSIDER THREAT RESULTED IN GOOD MENTAL HEALTH**

15:15 Conference Wrap Up

ATTENDEE PARTICIPATION



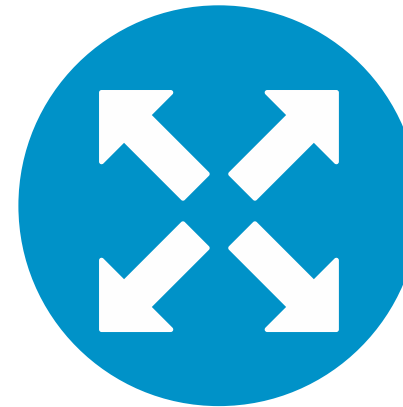
Screen tools



**FILE
SHARING**



**CLOSED
CAPTIONING**



**ENLARGE
WINDOW**



Q&A

ATTENDEE PARTICIPATION



Polls, Chats, Feedback

Poll #1

View Votes

How many s
Process

☐ 3

☐ 4

☐ 5

☐ 6

☒ No Vote

Chat Q2 - Shorts

What shorts have you found most helpful? or What shorts do you think might be beneficial to you and your security program?

Type your answer here...

Feedback 3

Type your unclassified comments here. Both positive and constructive comments are useful. Suggestions: How do you actually use what was presented on the job? What changes would improve your webinar experience?

Type your answer here...

AUDIENCE POLL QUESTION #1



What time is it there?

- a. 10:00 a.m.
- b. 7:00 a.m.
- c. 1:00 p.m.
- d. Too early!
- e. Too late!



KEYNOTE SPEAKER



Tara Jones

*Deputy Director for Defense Intelligence
(Counterintelligence, Law Enforcement &
Security)
OUSD(I&S)*



Five Habits of the Master Thinker

Thinking Skills for Security Professionals



Katherine Hibbs Pherson
CEO, Pherson Associates

Three Analytic Thinking Touchpoints



1. Fundamental **Concepts** of Analytic Thinking

2. Essential Tradecraft **Skills**

- Mitigating Biases and Traps
- Developing Conceptual Models
- Understanding Probability
- Questioning Misinformation and Flawed Argumentation

3. Five **Habits** of the Master Thinker



Fundamental Concepts of Analytic Thinking



Key Concepts to Understand Analytic Thinking

DATA: Greg Treverton -- *Is our problem a **puzzle** or a **mystery**?*

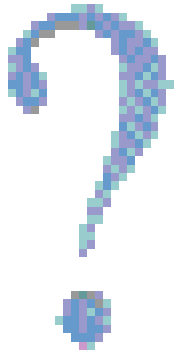
- Can we simply collect and collate data, or do we need to engage in critical thinking?

FRAMING: Gary Klein -- *How do our brains help us with **sensemaking**?*

- Are we conscious of how our brains automatically fit data into a frame and fit the frame around the data?

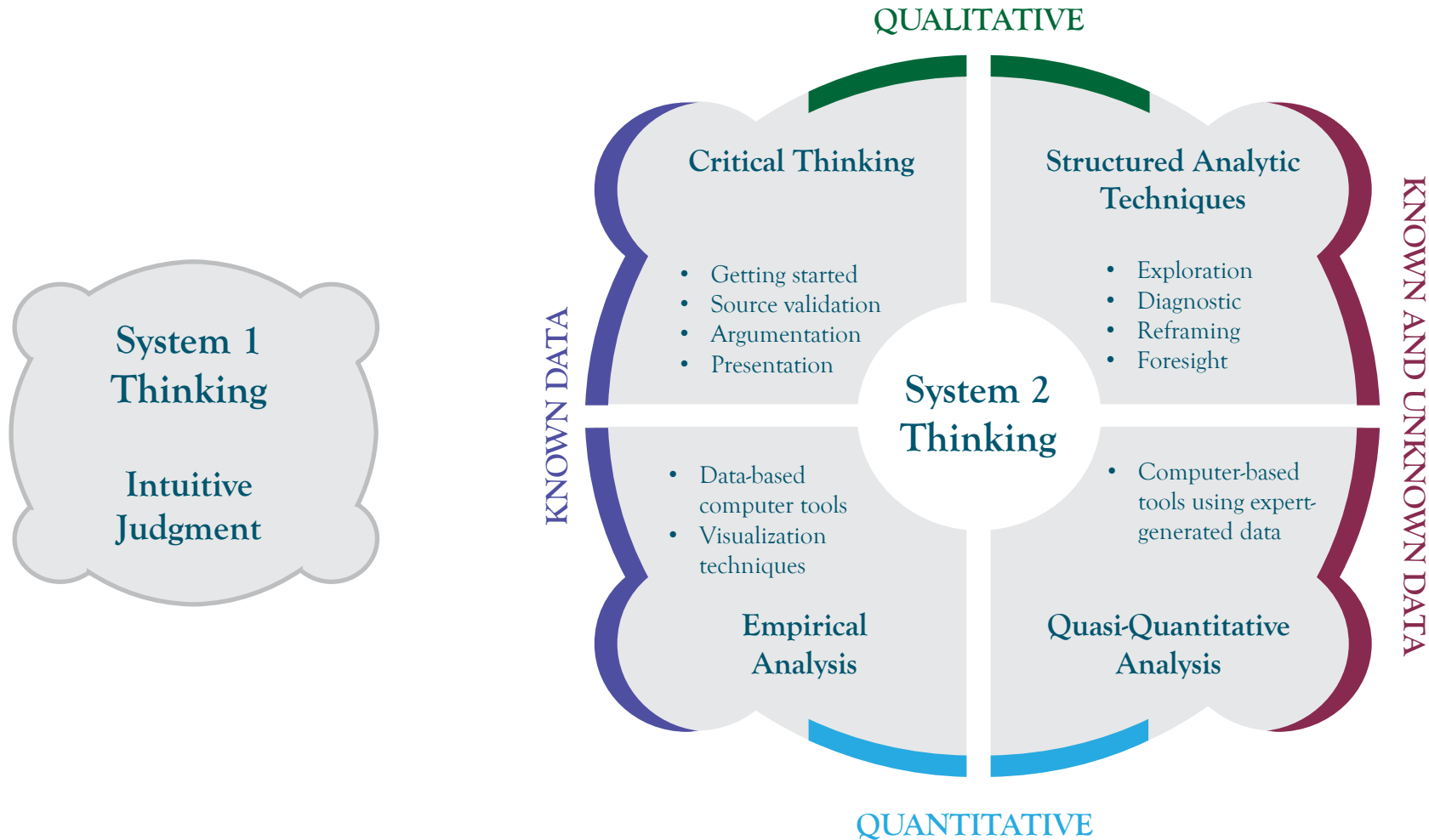
REASONING: Daniel Kahneman -- *Are we **thinking fast and slow**?*

- How can we make the best use of **System 1 intuitive thinking** for efficiency and **System 2 deliberate reasoning** to mitigate bias and avoid errors?





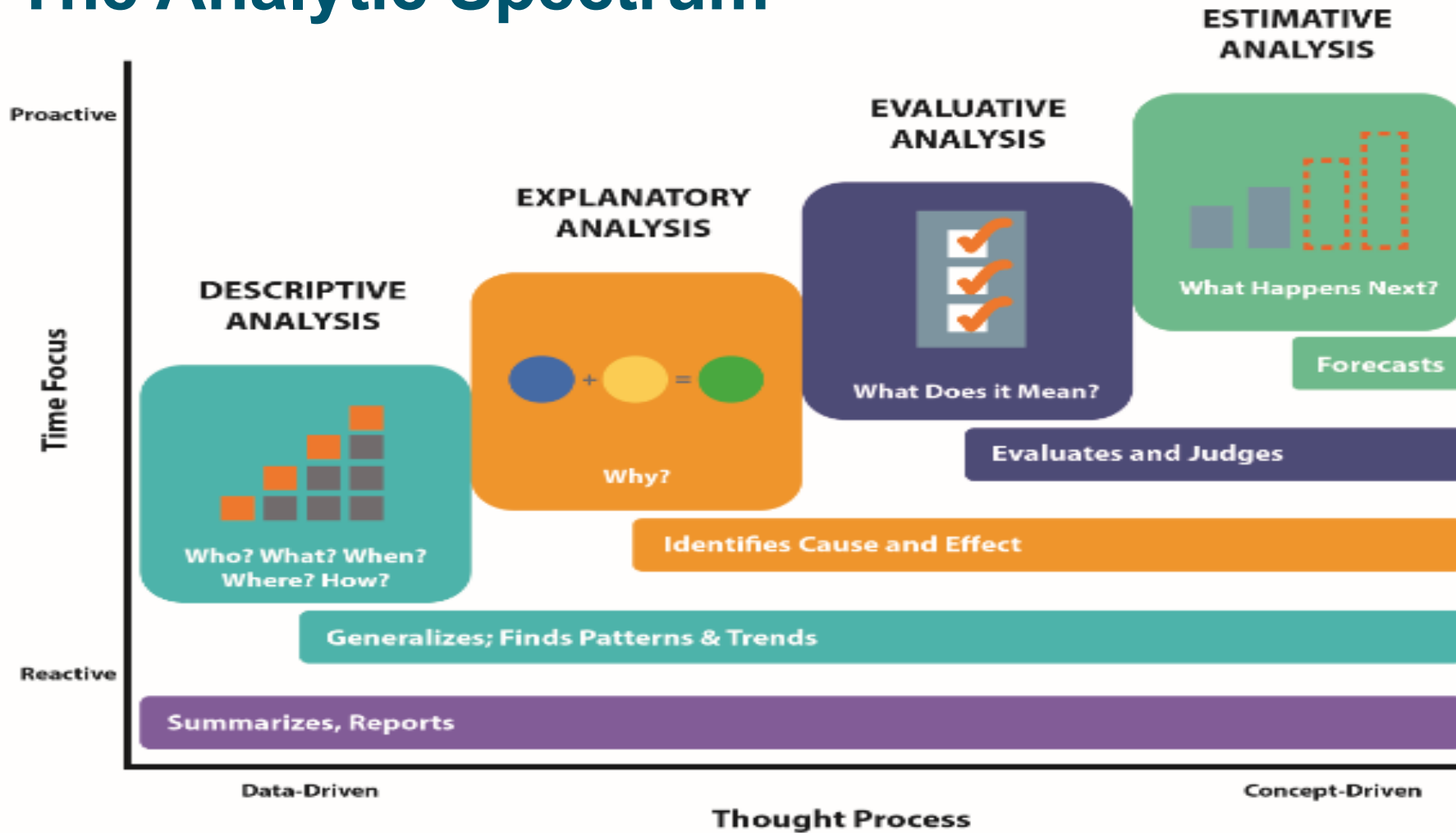
Types of Analytic Approaches



Source: Pherson, Katherine Hibbs and Randolph Pherson. *Critical Thinking for Strategic Intelligence*, 3rd edition, Thousand Oaks, CA: Sage Press, 2021.



The Analytic Spectrum



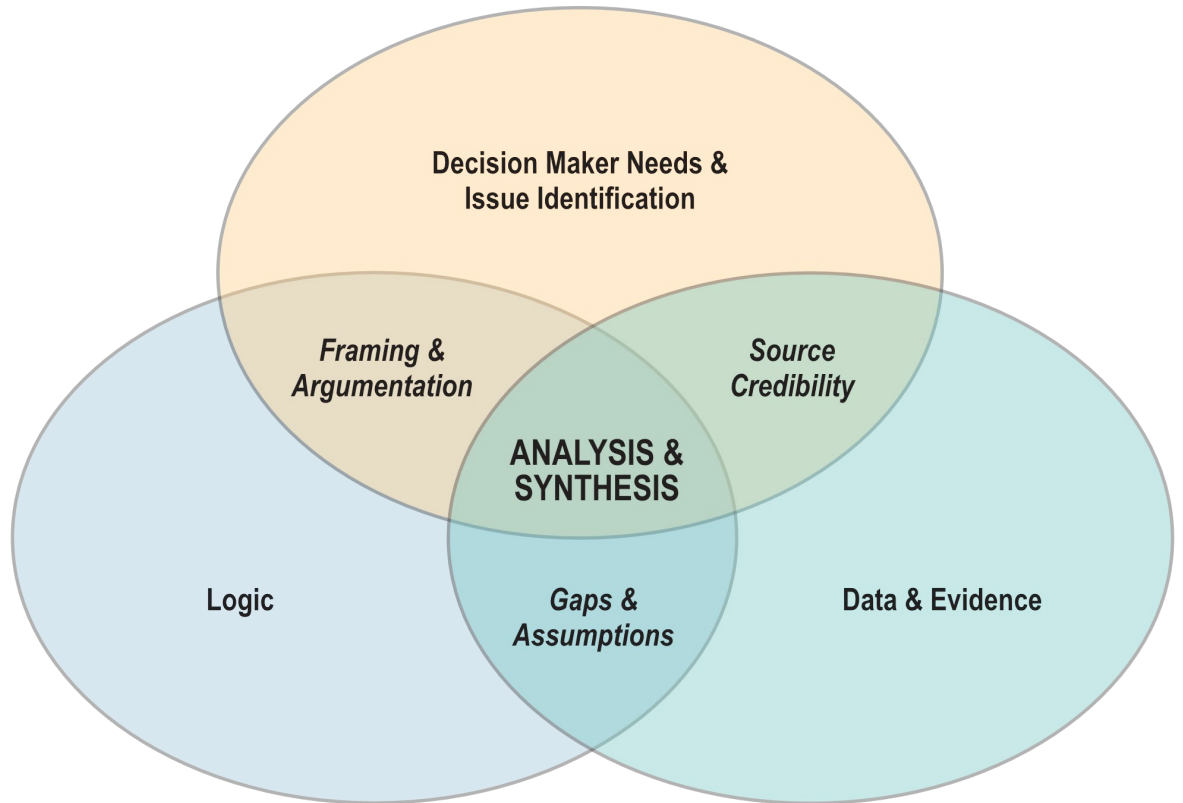
Source: Pherson, Katherine Hibbs and Randolph Pherson. *Critical Thinking for Strategic Intelligence*, 3rd edition, Thousand Oaks, CA: Sage Press, 2021.



How is Critical Thinking Defined?

Differing Definitions Can Guide Your Thinking

- Mental activity that is clear, precise, and purposeful.
- An ability to evaluate information and opinions in a systematic, purposeful, and efficient manner.
- The **adaptation of the processes and values of scientific inquiry** to the special circumstances of a world that is not scientific.



Source: Pherson, Katherine Hibbs and Randolph Pherson. *Critical Thinking for Strategic Intelligence*, 3rd edition, Thousand Oaks, CA: Sage Press, 2021.

The Eight Step Critical Thinking Process



Ask the right **questions**



Identify one's **assumptions**



Reach out to **other sources**



Evaluate the **data** for accuracy, relevance and completeness



Assess the data and form **hypotheses**



Evaluate the hypotheses;
look for **conflicting data**



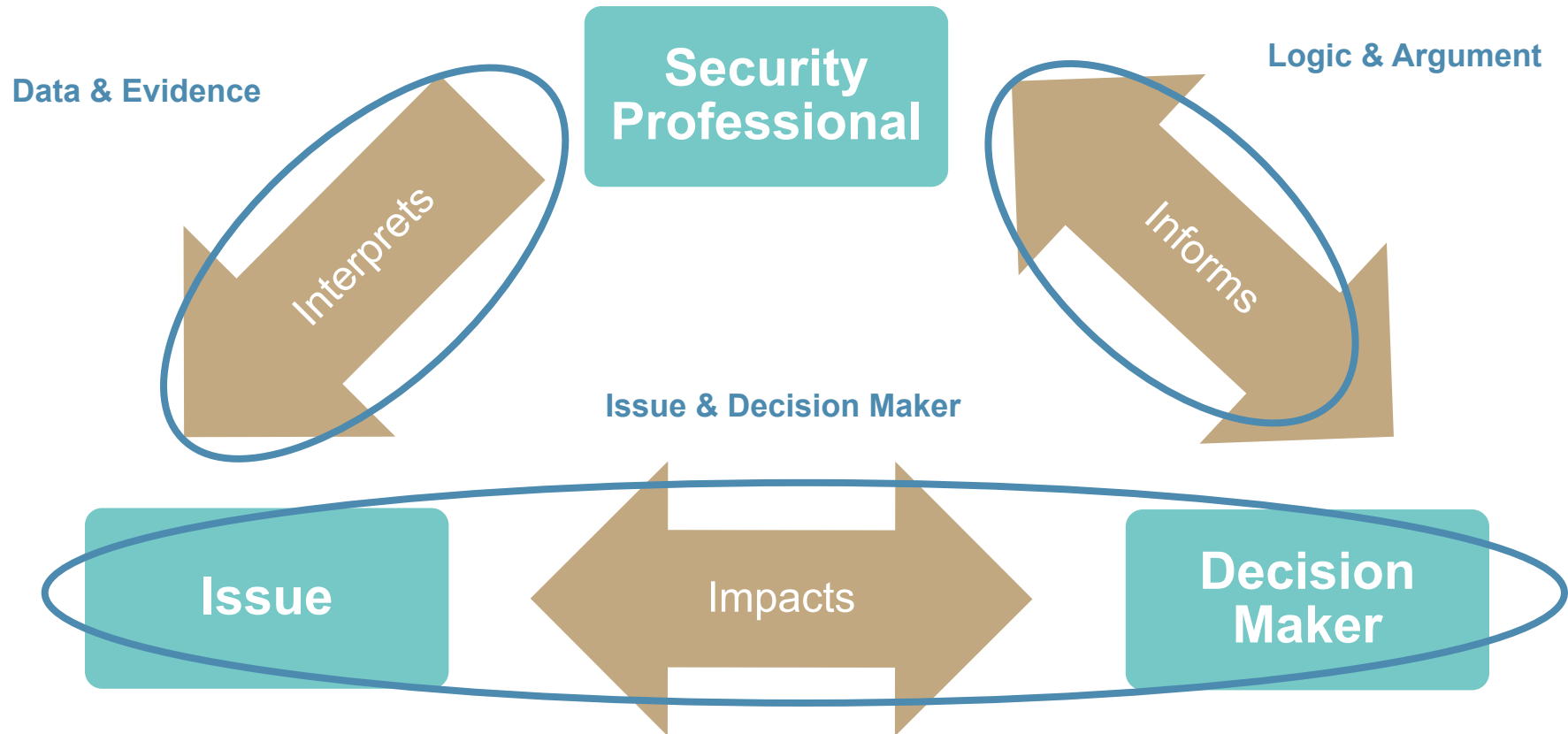
Draw **conclusions**



Present your **findings**



How Critical Thinking Fits into a Security Professional's Operating Environment



Source: Pherson, Katherine Hibbs and Randolph Pherson. *Critical Thinking for Strategic Intelligence*, 3rd edition, Thousand Oaks, CA: Sage Press, 2021.



Essential Tradecraft Skills

- Mitigating Biases and Intuitive Traps
- Developing Conceptual Models
- Understanding Probability
- Questioning Misinformation and Flawed Argumentation

1. Mitigating Biases and Intuitive Traps

What is Cognitive Bias?

- Mental errors caused by our simplified information processing strategies
- Inherent thinking errors that people make in processing information

How you perceive data is strongly influenced by your:

- Past experiences
- Education
- Religion
- Nationality and cultural values
- Role requirements as a recipient of data



Cognitive biases prevent us from accurately understanding reality even when all the needed data and evidence that would form an accurate view is at hand.



Cognitive Biases

KEY CHARACTERISTICS

Quick to form



Highly resistant
to change

Information is made to
fit into an existing
conceptual framework



We don't see new
patterns emerging

Initial, incorrect perceptions
persist even after better
information is available



We ignore or dismiss
outlier data as noise



Misapplied Heuristics

Thinking Shortcuts Can Sometimes Cause Trouble!

Definition: Experience-based techniques or “rules of thumb” that can give a solution not guaranteed to be optimal

- The objective of a heuristic is to quickly produce a solution that is good enough to solve the problem at hand
- We can err by over-relying on or misapplying heuristics

These errors remain compelling even when one is fully aware of their nature. Awareness of the bias, by itself, does not produce a more accurate perception.

-- Richards J. Heuer Jr.

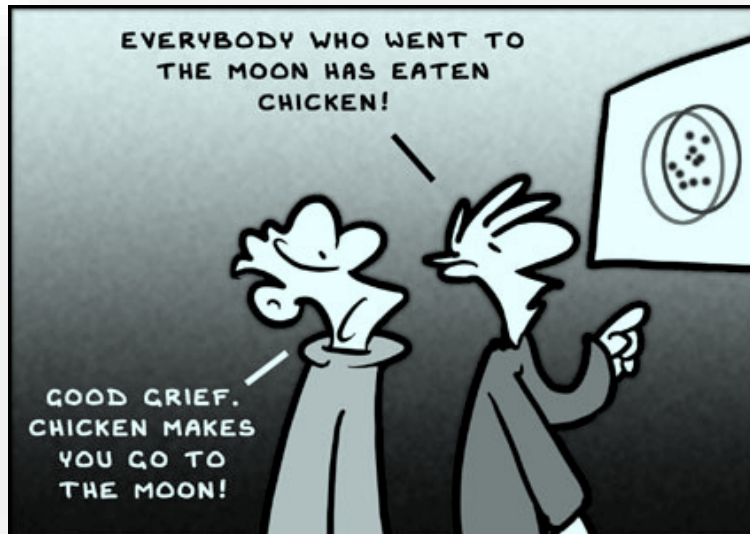
Inappropriately Used Heuristics

- Anchoring Effect
- Associative Memory
- Availability Heuristic
- Desire for Coherence and Uncertainty Reduction
- Groupthink
- Mental Shotgun
- Premature Closure
- Satisficing

Intuitive Traps

A New Category of Potential Pitfalls

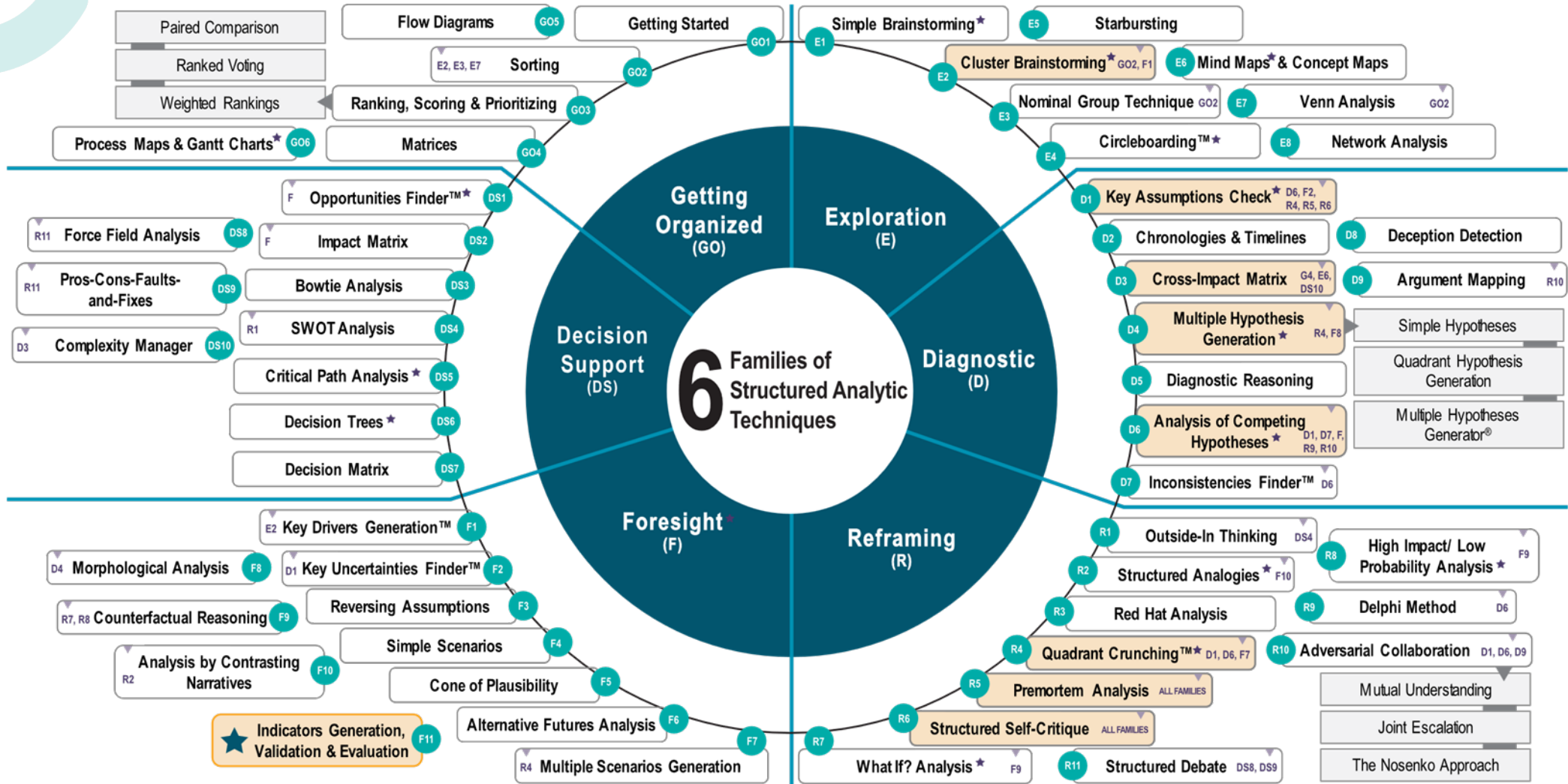
- Intuitive Traps are thinking errors that are manifestations of commonly recognized cognitive biases
- We often fall victim to these as we go about our daily lives, both personally and professionally
- Academics and theorists strenuously take steps to avoid these through systematic methods and peer reviews



Most Common Intuitive Traps

- Favoring Firsthand Information
- Ignoring Inconsistent Evidence
- Ignoring the Absence of Information
- Projecting Past Experience
- Presuming Patterns
- Lacking Sufficient “Bins”
- Over-interpreting Small Samples
- Confusing Correlation with Causality
- Expecting Marginal Change

Taxonomy of Structured Analytic Techniques





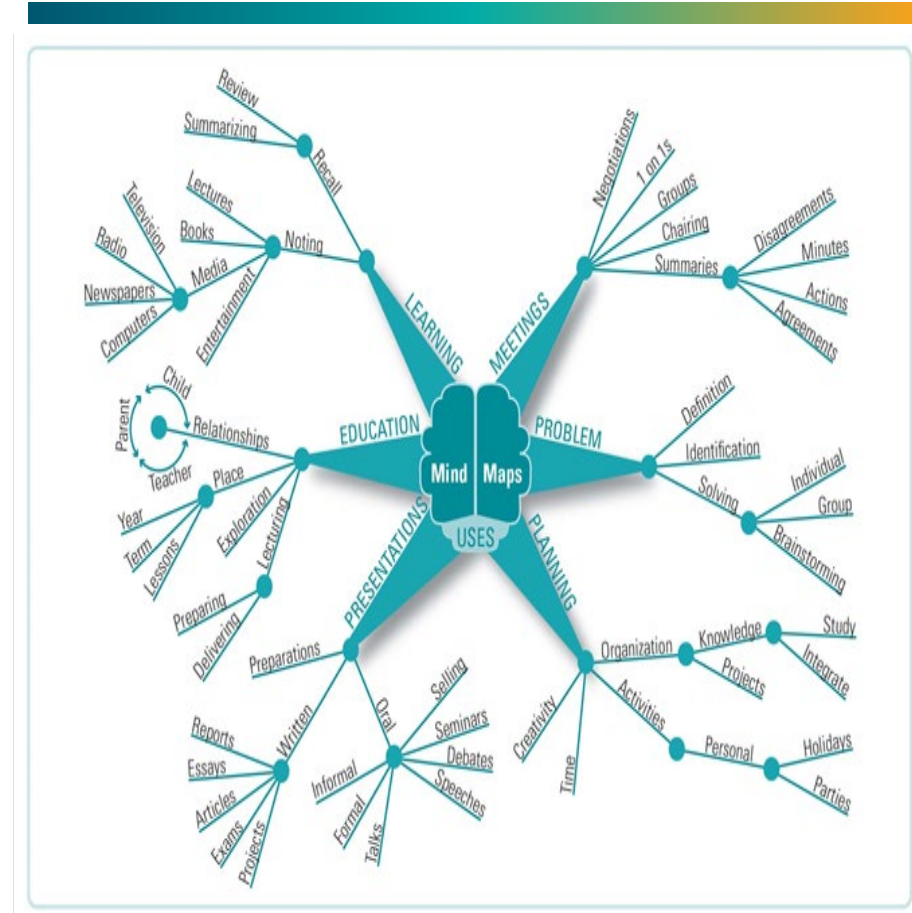
Use SATs for Strategy and Action

Structured Thinking enables awareness by avoiding Misapplied Heuristics and Intuitive Traps

- Provides some distance from your own intuitive reactions with **System 2 thinking**
- Facilitates **explicit identification of your personal perspectives**, separating your opinions and assumptions from the observables and facts at hand
- Forces you to consider **multiple possibilities** and explanations for what might be unknown or unfamiliar, including a “bin” for options you have not generated
- Enables you to think in terms of **axes and combinations of variables**
- **Minimizes errors** in judgment or action
- Promotes **transparency** and therefore **collaboration**
- Guides you with **steps and processes** when you might not be certain how to proceed

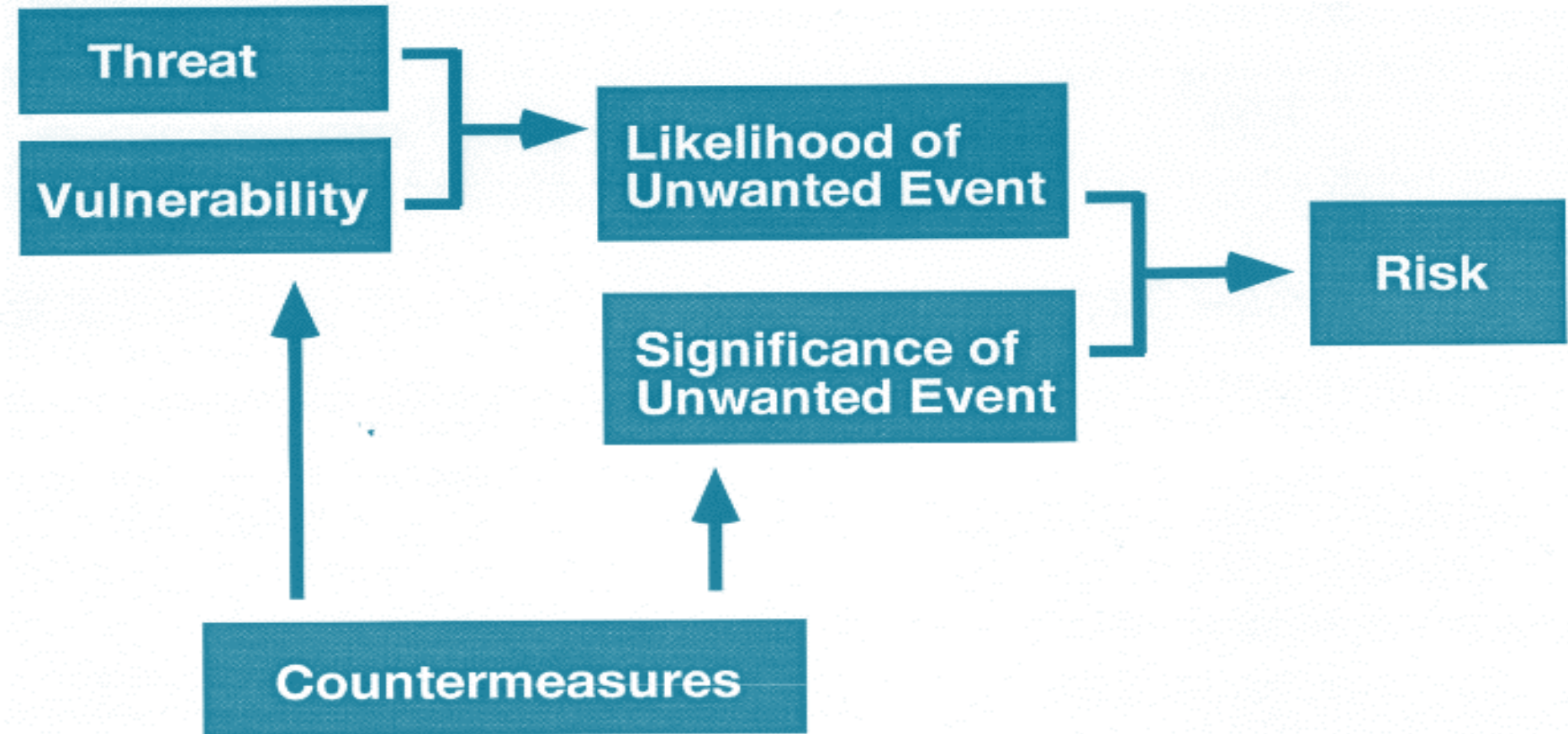
2. Leveraging Your Unconscious Framing Capability to Create Deliberate Models

- Define your problem or question using triggering aids such as the **5Ws and an H** and **STEMPLES+** to energize your **Brainstorming**
- Identify the **component parts** of your issue—this is the very definition of analysis—and make them as **Mutually Exclusive and Comprehensively Exhaustive (MECE)** as possible
- Examine your **assumptions**
- What are the **relationships and patterns** among the actors and factors? Which are **dynamic and changing**?
- Are there historical or substantive **analogies**? What are the **similarities or differences**?
- Can you **draw** your model or use a Mindmapping application?



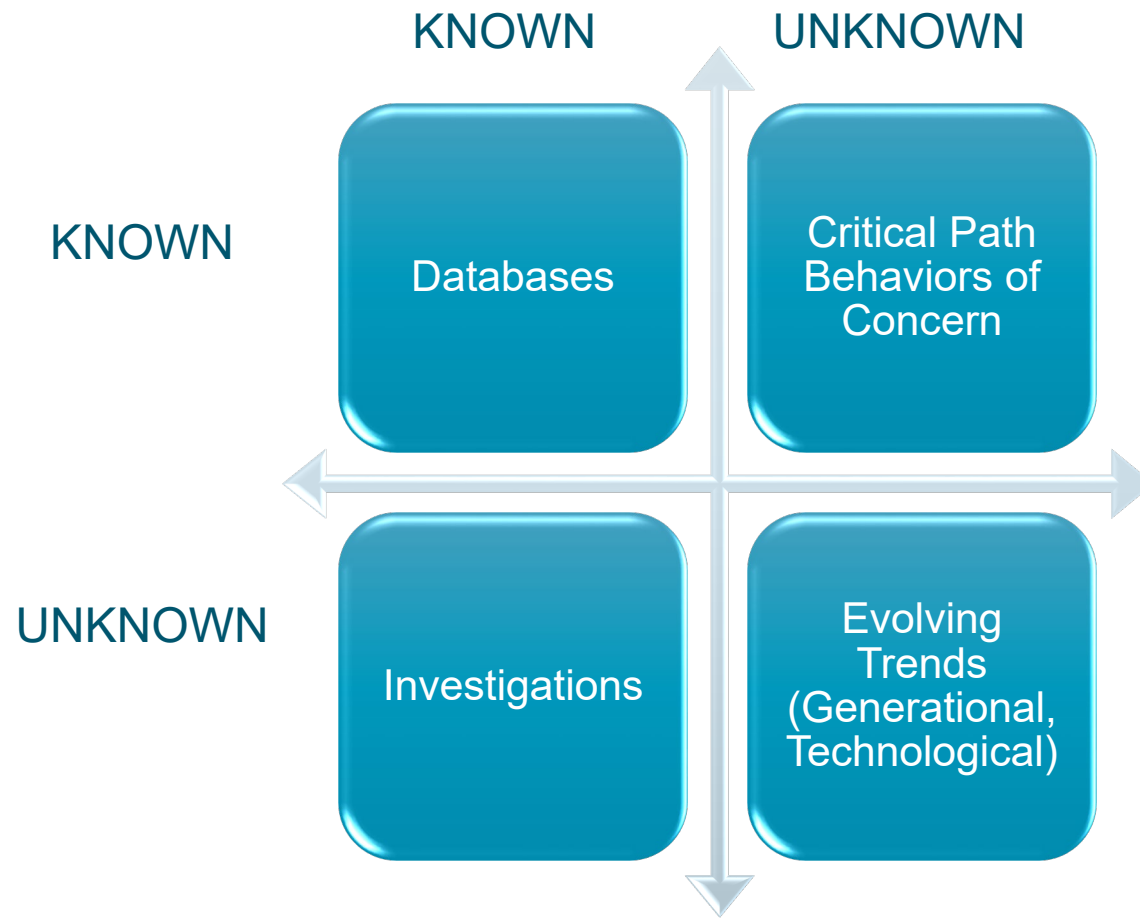


A Risk Management Model

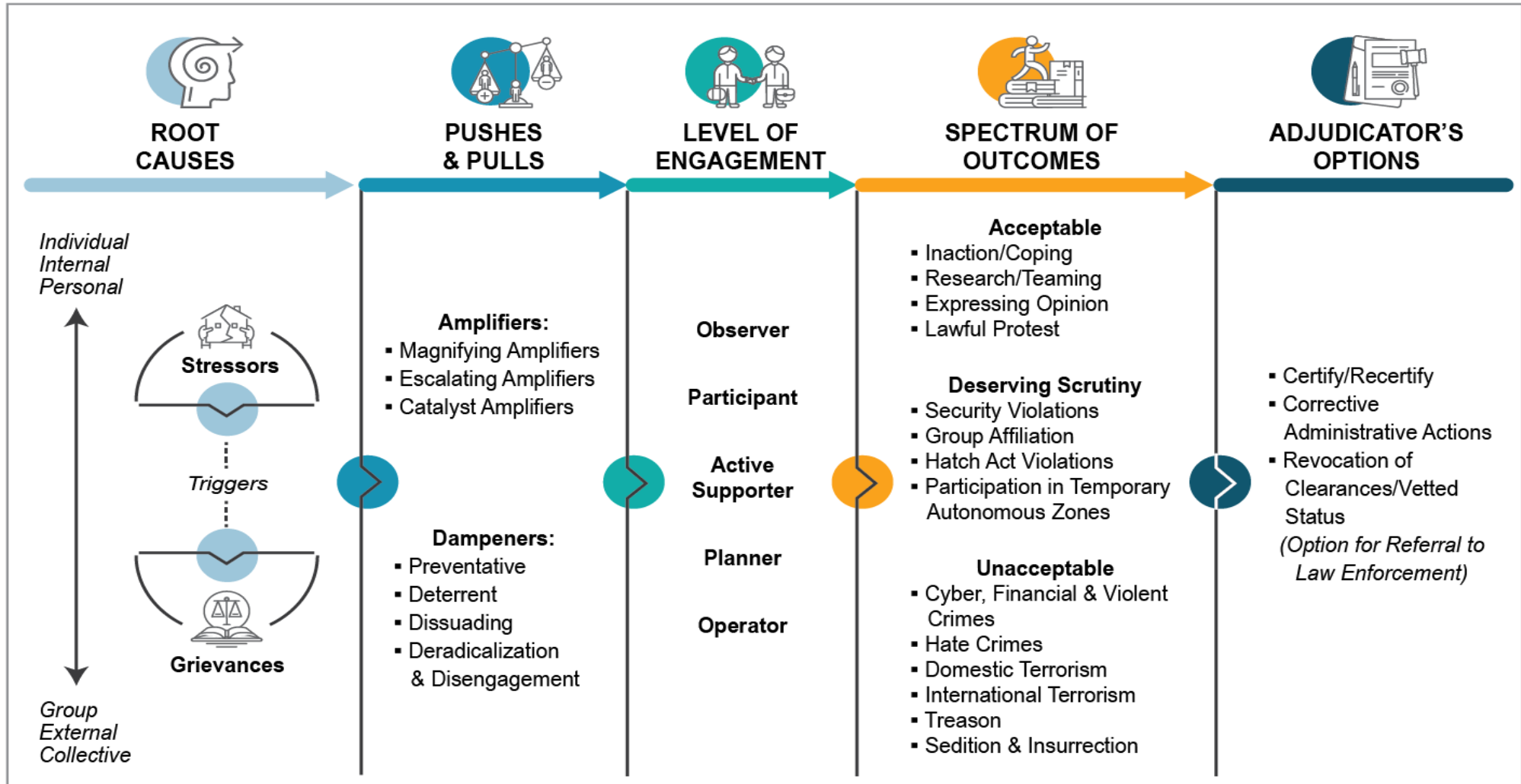




Categories of Personnel Vetting Information



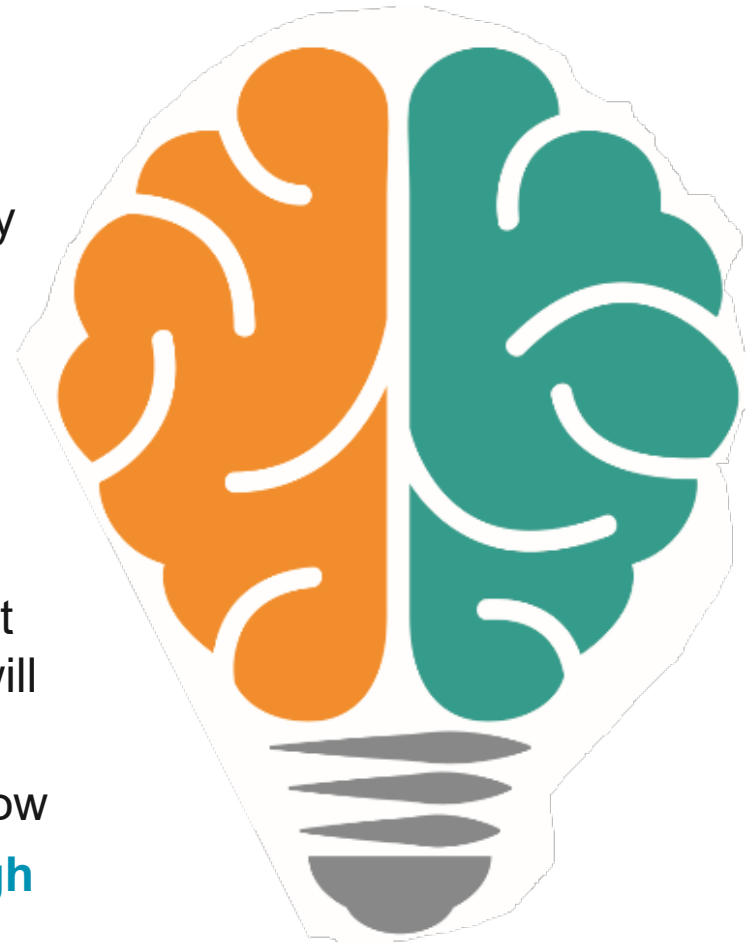
Outside-In Personnel Vetting Model



3. Understanding Probability

Humans Reason Poorly about Probability

- Intuitive and Complex Thinking are in different parts of the brain.
- **Intuition** is adept at matching and recognizing **patterns** but is quickly overwhelmed by uncertainty that requires assessing events in the context of all possible alternatives.
 - It falls back on **biased information** of what it already knows vs. what is really there.
 - **Vivid or incidental data** overrides crucial or knowable fact.
- **Probability** helps us calibrate our thinking about the unknown to best represent the world as it is and deal with the fact that our decisions will not always be right over the long term. It does this by:
 - Using **numeric values** to simulate order and what we do not know
 - Assuming we can discover regularity if we collate a **large enough sample of events over a long enough period of time.**
 - Helping **anticipate** outliers






Common Traps in Expressing Probability

1. **Probabilistic Language** (likely, probably, we doubt)
 - Readers often interpret such language very differently
2. **Percentages** (1-100%)
 - Numbers usually imply a false sense of precision
3. **Percentage Range** (20-40%)
 - Analyst needs to establish reason for upper and lower limits
4. **Gamblers Scale** (1 in 3 chance)
 - Odds are effective in conveying risk to decisionmakers
5. **Defined Scale** (published spectrum for all products)
 - Readers must know the scale

Follow whatever approach you use with “**because**”!

“We believe X is **highly likely** to occur **because** two necessary conditions are present, and a key driver is gaining strength.”

| Kesselman List of Estimative Words | | |
|------------------------------------|--------|--|
| Certainty 100% | | |
| Almost Certain | 86-99% |  Likelihood |
| Highly Likely | 71-85% | |
| Likely | 56-70% | |
| Chances a Little Better [or Less] | 46-55% | |
| Unlikely | 31-45% | |
| Highly Unlikely | 16-30% | |
| Remote | 1-15% | |
| Impossibility 0% | | |

Source: Rachel F. Kesselman, “Verbal Probability Expressions in NIEs,” (master’s thesis, Mercyhurst College, 2008).



Strategies that Enable Probability

1. Consciously employing **Structured Analytic Techniques** to mitigate cognitive weaknesses
 - Key Assumptions Check
 - Inconsistencies Finder™
 - Outside-In Thinking
 - Premortem Analysis
 - Red Hat Analysis
2. Incorporating **probability principles** into thinking processes
 - Law of Addition
 - Law of Multiplication
 - Multiple Factors
3. Practice **Calibration**
4. Establish **Base Rates** and monitor change

“Probability is not about the odds, but about the belief in the existence of an alternative outcome, cause, or motive.”

-- Nassim Nicholas Taleb
Fooled by Randomness (2005)



4. Questioning Misinformation and Flawed Argumentation

Logical fallacies involve a faulty relationship between an argument's claim and its supporting facts or logic

- **Circular Argument (Tautology):** The claim or conclusion is part of the supporting argument
- **Inadequate Sampling:** The sample used as a measure is too small
- **Hasty Generalization:** General claims based on insufficient or unrepresentative evidence
- **False Analogy:** Argument supported with evidence that is not similar
- **False Dichotomy:** Set of possibilities is reduced to only two, misrepresenting the complexity
- **Non Sequitur:** Conclusion does not follow the premise
- **Post Hoc, Ergo Propter Hoc (“after this because of this”):** If one event preceded another, it much have caused the subsequent event to occur
- **Slippery Slope:** Relates first and last steps when intervening ones have not occurred
- **Distraction (Red Herring):** Brings irrelevant points to distract attention from the issue being argued
- **Ad Hominem Argument:** Targets the person making the argument rather than the argument
- **Appeal to Authority:** The opinion of a recognized expert is automatically seen as valid



Constructing Logical Arguments

Argument: A set of statements—one of which is the conclusion or claim—that are supported logically by other statements

- **Claim:** The assertion or point you are making
 - Based on reasonable evidence
 - Connected to observable facts
 - Characterized by clear, traceable, and fair thinking.
- **Reason:** How the evidence relates to the claim
- **Evidence:** Facts, data, and observations that support your reasons and claim
- **Assumption:** A belief that guides an analyst's interpretation of the evidence and underpins the reasoning and logic behind the argument



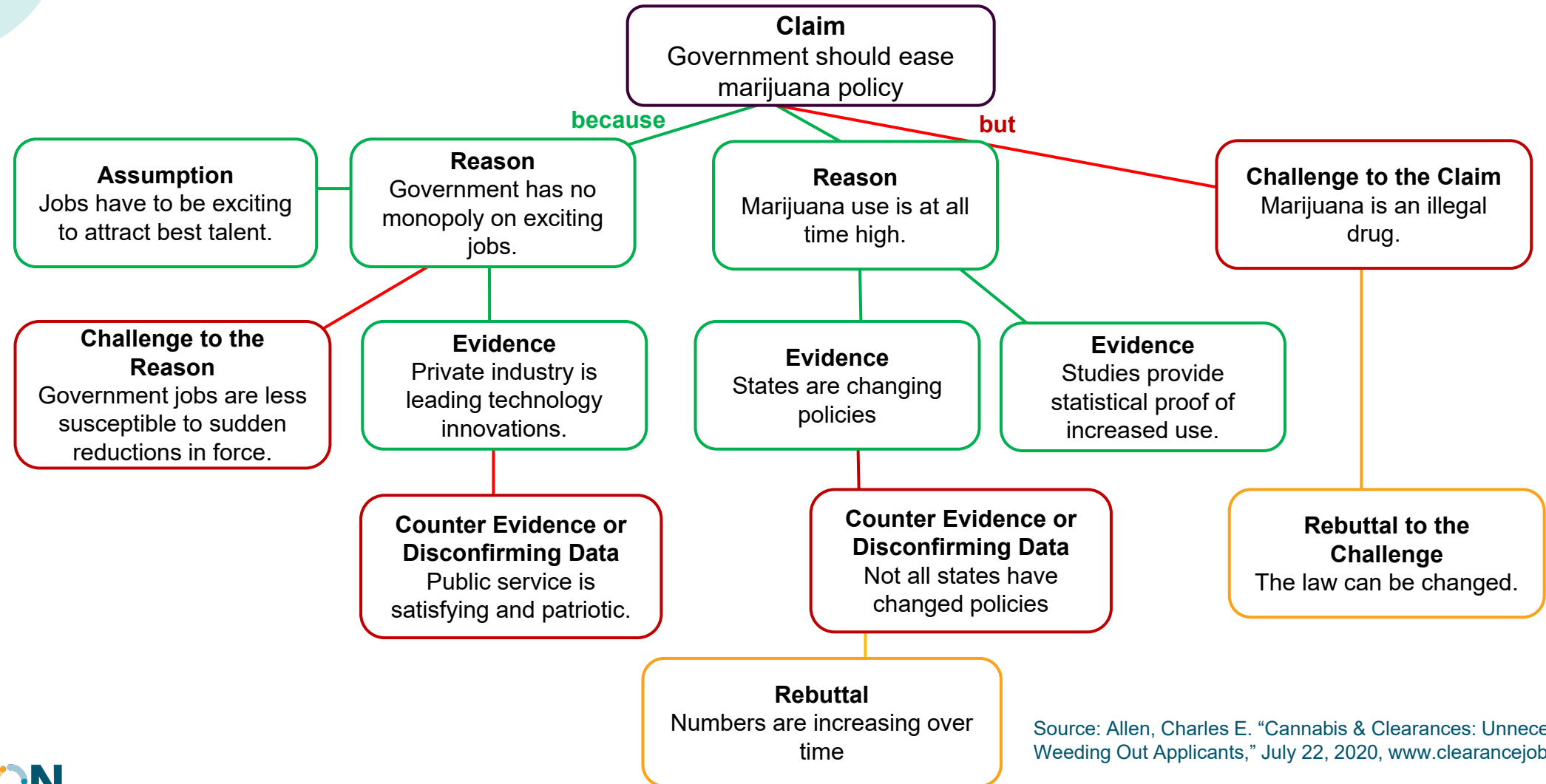
Building A Solid Analytic Argument

A good argument accounts in its reasoning for other views and differences

- Identify other lines of reasoning or **Alternative Hypotheses**
- Formulate an explanation – **Rebuttal** – why your argument with its claims, reasons, and evidence is stronger
- Revisit your claim, reasons, evidence, and assumptions, including alternate views or interpretations and, if possible, **indicators** of both your views and those of others
- Remove **emotionally laden terms** from your arguments and disregard them when evaluating those of others



Simplified Argument Map on Marijuana Policy

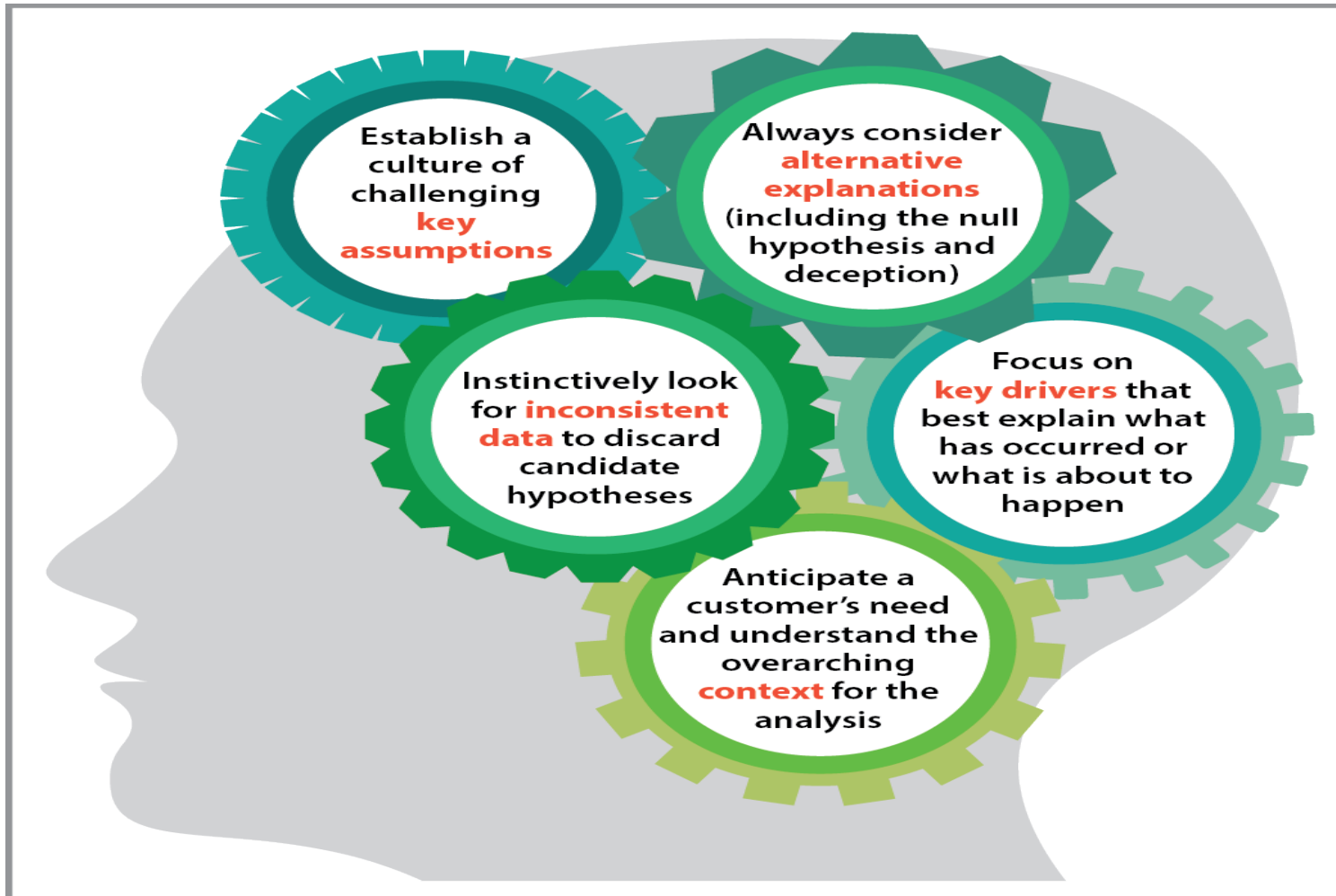


Source: Allen, Charles E. "Cannabis & Clearances: Unnecessarily Weeding Out Applicants," July 22, 2020, www.clearancejobs.com.



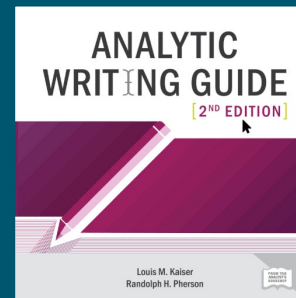
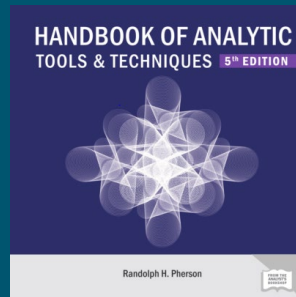
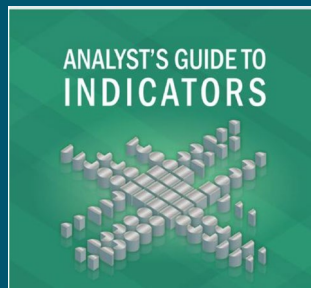
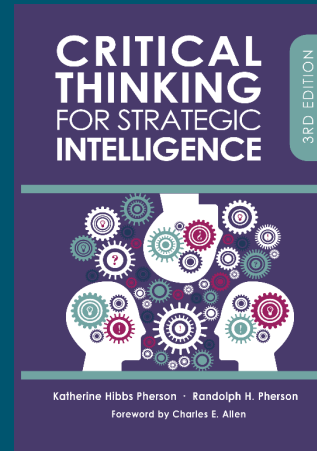
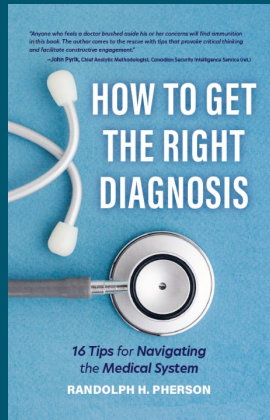
The Five Habits of the Master Thinker

Five Habits of the Master Thinker



Source: Pherson, Randolph H., "Five Habits of the Master Thinker," Journal of Strategic Security, Vol. 6, No. 3, Fall 2013.

Thank You!



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PHERSON

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Clear Thinking. Inspired Leadership. Lasting Impact.

37

BREAK



BREAK TIME
Please rejoin us at 11:30 a.m. ET

AUDIENCE POLL QUESTION #2



According to one industry threat report, what percentage of organizations experienced a successful email-based phishing attack in 2021?

- a. 17%
- b. 49%
- c. 62%
- d. 83%





The Psychology of Phishing



Ray Letteer

Deputy Director, Risk Management & Operational Integration
Directorate, Department of Defense, Chief Information Officer,
Cybersecurity

Background



- **Threat:** a circumstance or event with **potential to cause harm** to an information system in the form of **destruction, disclosure, and adverse modification of data and/or denial of service**.
 - **Natural/Environmental**, such as lightening, fire, hurricanes, tornadoes, or floods; poor building wiring or insufficient cooling for the systems
 - **Human**
 - **Unintentional**, such as human accident, bad habit, carelessness, or misinformation
 - **Intentional**, such as a human insider or outsider - a spy, hacker, criminal, cooperate raider, or disgruntled employee.
 - **Internal/External**
 - Attack vector is from either the inside or outside of the workforce and environment
 - External actors often take advantage of insiders' mistakes, so an insider threat is frequently **the first part** of an outside attack.

From eavesdropping to mail tampering, criminals have always sought to **steal information** as a precursor to launching other exploits.

Situation: Genie out of the Bottle



Ransomware

Cyber Attacks

Information leaks from military, civilian, contractors and families affect mission readiness

**"Loose lips sink ships;
Loose tweets sink fleets"**

**Malicious/misguided efforts
by military/civilian
employees/contractors**

**Improper Handling of Personally
Identifiable
Information (PII)/Controlled
Unclassified Information (CUI)**

**Rogue Actors (Role
Players/Interpreters)**

Internet predators

*Classified
spillages/compromise*





- **Cyber:** Connections, Communications, and Cognizance
- **Phishing:** using a “lure,” a more-or-less authentic-looking email or other form of communication, to catch or trick an unsuspecting user
- **Spear Phishing:** targeted to select group of people or a single individual
- **Whaling:** targeted at Senior Executives, CEOs, and other high-profile targets
- **Smishing:** derives from “SMS phishing.” Involves a deceptive text message rather than email.
- **Vishing:** short for "voice phishing," is when someone uses the phone to try to steal information.
- **Pharming:** a blend of “farming” and “phishing,” is when a victim gets malicious code installed on their computer, which sends the victim to a fake website designed to gather their login credentials.
- **Social Media Phishing:** attack executed through platforms like Instagram, LinkedIn, Facebook, or Twitter. The purpose of such an attack is to steal personal data or gain control of your social media account.

A **modern** twist to any number of age-old plays to **trick people** into **giving up information** that can be used against them.

Understanding Phishing



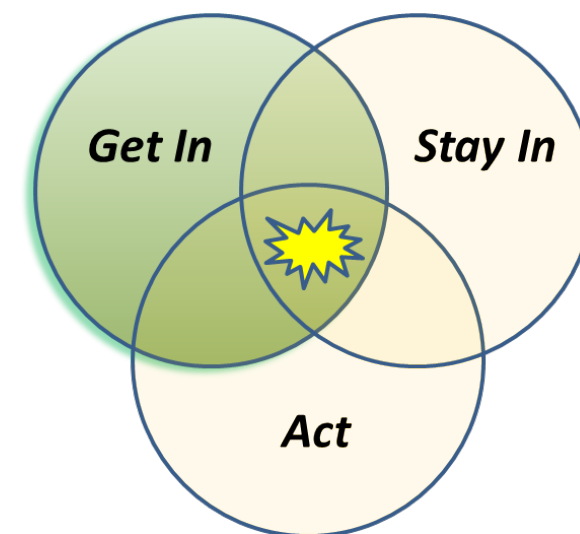
- **Phishing** first used in 1996 to mean “...a scam by which an internet user is duped into revealing personal or confidential information which the scammer can use illicitly.” The scammer can be **external** or **internal**.
 - Phishing is **deception through Cyber**.
 - Phishing emails use **emotional tactics** to get us to bypass logic—and **click the link**.
- Daniel Kahneman’s model of two systems of thinking for humans.
 - **System 1** is fast, intuitive, and emotional...”automatic mode.”
 - **System 2**, on the other hand, is slow and deliberate.
 - By appealing to our biases and emotions, **phishing tries to get us to stay in automatic mode: System 1**
- **External** actors often take advantage of **insiders'** mistakes, so an **insider threat** is frequently the **first part of an outside attack**.

Phishing emails frequently **manipulate** via mental shortcuts, also known as **heuristics**. Psychologist Robert Cialdini has identified seven “psychological principles of influence”: authority, commitment, liking, perceptual contrast, reciprocity, scarcity, and social proof.

Strategy of the attack



- Attack components
 - **Obedience**: perceived Authority source, e.g., the Milgram experiment
 - **Urgency**: need to respond quickly, default to known or predictable pattern, e.g., System 1; make a decision under pressure
 - **Curiosity**: topic is of interest, e.g., “mistaken payroll email.”
- Adversary Objectives
 - **Get In**: Penetrate our networks
 - **Stay In**: Maintain a persistent presence
 - **Act**: Perform some form of attack (disrupt, deny, degrade, or destroy) or exploitation (data modification/exfiltration) based upon the **intent** of the adversary



By appealing to **biases and emotions**, phishing tries to get us to **stay in automatic mode**, aka System 1. Phishers want users to **make fast decisions, not a thoughtful ones**.

Way Ahead



- Many efforts to combat phishing involve deploying **technology-based** solutions and strategies; however, we need to understand **why** people fall for phishing and **how** to protect them from being duped.
- Interventions and anti-phishing solutions should **move from a one-size-fits-all** to a more **targeted approach**.
 - Training should be targeted to the **specific demographic**, to provide what is specifically need to know, then tied to **independent** assessments.
 - **Social Media** vectors should be included in training and awareness; “**evil twins.**”
 - Subsequent Red Team and Phishing assessments must have a **specific set of expected metrics** in mind to evaluate. Reduce the “gotcha” syndrome.
- Technology advances must be used, e.g., Zero Trust framework, to aid in reducing unverified accesses. However, in addition to technology, tap into the **expertise of psychology**, since the target is always the **human**.

While **technology** adapts and shifts quickly and frequently, **humans** don't

Usual reminders...



- For Government users, always **digitally sign** emails. Looks for the digital signature when receiving Government email.
- Have email sent and read in **Plain Text**. Rich Text Format (RTF) and HyperText Markup Language (HTML) may make signature look “fancy,” but it hides the actual location of embedded hyper-links.
- Beware of emails or texts with “cut URLs”
- Beware of emails which ask for an urgent request or promise a reward for performing an action, even if it **appears legitimate** and from a **known address**. Approach it with **caution** and properly **vet the sender** before responding to it.
- It’s human nature to **scan emails** when in “knee-jerk” **System 1 mode**. Counteract this tendency by prompting ourselves to **go into thoughtful, System 2 mode** with emails asking for important information (such as passwords or account numbers), request payments, or dangle freebies, especially downloads and say, “Wait a minute; let me double-check...”
- Beware of the “friends” and “social contacts” who reach out via **social media** with **no picture** or **inconsistent backgrounds**.

When in doubt...**don’t click the link!!!**

LUNCH BREAK



LUNCH BREAK TIME

Please rejoin us at 12:45 p.m. ET

BREAK



Play During Lunch Break

Insider Threat Resilience Video:

<https://www.dvidshub.net/video/811507/dcsa-cdse-insider-threat-awareness-resilience-psa>

AUDIENCE POLL QUESTION #3



Did you catch the Resilience video during the lunch break?

- a. No – I had to walk the dog
- b. No – too hungry!
- c. I wasn't paying attention
- d. Yes!



AUDIENCE POLL QUESTION #4



Mental Health includes which of the following?

- a. Emotional well-being
- b. Psychological well-being
- c. Social well-being
- d. All of the above



AUDIENCE POLL QUESTION #5



Does your organization have mental health resources available?

- a. No
- b. Maybe
- c. Yes, but I don't know much about them
- d. Yes, but I wish there were more
- e. Yes. I've utilized them





Mental Health Resources Panel Discussion



Dr. Kirk Kennedy
Clinical Psychologist, Peraton
Inc.

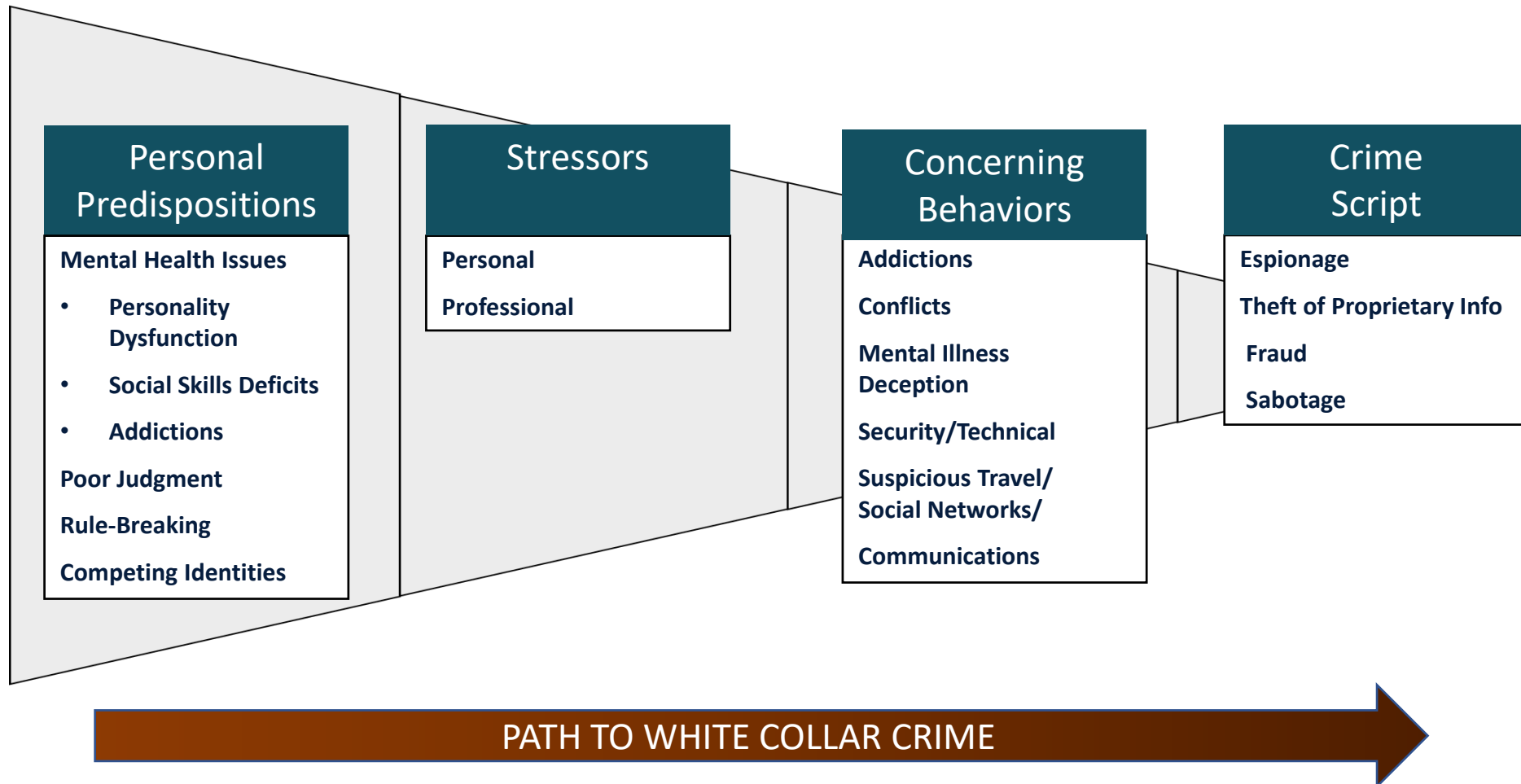


Dr. Lindsay Braden
Senior Behavioral
Advisor,
Defense Insider Threat
Management Analysis
Center

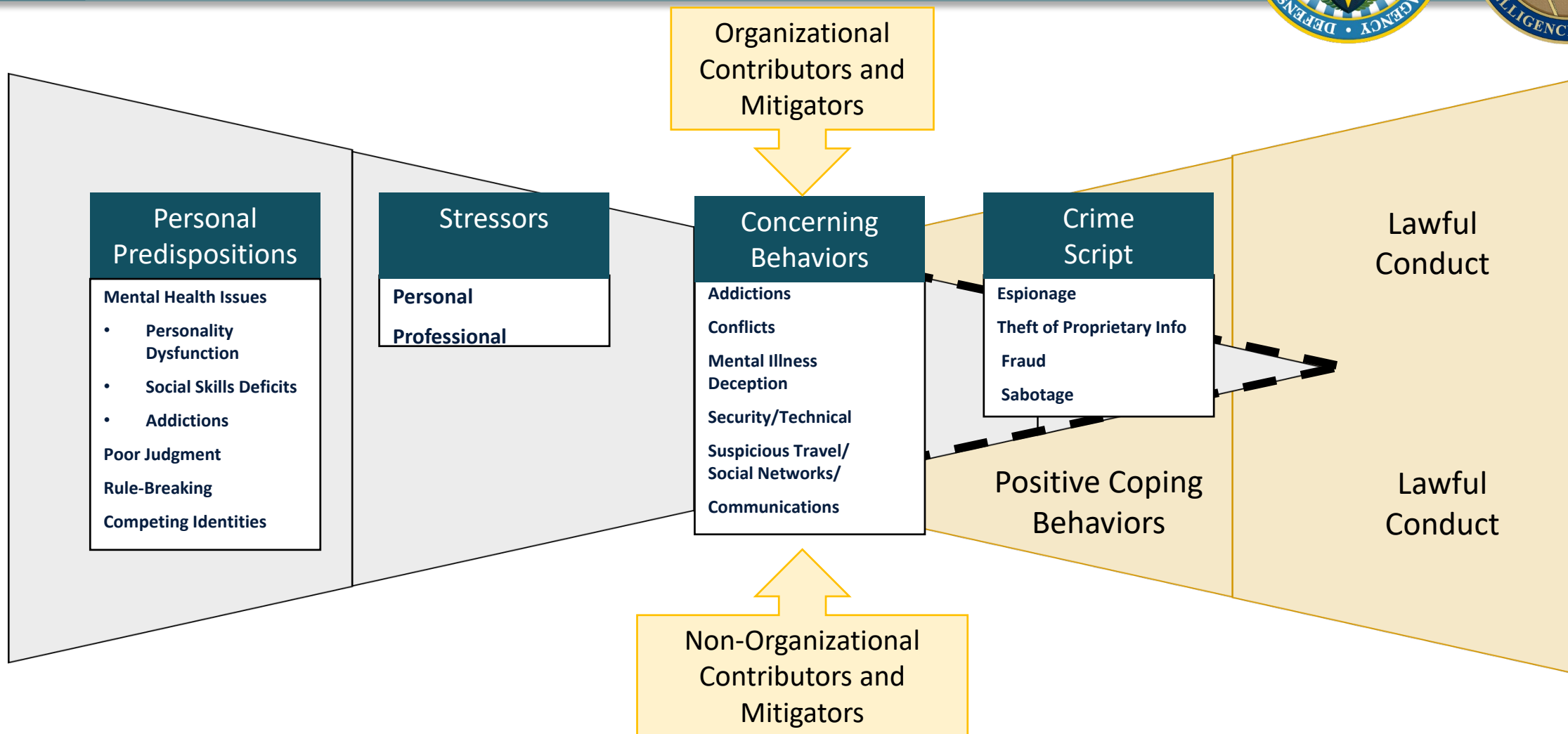


Michelle Aldana
Program Analyst,
Military Community
and Family Policy, DOD

CRITICAL PATHWAY



CRITICAL PATHWAY



BREAK



BREAK TIME
Please rejoin us at 2:00 p.m. ET



How Countering the Insider Threat Resulted in Good Mental Health



**Lieutenant Martin
"Marty" Thorp**

Threat Management Unit, Office of
Counter Insider Threat, National
Geospatial-Intelligence Agency



Betsy Smith

Division Chief, Case Control,
Office of Counter Insider Threat
National Geospatial-Intelligence
Agency



Video – NGA

We invite you to download and view NGA Video titled

“Show the Way”

located in the 2022 INT handout pod.

You may also view the video on YouTube at the below link:

<https://www.youtube.com/watch?v=VZz5HBALMqE>

Executive Order



- Presidential E.O. 13587 – establish an Insider Threat program
- Threat assessment w/in the intelligence community (IC)
 - Damage to facilities through sabotage
 - Protect against intelligence entities and attempts to breach Department of Defense (DoD) systems from both outside and potentially inside
 - Degradation of capabilities

Insider Threat Program w/in the IC and Dept of Defense



- Protect People
- Protect Facilities
- Protect Information Systems

How do you know what personnel are thinking?

Insider Threat and the TMU



Counter Insider Threat Office

- Deploys computerized activity monitoring to detect specific threats for violence

“Leakage”

Threat Management Unit (TMU)

- Focuses on:
 - the human threat
 - workplace violence
 - threats to self or others

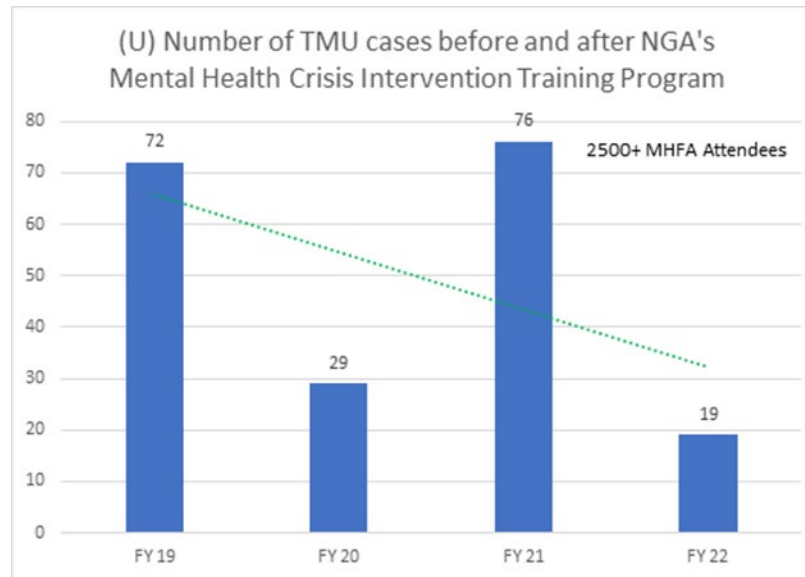
- You are accessing a US Government IS provided for USG-authorized use only. By using this IS, you consent to:
- USG routinely intercepts and monitors communications
 - At any time the USG may inspect and seize data stored on this IS
 - Communications using or data stored on this IS are not private and are subject to routine monitoring

*USG computers have login banner
Log into USG computer = consent to monitor*

Unexpected Consequence



Looking for a Spy, Found Mental Health Concerns



Now at 3000+

Now at 80 (Aug 22)

Why Mental Health Training ?



Because mental illness . . .

- Affects a person's thinking, emotional state and behavior
- Disrupts the person's ability to
 - Work
 - Carry out daily activities
 - Engage in satisfying relationships
- Response to employee's needs



Source: Mental Health First
Aid Instructor Manual
Revised 2015

Why Mental Health Training ?



Our jobs demand the workforce to be at their mental peak

- Depression, anxiety, and psychosis are present
- Stressful jobs
- Products delivered to high ranking policy makers and the war fighter
 - Bad intelligence can lead to loss of a soldier's life
 - An analyst suffering from a mental illness, even the most common such as depression or anxiety can lead to missed deadlines or a poor work product; their expertise is instrumental in what we do

American Adults with Mental Disorders Per Year



➤ Types of Mental Disorders

Type of Disorder - % Adults

Anxiety Disorder - 21.3%

Major Depressive Disorder - 7.1%

Substance Use Disorder – 7.6%

Bipolar – 1.8%

Schizophrenia (Psychosis) - .3%-06%

Eating Disorder - .05%-.44%

Any Mental Disorder – 18.5%

Who Can Benefit ?



- Useful for supervisors in helping identify an employee struggling with a mental health issue
- Useful for coworkers in helping identify someone struggling with a mental health issue
- Mental Health training became mandatory for all NGA police officers and Counter Insider Threat team members

NGA – A Microcosm of Society, but with Additional Stressors



- High number of NGA government, military and contract employees with military experience, many serving in combat zones
- Location: Worldwide
 - Other IC agencies, DoD facilities, U.S. Embassies, etc.
- Wounded Warrior Program – PTSD not unheard of

Who Can Benefit ?



- The Word Spread . . .
 - 3000+ trained
 - Outreach to CONUS and OCONUS personnel
 - Additional instructors – accommodating the increase

Benefit, Resiliency in the Workplace



Approximately 24% of the U.S. population experiences a mental health issue each year. If you can get ahead of the curve and teach personnel how to become self-aware in recognizing burgeoning mental health disorders in themselves or others and get professional help before the problem becomes significant, your organization and people are stronger and better prepared for potential threats

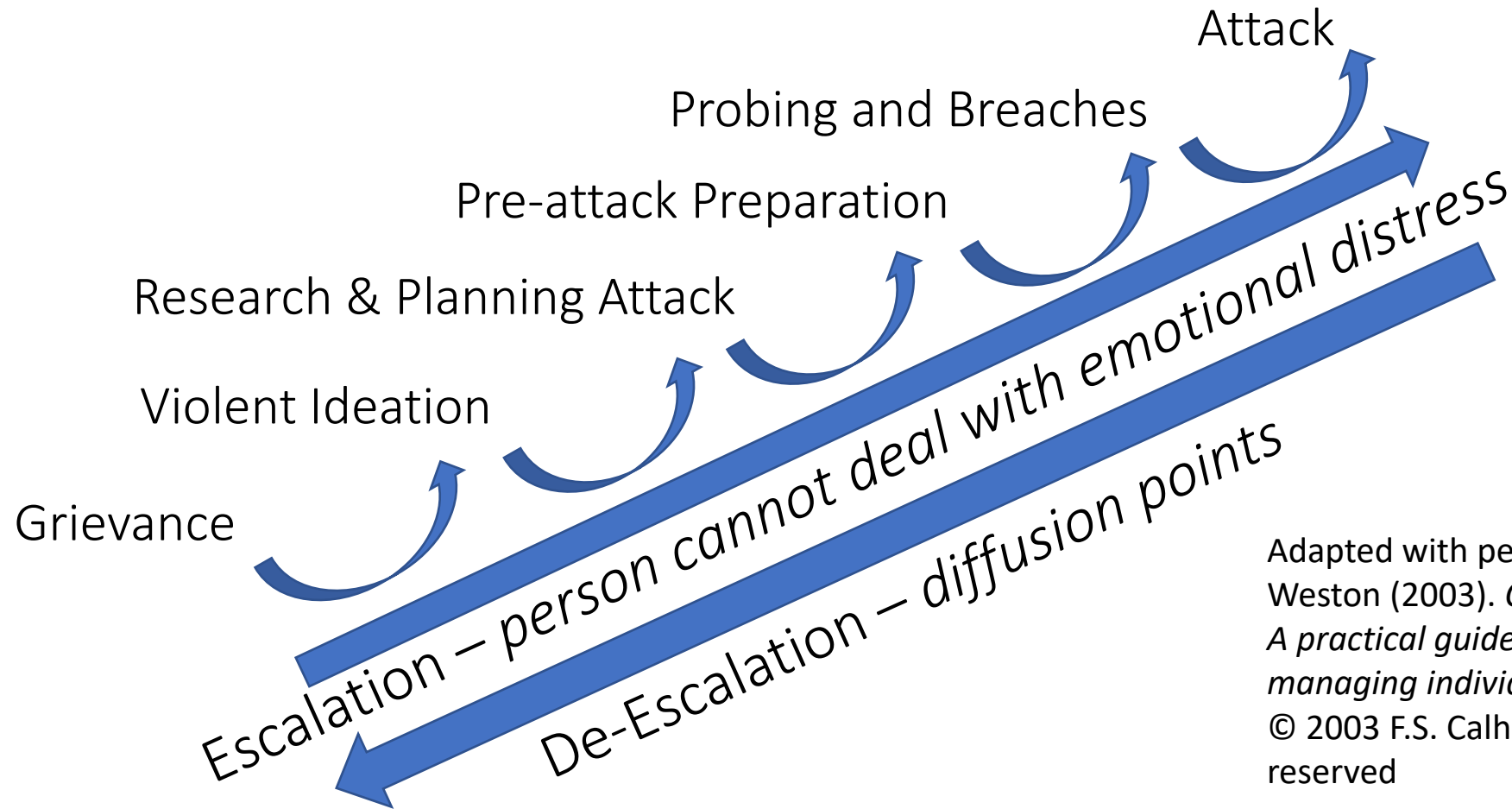
How Does This Help Your Organization ?



Early Recognition = Early Intervention = Early Recovery

The individual gets treatment before the illness can become more entrenched, which in the worst case scenario, can lead to suicide

Get Ahead of the Curve



Adapted with permission from F.S. Calhoun and S.W. Weston (2003). *Contemporary threat management: A practical guide for identifying, assessing and managing individuals of violent intent.*

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How Does This Help Your Insider Threat Program ?



- Destigmatize your program
 - class is viewed as enlightening and helpful
 - Threat Management ceases to be nebulous and scary
- When employees feel comfortable with you they are more likely to report suspicious behaviors or activities

Just because we teach mental health awareness does not mean we got out of the threat management business

How Does This Help Your Insider Threat Program ?



We have seen an increase in reporting of non-mental health referrals that can be directly related to teaching what to do in crisis during class – making the connect is important.

Good Mental Health is a Collaboration Within Your Organization



- Informed Business Partners
 - Working Groups: Force Protection, Leadership
 - Council Meetings: Supervisors, Instructors
 - Specialized Training/Mentoring
 - National Security Psychologists – Mental Health Status
 - Professional Development
 - Partnerships with Threat Assessment, Risk Assessment, Human Resources, Personnel Security, Inspector General, General Council

Good Mental Health is a Collaboration Outside Your Organization



➤ Informed Business Partners

- Assoc. of Threat Assessment Professionals (ATAP)
- Joint Analysis Center, St Louis
- St Louis County Police Academy
- Washington Council of Government (CoG) Joint Police Intelligence Committee
- National Council for Mental Wellbeing
- Law Enforcement, Crisis Intervention Training

Case Study 1: Possible Psychosis



- Loss of touch with reality
- *The most common complaint of an intelligence community officer experiencing a psychotic event . . .*

being followed by members of a foreign intelligence agency

Case Study 1: Possible Psychosis



- Employee staring at blank computer screen
 - Hears crackling
 - Sees files burning
 - “Can’t you see them? The flames?”
 - Work performance declining
 - Believes co-workers are hacking into computer
 - Behavioral change

does this sound familiar ?

Case Study 1: Possible Psychosis



- Female employee (28 years of service)
- Average work performer with declining performance
- Complained to supervisor co-workers were hacking into computer system, erasing her name from work and adding their names
- It's summertime and employee is wearing a knee length overcoat
- Started asking for money from co-workers for breakfast and lunch

Case Study 1: Possible Psychosis

TMU Interview



- Complaint originated by supervisor.
- TMU interviewed employee – employee could not offer explanation for odd behavior
- Believed co-workers were hacking into her computer system
- TMU recommended EAP, she agreed
- Employee met with EAP counselor who provided referrals
- No suicidal ideations or thoughts of harming others
- Employee returned to work

Case Study 1: Possible Psychosis

TMU Interview



- Three days later, supervisor notified TMU of change in behavior
- TMU arrives. Employee was seated at her desk staring at a blank computer screen. TMU asked how things were going she pointed to the screen stating she can see her files burning and heard the crackling of the flames
- An assessment by the medical suite determined medical issues are present
- Employee agreed to be transported to the hospital by local EMS

Case Study 1: Possible Psychosis Results



- Employee treated and released from the hospital
- Employee provided diagnosis of serious medical condition and mental health disorder
- Employee had enough service years and elected to retire

Case Study 2: Potential for Violent Behavior ?

The Report



- Male employee (15 years of service)
- Retired Disabled Military Veteran
- Numerous deployment tours overseas
- Work performance started to decline
- Was becoming increasingly loud, boisterous, and disruptive in the workplace
- Employees including his supervisor believe he could be the next active shooter because he claimed to have PTSD

Case Study 2: Potential for Violent Behavior ?

TMU Interview



- Likes his job
- Diagnosed in early 2000's with head injury (TBI)
- Frequent headaches - Constant ringing causing hearing in both ears to diminish
- Single – primary care giver and only child for his mother who lost her battle with cancer several months prior
- No suicidal ideations or thoughts about harming himself or others
- Unaware he was being loud causing a disruption with his co-workers

Case Study 2: Potential for Violent Behavior ?

TMU Interview



- TMU suggests employee return to VA regarding his medical condition
- TMU recommended Employees Assistance Program (EAP) who could help with referrals to help him deal with the stressors of his medical condition and the recent loss of his mother
- TMU follows up with the supervisor. Behavior is a result of declining medical condition
- TMU assesses he is not a threat to self or others

Case Study 2: Potential for Violent Behavior ? Update



- Contacted VA who reopened his disability claim, and the VA determined he has PTSD and updated his disability – VA made his claim retroactive to the early 2000s resulting in financial compensation
- He is receiving treatment for his headaches and hearing issues
- EAP referred him to a counselor to assist with his stressors

As Employers, we invest a lot of time and money in our employees



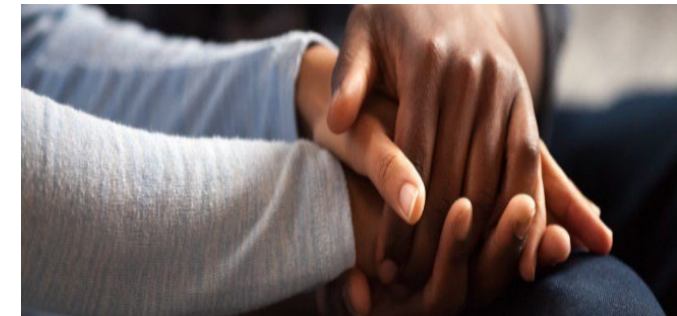
- People can and do recover = resiliency
- Employees face unique challenges
- TMU has a high number of reports
 - personnel are confident they will be helped
 - people share their stories
- Mental Health Crisis Intervention Training (MHCIT) works well
 - covers all employees
 - easy to understand guidance
 - good tools to work with in and outside work

How does this help your organization ?

Feedback



"I wanted to thank you for your class on Mental Health First Aid. Literally, two days after taking your class I had a friend who had a mental health break down. With the understanding and tools you gave me I was able to save my friend's life. I couldn't be more thankful than that. My friend will be released from the hospital later today and he is a completely a different person after getting the help he needed. Again, THANK YOU"



How does this help your organization ? Feedback



“My best friend was experiencing suicidal ideations. After attending the class, I knew immediately what to do. I drove him to the hospital where he got help. He is here today because of what I learned in Mental Health training.”

“I never thought I would use what you taught us, but just last week I was able to help my niece who was going through a mental health issue that I would not have understood prior to your training.”

How does this help your organization ? Feedback



“Three of my employees were talking about suicide. I attended Mental Health training and had the courage to immediately get help for them. Thank you. They are experts who just need help.”- Manager

“‘EVERYONE’ in the agency should attend this class.”

“I want all my supervisors to attend this class” – KC Director.

How does this help your Management Team? Feedback



Three supervisors within a one month period had separate employees who were having suicidal ideations due in part to the sensitivity of their work. The supervisors were able to successfully intervene and get each employee the help they needed

"I attended MHFA training. As a supervisor I feel better equipped to address the concerns of my employees".

"This class teaches how to have the difficult conversation."

"This might be the most important course NGA offers. It's well worth the small time commitment." - Former Director of ODE



QUESTIONS ?

CDSE INSIDER THREAT DIVISION



MISSION

CDSE serves as the Insider Threat Center of Excellence coordinating training, awareness, professional development, education, research outcomes, and public outreach efforts in support of the Counter Insider Threat mission for the DOD, U.S. Government, industry, and critical infrastructure sectors.

TRAINING

Deploying Training to Insider Threat Program/Hub Pillar Personnel and Security Professionals

AWARENESS

Providing Annual Awareness and Vigilance Campaign for the General Workforce

PROFESSIONALIZATION

Supporting the development of tradecraft for Insider Threat Analysts and Operations Personnel. Supporting the certification program validating Insider Threat Professional Achievement of Skills and Competencies

EDUCATION

Institutionalizing the Counter Insider Threat Mission for Future Security Leaders

PUBLIC OUTREACH

Providing a Public Forum for Best Practices, Research Outcomes, Training, and Awareness Materials

OUR AUDIENCE



☐ TRAINING

☐ AWARENESS

☐ PUBLIC OUTREACH

☐ PROFESSIONALIZATION
(EDUCATION, TRAINING, TRADECRAFT, CERTIFICATION)

DOD Civilian and
Military Personnel

Federal Agency
Personnel IC/NT-50

Industry under
the NISP

Critical
Infrastructure
Sectors

TOTAL
WORKFORCE

INSIDER THREAT
PROGRAM and HUB
PILLAR PERSONNEL

SECURITY
PROFESSIONALS

GENERAL PUBLIC



NATIONAL INSIDER THREAT AWARENESS MONTH



UPCOMING EVENTS



WEBINARS

Counter Insider Threat Resources For Your Organization

Thursday, September 8, 2022

12:00 p.m. to 1:00 p.m. ET

Please join us for our webinar that will highlight all Insider Threat resources CDSE has to offer.

Register Now:

<https://cdse.acms.com/pspsid/event/registration.html>

Disinformation and Insider Threat

Tuesday, September 13, 2022

12:00 p.m. to 1:00 p.m. ET

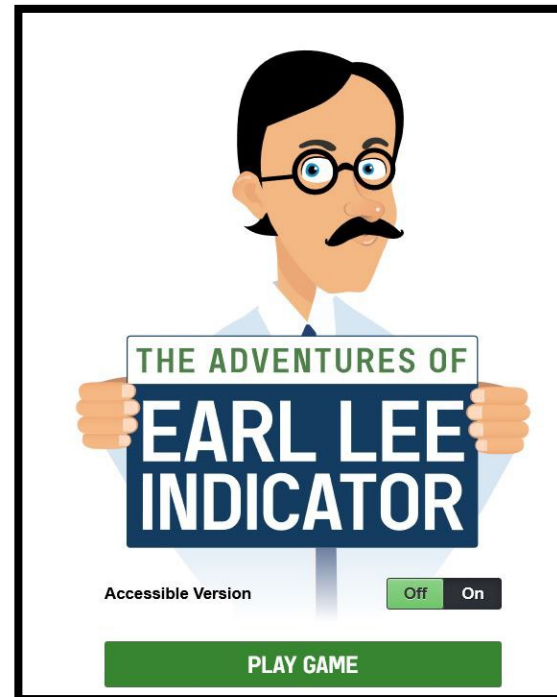
Please join us as our expert panel discusses the security, legal, and social implications of disinformation for DOD insiders.

Register Now:

<https://cdse.acms.com/disinformationint/event/registration.html>



NEW PRODUCTS





CASE STUDY

Unlawful Retention and Transmission National Defense Information

WHAT HAPPENED

Reality Winner was a contractor at the National Security Agency (NSA) facility in Georgia. Prior to that position, she served in the United States Air Force from 2010-2016 and held a Top Secret//Sensitive Compartmented Information security clearance (TS//SCI). She continued to hold a TS//SCI at the NSA.

Winner had a deep distrust of the current administration according to a journal discovered during an investigation. She also posted on social media and expressed support for Taliban leaders and Osama bin Laden as well as proclaiming that she wanted to burn down the White House.

REALITY WINNER

- 26 years old (at time of sentencing)
- Defense contractor supporting an NSA facility
- Six-year Air Force veteran prior to contract position



CASE STUDY

Unauthorized Disclosure

WHAT HAPPENED

Daniel Everett Hale, 31, of Nashville, Tennessee, enlisted in the U.S. Air Force from July 2009 to July 2013, where he received language and intelligence training. Hale was assigned to the National Security Agency (NSA) and deployed to Iraq as an intelligence analyst.

After leaving the Air Force in July 2013, Hale was a defense contractor and assigned to the National Intelligence Agency (NGA), where he worked as a personnel analyst between December 2013 and August 2014. In his active-duty service and work for the NSA, and the National Geospatial Agency (NGA), Hale held a Top Secret//Sensitive Compartmented Information (TS//SCI) security clearance and was entrusted with access to classified national defense information.

Hale admitted that he took classified documents home from his work at the NSA and sent them to his girlfriend, purposefully disregarding the law. Hale's cell phone contact information for the reporter, and he possessed drives. One contained a page marked "SECRET" and a document he printed and attempted to delete from the other contained Tor software and the Tails operating system, which he used to anonymously "leak" documents.

Hale became an anti-war activist and released documents of his opposition to war and the use of drone warfare. As a result of the Drone Wars Papers, he spoke at events and gave interviews.

After receiving the documents to investigate, the reporter

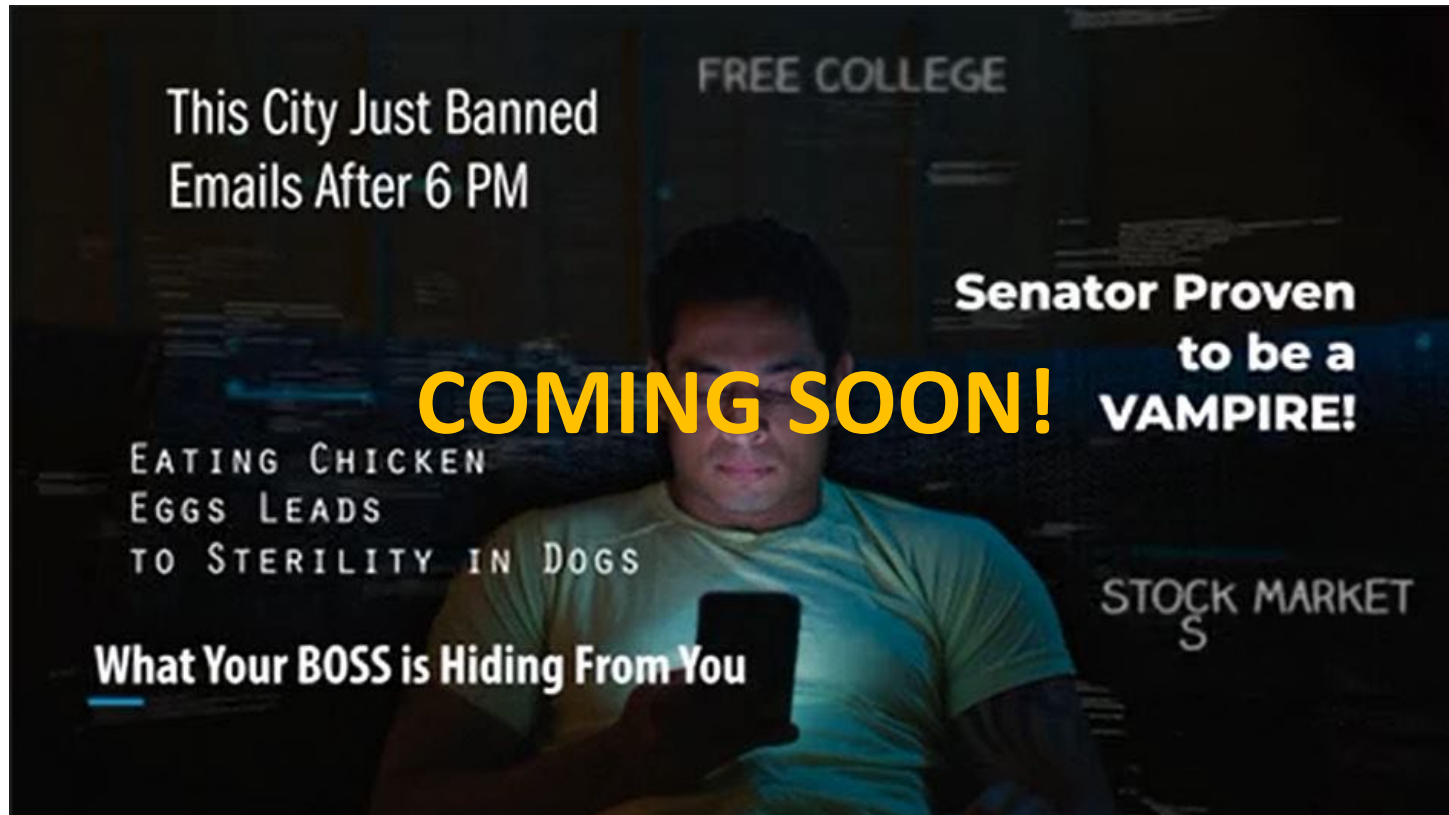
Daniel Everett Hale

- 33 years old at the time of sentencing
- Sentenced to 45 months in federal prison
- Defense Contractor who held TS//SCI clearance and access to national defense information
- Disclosed classified information to journalists
- Possessed malicious software applications to transfer data

NEW PRODUCTS



INSIDER THREAT VIGILANCE VIDEO SERIES – SEASON THREE



[S1/ TURNING THEM AROUND, NOT TURNING THEM IN](#)



[S2/ THE CRITICAL PATHWAY](#)

WHERE TO FIND US



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Download our free mobile app -
Insider Threat Sentry

<https://www.cdse.edu/Training/Insider-Threat/>

CONCLUDING REMARKS



Office of the Under Secretary of Defense for Intelligence and Security



Kristin Gallagher

Program/Insider Threat Analyst
OUSD(I&S) Counter-Insider Threat Program

OUSD(I&S) C-INTP OVERVIEW



MISSION

Oversee, lead, and manage the Department of Defense (DOD) Counter-Insider Threat Program (C-InTP) policy, strategy, and operational capabilities to minimize the risk of an insider doing damage.

VISION

An integrated system of counter-insider threat capabilities and information sharing combined with a well-equipped, trained, and vigilant workforce to protect DOD resources, personnel, installations, and equities from insider threats (by detection and mitigation).

POINTS OF CONTACT



CDSE Website

www.cdse.edu

OUSD(I&S) Website

<https://www.dni.gov/index.php/ncsc-how-we-work/ncsc-nittf>

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Thank You for Your Participation – Please Complete the Survey



<https://securityawareness.dcsa.mil/cdse/nitam/index.html>