Elder Fraud Prevention Summit

October 13, 2025





Elder Fraud Prevention Summit

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JPMorganChase | |





Welcome

Paul Benda

Executive Vice President, Risk, Fraud & Cybersecurity American Bankers Association

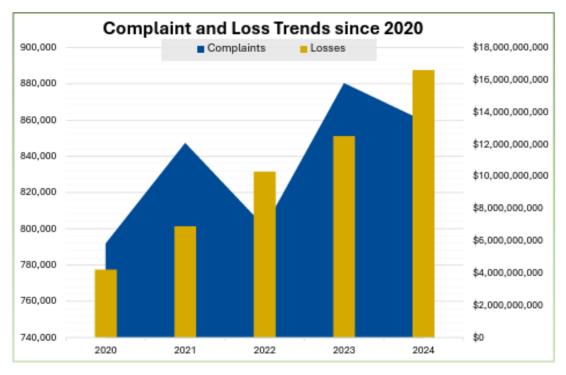


Agenda Items

- 1. Fraud and Scam Trends
- 2. Role of Telecoms and Social Media
- 3. Al Deepfakes



FBI IC3 – 2024 Internet Crime Report



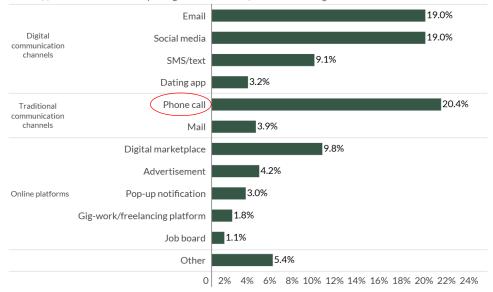
- 2024 \$16.6B in losses
- 33% increase from 2023
- Identity Theft
 - 2021 51,629
 - 2022 27,922
 - 2023 19,778
 - 2024 21,403
- 2024 National Public Data Breach – 2.9B personal records



Scams Landscape

Scammers' channels for initial contact

Share of financial scam victims reporting scammers made first contact through select channels

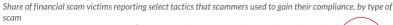


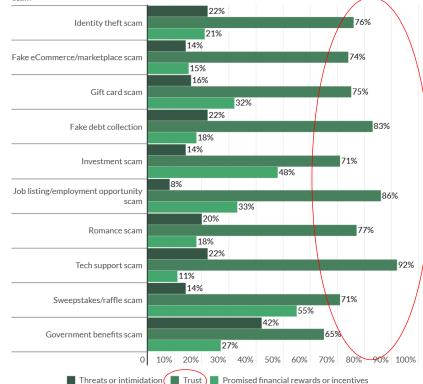
Source: PYMNTS Intelligence

How Scammers Tailor Financial Scams to Individual Consumer Vulnerabilities, January 2025

N = 2,209: Respondents who have experienced household financial loss because of a scam, fielded July 26, 2024 – Aug. 19, 2024

Financial scam compliance tactics





Source: PYMNTS Intelligence

How Scammers Tailor Financial Scams to Individual Consumer Vulnerabilities, January 2025

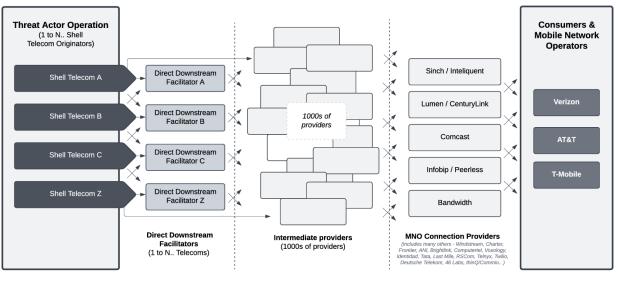
Elder Fraud Prevention Summit





FCC Tracks "Traceback" Requests

- Traceback identifies telecom enabling reported calls and spoofed caller ID
- Known bad actors enable scam ecosystem



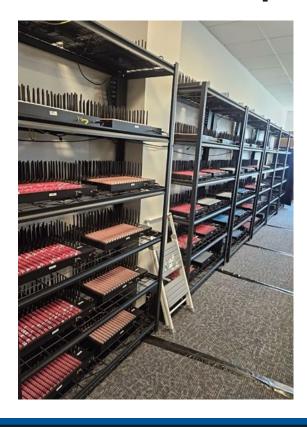
Reported Scam Type	Count
Order/Bank Scam	1791
Amazon	526
Debt Reduction	456
Cable/Phone Impersonation	436
Sweepstakes	219
Health Ins	192
Source: FCC	

- No KYC "Shell Telecoms"
- Enables individual bad actors to have dozens
- Feed hundreds of millions of calls into ecosystem
- No accountability





Growth of Pre-paid Sim Card Enabled Scam Calls



- Sim Farm
 - 100,000 sim cards
 - 300 servers
- mobileX sim cards
 - Use Verizon network
- Likely in operation for nearly a year

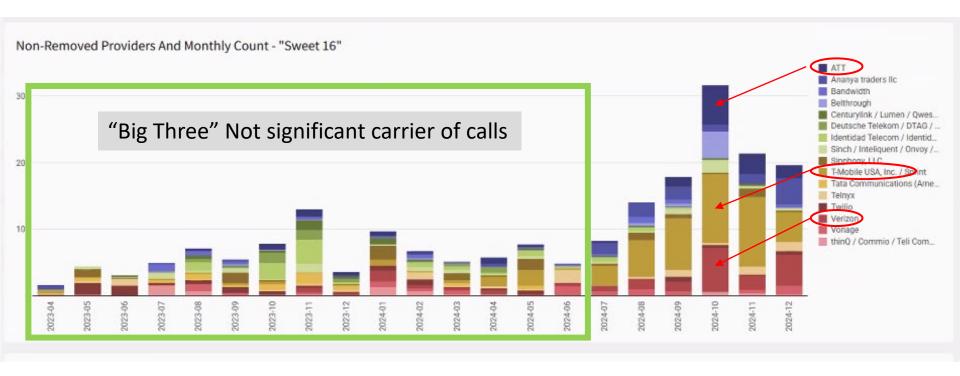


https://www.secretservice.gov/newsroom/releases/2025/09/us-secretservice-dismantles-imminent-telecommunications-threat-new-york

https://www.nytimes.com/2025/09/23/us/politics/secret-service-sim-cards-servers-un.html

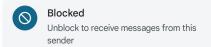


Growth of Pre-paid Sim Card Enabled Scam Calls

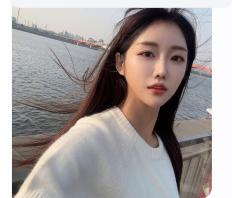








Unblock



Dr. Jack, this is my photo. I hope you can reply to me as soon as possible after seeing my message, because I have a tooth problem and am very uncomfortable. I need your help as soon as possible. If you have time, I hope we can confirm an appointment

Text message









Texts – Starting Point for Romance or Crypto Investment Schemes



Crime Type	Loss
Investment	\$6,570,639,864
Business Email Compromise	\$2,770,151,146
Tech Support	\$1,464,755,976
Personal Data Breach	\$1,453,296,303
Non-Payment/Non-Delivery	\$785,436,888
Confidence/Romance	\$672,009,052
Government Impersonation	\$405,624,084
Data Breach	\$364,855,818
Other	\$280,278,325
Employment	\$264,223,271
Credit Card/Check Fraud	\$199,889,841
Identity Theft	\$174,354,745
Real Estate	\$173, 586,82 0

FBI IC3 Crypto Complaints

2020 ~ \$500M

2021 ~ \$1.5B

2022 ~ \$3.75B

2023~\$5.6B

2024~\$6.6B



Monthly Account Takeover Incidents Reported to FinCEN between 2020-2025







The Rise of Scams on Meta Platforms*

50%

Scams on Zelle via JPMorgan traced to Meta Ads

8-32

Fraud "strikes" allowed before ad account removal

70%

New advertisers flagged for fraud, illicit goods, or poorquality offers 230,000+

Scam ads using
Andrew Forrest's
Name /
Image /
Likeness



Meta's ad revenue in 2023 – incentivizing weak enforcement

Section 230 - Meta argues it has no legal duty to protect users from fraud "Meta has no duty to protect users from third-party content on its platform, Plaintiff cannot state a negligence claim"

*https://www.wsj.com/tech/meta-fraud-facebook-instagram-813363c8?





Crypto Investment Schemes and Bitcoin ATMs



- Crypto Investment Schemes
 - Legitimate looking websites
 - Full functionality
 - "Grow" investment until try to cashout
 - Scammed again with "taxes"



- Bitcoin/Crypto ATMs used to exfiltrate funds
 - Athena sued by DC
 - Fees range 20-30% per transaction
 - 93% of transactions were fraudulent
 - Average age of customer 71
 - Average loss \$8,000
- Some states passing BTM laws





Banks have been using traditional Al for years





Data classification and process automation



Uncovering patterns and predicting events

Credit scoring:

statistical models for assessing creditworthiness

Fraud detection:

analyze transaction patterns

Customer segmentation:

based on behavior for targeted marketing

Risk assessment:

predicting loan default risk

Process automation:

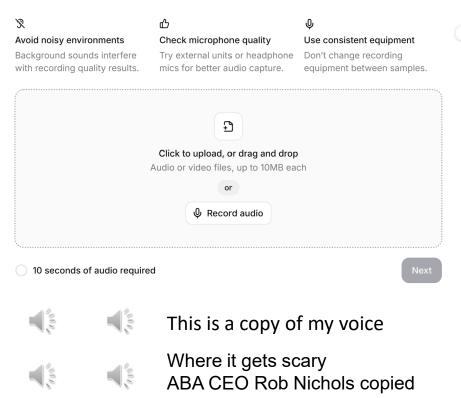
data entry or account reconciliation

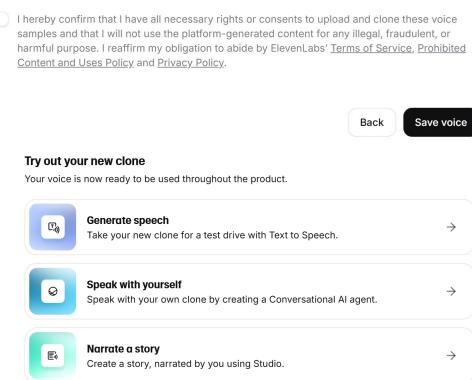






Accessible Voice Deepfakes











Al Driven Tools Enable Better Scams

Generate background sounds using text prompt "Thunderstorm with heavy rain"



Step 1: Obtain copy of child's voice



Step 2: Use tools to clone the voice



Step 3: Create convincing script that the child is in need of help/money.



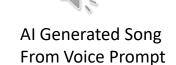
Step 4: Execute script with cloned voice



Step 5: Merge cloned voice with realistic background sound







https://www.wsj.com/articles/voice-startupelevenlabs-launches-ai-music-service-8a546cef







Red Flags, Real Risks: Spotting Elder Financial Exploitation

Chantelle Smith

Consultant, Elder Justice Initiative U.S. Department of Justice





Red Flags, Real Risks

Spotting Elder Financial Exploitation

Chantelle Smith, JD

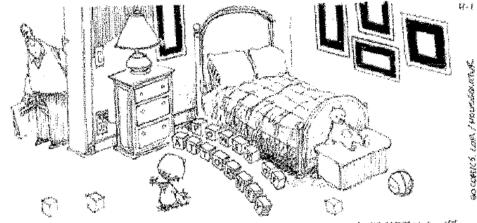
Consultant to DOJ Elder Justice Initiative chantelle.c.smith@usdoj.gov c: 202/451-7482

What We'll Cover

- Why red flags matter and why they're often missed
- Obvious vs. subtle indicators
- Three cases from the field
- How patterns reveal risk
- Taking action when something feels wrong

POWER OF ATTORNEY

WORRY ABOUT



Was been waren war, wic.

WHEN THE BEAUTY COME, MEN



Show of Hands

How many of you have ever had a customer interaction that felt off — even if everything looked normal on paper?

II.

Obvious Red Flags

<u>Indicator</u>	What It Looks Like	
New co-signer, joint account, beneficiary, or POA	Someone new suddenly involved or interested in finances	DE S th
Urgency to act	"We need this done today" — customer anxious or pressured	tr
Large or unusual transaction	Purpose or amount inconsistent with history	[
? Confusion about transaction	Vague answers or repeats questions	wh ir
Changed documents	Signature, address, handwriting don't match records	, i

ETECTION CUE

Slow down he process

Verify authority

Document no is driving the nteraction "

Obvious Red Flags

accounts

<u>Indicator</u>	What It Looks Like	
Movement of accounts	Transferring funds to accounts in other FIs	<u>D</u> I
Immediate withdrawals	Account is opened and funds immediately withdrawn	S th
Use of ATM or online banking	Use inconsistent with history	
Overdrafts and changes in expenses	Sudden or frequent overdrafts and regular expenses no longer being paid	C ii
爺 Closing out low-risk	Cashing out CDs and closing	

savings accounts

ETECTION CUE

Slow down he process Verify authority

Document who is driving the interaction

Subtle Red Flags

<u>Indicator</u>	<u>Detection Tip</u>
-	Ask privately: "Can you tell me
coached, deferential	what this is for?"
New contact info	Confirm reason and who
	requested the change
New or risky financial behavior	Compare to customer's history
Confusion or a "thinking	Re-ask questions later; note
problem"	inconsistency
	Request private conversation;

document reaction

DETECTION CUE

The danger isn't one transaction — it's the change in control

What Red Flags Have You Seen?

OBVIOUS

Third party present; large cash withdrawal

SUBTLE

Client quiet, lets agent speak; urgency

DETECTION

Private conversation, verify credentials, delay disbursement

Case 1: The "Helpful" Insurance Agent

- 82-year-old arrives at teller window with an insurance agent, a "senior specialist"
- Requests to cash out a long-held CD
- Leaves with a bag of cash
- "Loans" from clients

- Convicted of ongoing criminal conduct, money laundering, and theft
- Stalked, targeted, and groomed victims continued after conviction
- Probation revoked seven years after the State first discovered an issue



CLLAGERAL fice furniture & Equipment SOO N. 8 ST. CLEARLANE FOUR SOUDS LOCATER AT DENNIS M. STEPLENS & ASSOCIATES AKA) OUS DENNIS M. STEPHENS & ASSOCIATES 5379 #005379#

How to Steal a House

- Older woman with developmental disability; two adult children also with DD; husband passes away
- Neighbor steps up to "help"
- Opens credit cards; empties account; charges rent; acquires deed; mortgage; foreclosure
- Checks made out for "cash"
- Discovered only when county rentsubsidy worker spotted mismatch

OBVIOUS

Title change, inconsistent spending, drained account, credit cards

SUBTLE

Neighbor involved, physical control, controls communication

DETECTION

Property record checks; collaboration

Criminal case filed

Plead guilty to ongoing criminal conduct and theft

Victim and her daughter moved to a trailer via rent subsidy



The Loan that Didn't Fit

- Customer applies for a home equity loan on a brand new townhome
- Says it is for investment in a business opportunity
- Won't or can't explain the business or finances
- Vehicle sale + purchase + sale + purchase
- •Prior, 401k + 20K

- Plead guilty to theft and securities fraud
- Five-year suspended sentence and \$1000 fine
- Cease and desist order by consent
- New house...together

Common Thread: Shift in Control

Every case starts the same way — with a shift in control

Access → **Urgency** → **Control** → **Loss**



Key Pattern

Power and control change hands long before the money disappears

Pattern Recognition

DETECTION CUE

One red flag, we pay attention Two or more linked red flags, we take action

<u>Trigger</u>	Paired Behavior	Why It Matters
New contact info	Third-party involvement	Possible diversion (undue influence)
Large withdrawal	Customer confusion	Potential coercion (undue influence)
New legal document	© Urgency	© Pressure or forgery risk (undue influence)

You don't
have to prove
exploitation
— you just
have to
interrupt it.

Detection & Response Playbook

- Pause / Hold Delay or hold pending review
- Verify Independently Confirm POA (or other legal document), authority, ownership
- Private Conversation Speak alone with the customer, if possible
- Escalate Contact compliance, APS, law enforcement and/or, if available and appropriate, a trusted person
- Document Note observations and statements

What's your policy?

Obvious v. Subtle - Side-by-Side

Obvious Subtle New signers / POAs Behavioral change Visible confusion New contact info Outside influence Large or urgent transactions Both matter — especially when they mark a change in control

Discussion & Questions

What red flags shows up **most** in your work?

What makes it **hardest to act** when you see one?

Where could **coordination or collaboration** improve?



Thank you

Scammers, Seniors & the Science of Deception

Dr. N. Denburg

Professor of Neurology and Neuroscience University of Iowa Carver College of Medicine





SCAMMERS, SENIORS, AND THE SCIENCE OF DECEPTION

Natalie Denburg, PhD

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University of Iowa Carver College of Medicine

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Elder Fraud Prevention Summit

Arlington, VA

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Key Questions

- 1. In normal aging, what aspects of thinking abilities undergo the greatest change?
 - What have our scientific studies in behavior, emotion, and brain imaging revealed?
- 2. What is dementia, how common is dementia, and what are the different forms of dementia?
 - Do patients with dementia have insight into their deficits?
- 3. What remains preserved in patients with dementia, particularly those with Alzheimer's disease?
 - What did you notice about the patient with dementia shown in the video?

Guiding Frameworks

Older Adulthood is a Time of Critical, Complex, and Stressful Decision-Making

- Medical decision-making
- Financial decision-making
- Estate planning
- Change in roles/responsibilities following the death of a spouse/partner
- Change in residence/living arrangement

How the Brain Changes with Normal Aging

Age-Associated Memory Impairment

How the Brain Changes with Normal Aging

Age-Associated Memory Impairment

Age-Associated Executive Impairment

How the Brain Changes with Normal Aging

Age-Associated Memory Impairment



Age-Associated Executive Impairment

Getting old doesn't mean having a bad memory; rather, getting old means decision-making problems and susceptibility to fraud.

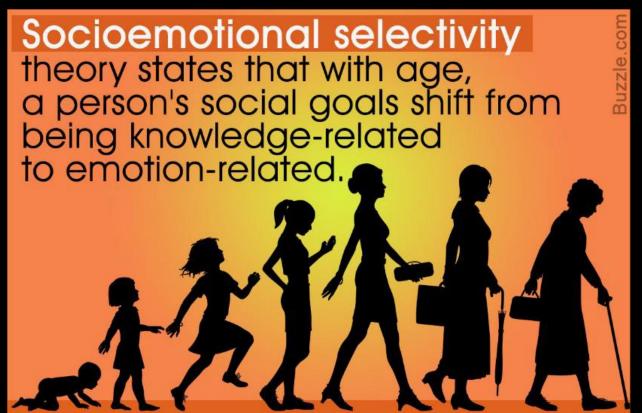
Emotion is Necessary For Favorable Decision Making

(Somatic Marker Hypothesis; Damasio, 1994)

- Emotion via body feedback during decision making either encourages or discourages an action based on our prior experiences with similar situations
 - gut reaction
- Two brain areas are important to triggering various bodily changes (somatic states)
 - Frontal lobe and Insula
 - Damage to the frontal lobe and/or insula will produce impairments in somatic responses so that bodily feedback is not available to the individual to shape their decision making in an advantageous direction

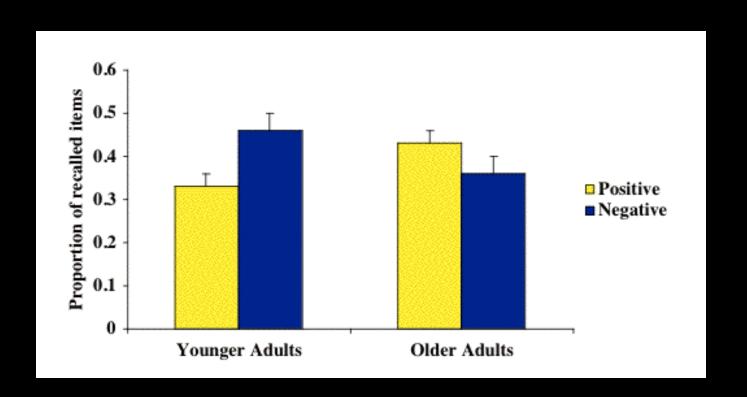
Emotional Changes with Normal Aging (Positivity Bias)

(Carstensen et al., 1999)



Positivity Bias: Emotional Memory

(Denburg et al., 2003)



Bringing Emotion to Bear on Decision Making

1848 in Cavendish, VT

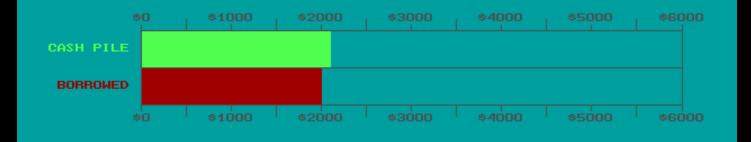
Development of the Iowa Gambling Task (Bechara et al., 1994)

- Well-known tasks of the frontal lobe (referred to as executive functioning) are not useful in modern day Phineas Gage-like patients.
- To incorporate the body (Somatic Marker Hypothesis), we needed a decision-making test that brought emotion prominently into the cognitive process of decision making.
- Thus, the Iowa Gambling Task was created, which factors in uncertainty, reward, loss, and risk.

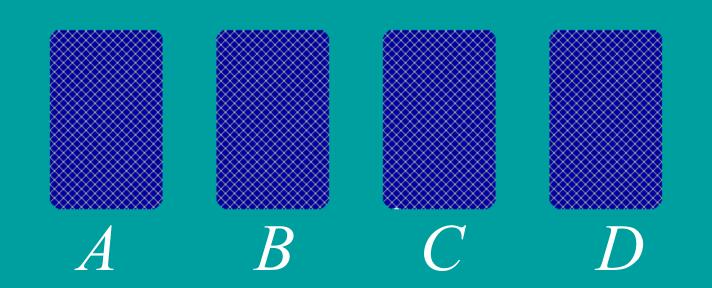
Iowa Gambling Task

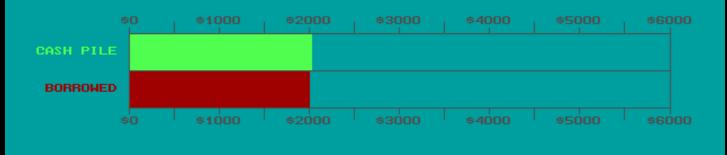
(Bechara, Damasio, Damasio, & Anderson, 1994)



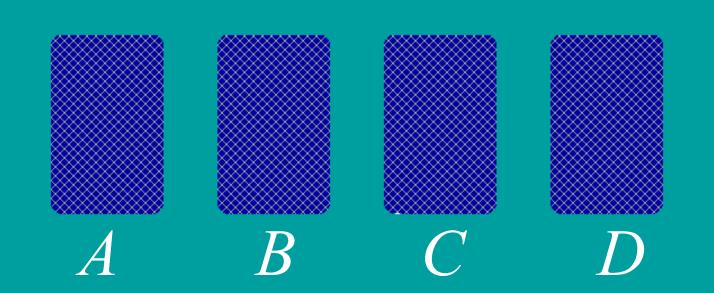


But you lose \$1250!



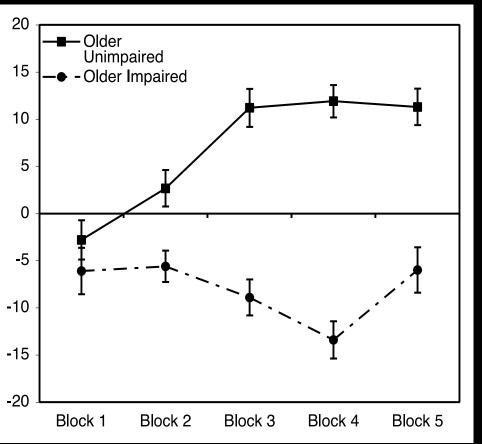


But you lose \$25!



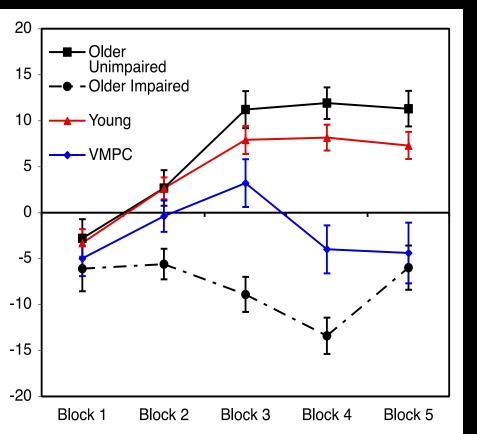
The Iowa Gambling Task

(Denburg, Tranel, & Bechara, 2005)



The Iowa Gambling Task

(Denburg, Tranel, & Bechara, 2005)



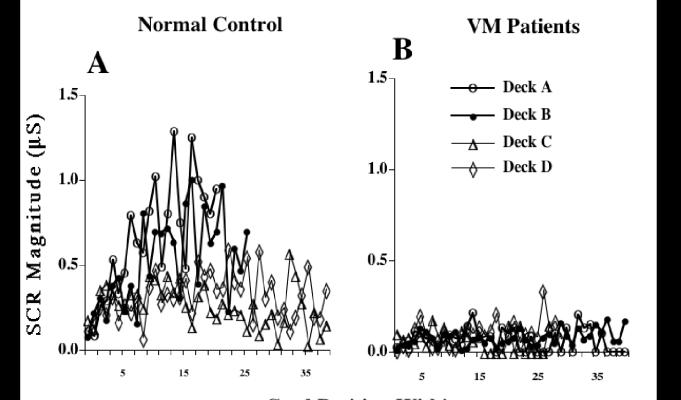
Characteristic ^a	Statistic ^b	Participant group		p^{c}	Effect size ^d (d statistic)	Confidence interval ^d (95% CI)	Correlation with CD–AB ^e in older participa:
		Older-Unin	paired Older–Impaired				
Age	M	70.3	71.1	ns	.10	63 to .82	.07
	S.D.	8.3	8.0				
Education	M	15.6	14.2	ns	58	-1.31 to .17	.21
	S.D.	1.8	2.9				
Gender	% Females	40	50	-	_	_	-
Handedness	% RH	93	100	-	_	-	-
Health status	M	1.60	1.64	ns	06	67 to .79	.09
	S.D.	0.6	0.7				
Riskiness	M	0.6	0.7	ns	- .15	70 to .98	06
	S.D.	8.0	0.5				
BDI	M	4.9	4.9	ns	00	74 to .74	18
	S.D.	4.2	3.8				
WAIS-III digit span	M	16.0	17.3	ns	29	46 to 1.03	08
	S.D.	4.6	4.3				
Benton faces	M	22.4	21.9	ns	20	95 to .56	.17
	S.D.	2.3	1.6				
WRAT-3 reading	M	51.0	48.9	ns	63	-1.35 to .14	.25
	S.D.	3.1	3.6				
AVLT 30 min delay	M	10.6	9.3	ns	46	-1.20 to .30	.12
	S.D.	2.7	2.9				
BVRT errors	M	3.3	4.5	ns	65	15 to 1.40	30
	S.D.	1.6	2.1				
Verbal fluency	M	41.6	38.7	ns	33	-1.07 to .42	.17
	S.D.	7.8	9.0				
Trail making test A	M	33.1	34.9	ns	21	54 to .95	01
	S.D.	10.4	12.6				
Trail making test B	M	74.5	82.8	ns	28	47 to 1.02	03
	S.D.	27.8	31.3				
WCST perseverative errors	M	7.3	9.7	ns	- .67	20 to 1.48	23
	S.D.	4.0	3.1				
WCST categories	M	6.0	5.8	ns	- .48	-1.29 to .36	.13
	S.D.	0.0	0.6				

Demographic and cognitive characteristics of older participants

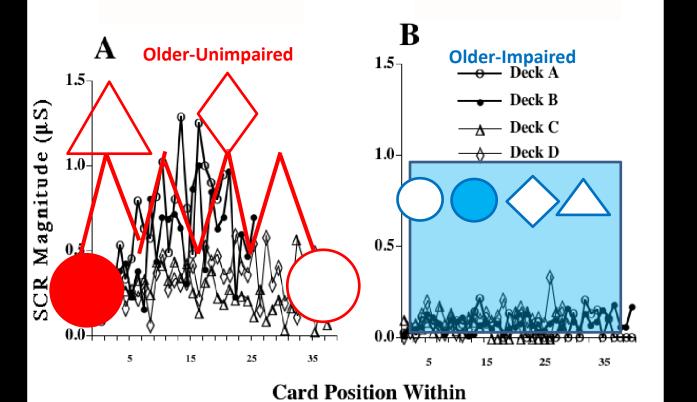
Measurement of Emotion (gut reaction)

Skin conductance response (or SCR) as an index of emotion.

 Anticipatory SCRs: SCRs generated immediately prior to the point at which the subject turned a card from a given deck, i.e., during the time period the subject was pondering which deck to choose



Card Position Within



Real-World Decision-Making and

Vulnerability to Fraud

Creation of Ad Stimuli

- Deceptive advertising claims were drawn from those cases rendered problematic by the Federal Trade Commission (FTC) during the last 20 years as published in their journal, FTC Decisions.
- For each FTC advertisement, non-deceptive counterparts were created.
- Deceptive and non-deceptive advertisements were admixed to create advertising booklets.

Now there's an effective way to help reduce fat.

Now there's Laritrol*.

Clinical studies have shown Laritrol to eliminate 5.9 seams of Set not tablet from the Soule was act.







Finally.

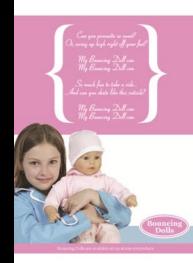
A three-piece luggage set that meets the unique needs of the American Traveleri After being manufactured each piece is carefully inspected in Tennessee at our corporate headquartes before it is shipped to you!

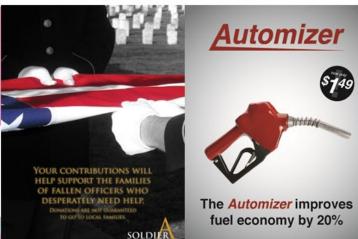


THIS LEGACY 3 PIECE SET INCLUDES

N DINGGOT THURST TOTE THOSE CARRIES









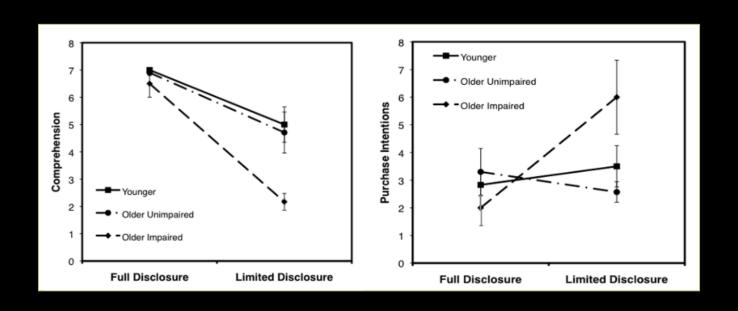


THE WAVE IS INTENDED TO BE A SOUND AMPLIFICATION DEVICE FOR THOSE WITH NORMAL HEARING.

CONTINUOUS USE OF THE WAVE HA

The Advertising Study

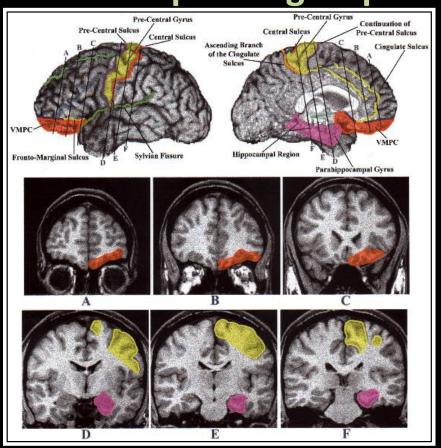
(Denburg, Cole, Hernandez, Yamada, Tranel, Bechara, & Wallace, 2007)

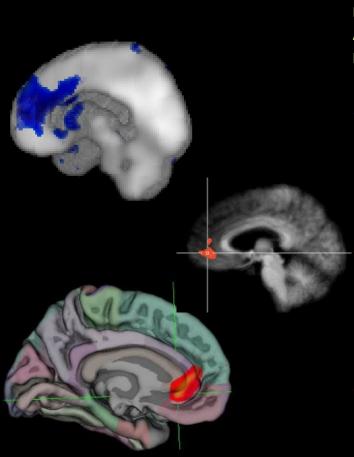


Brain Correlates of Impaired

Decision-Making

What is happening in the brains of our Older-Impaired group?





Denburg & Harshman, 2010
Asp, Denburg, et al., 2013
Koestner, Hedgcock, & Denburg, 2016

FDG-PET (metabolism)

Functional MRI (activation)

Structural MRI (cortical thickness)

TO SUMMARIZE: Why do some normally-aging older adults make poor decisions and fall prey to fraud?

Cognitive vulnerability, involving a decline in reasoning and judgment, in combination with flawed emotional responses stemming from abnormalities that develop in the brain's frontal lobe, lead to poor decision making and risk for Victimization.

Others At Risk for Susceptibility to Scams?

 Older adults diagnosed with mild cognitive impairment (MCI)

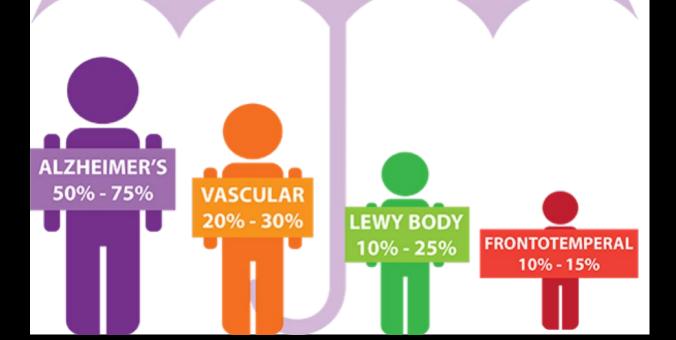
 Older adults diagnosed with "dementia"

Mild Cognitive Impairment (MCI)

- MCI is the transitional stage of cognitive impairment between normal aging and dementia
- Characterized by subjective and objective memory problems, but otherwise intact cognition and daily activities (ADLs)
- Prevalence of upwards of 18% of those aged 60 years and older
- MCI progresses to dementia at a rate of ~15% per year; cumulative rate of AD about 80% by 6 years

DEMENTIA

An "umbrella" term used to describe a range of symptoms associated with cognitive impairment.



Warning Signs of Dementia

- Memory loss that affects normal activities
- Disorientation to time or place
- Difficulty performing familiar tasks
- Excessive word finding problems
- Changes in mood, behavior, or personality

Epidemiology of Dementia

• Dementia affects ~15% of persons aged 70-84

• Dementia affects ~40% of persons ≥ age 85

~5 million persons in the US have dementia

• By 2050, lifetime incidence expected to approach 50%

How is Dementia Defined?

1. Development of multiple cognitive deficits, including

- Memory impairment
- One or more of
 - Language impairment
 - Visuospatial impairment
 - Executive functioning impairment

2. These cognitive deficits

- Cause significant impairment in daily living skills
- Represent a significant decline from a previous level of functioning

Alzheimer's Disease (AD)

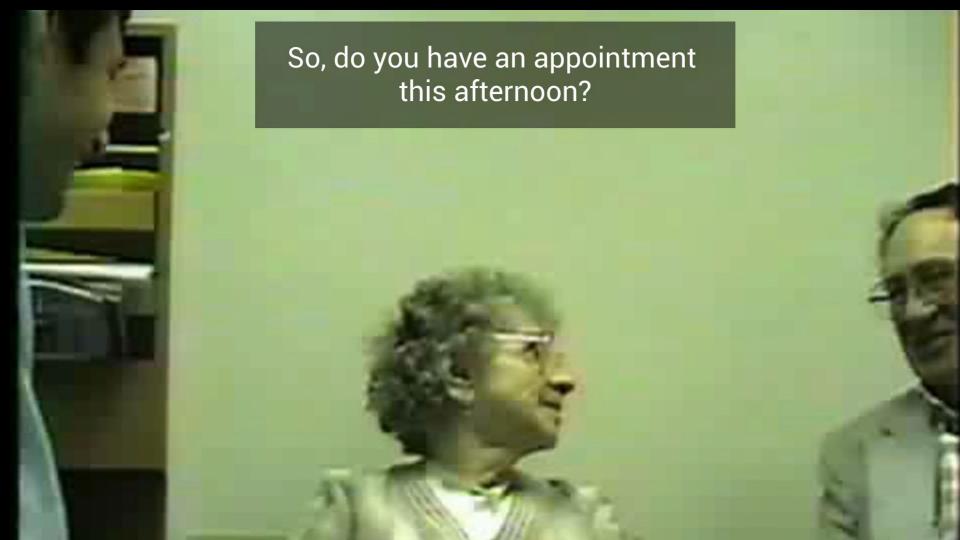
- The most prevalent dementia
- Onset: anterograde amnesia
- Dysfunction in everyday life
- Impaired insight is characteristic
- Course 8-10 years; no remissions
- Risk factors: age, family history, vascular conditions, minimal formal schooling

Other Forms of Dementia

- 1. Vascular dementia
- 2. Lewy Body dementia
- 3. Parkinson's dementia
- 4. Posterior cortical atrophy
- 5. Primary progressive aphasia
- 6. Pick's disease

- 7. Fronto-temporal dementia
- 8. Normal pressure hydrocephalus
- 9. Creutzfeldt-Jakob disease
- 10. Alcohol dementia
- 11. Major Neurocognitive Disorder

All have a degree of anosognosia, or lack of insight, associated with them.



Recent Public Policy Work

Informing the Elderly:
Reverse Mortgages and the
Effects of an Enhanced Disclosure
Form

California Assembly Bill 1700

(Denburg, Collins, Garcia, & Cole)



Sponsors (1):

Jose Medina primary

(Democrat) District 61





PASSED ASSEMBLY

PASSED SENATE

SIGNED INTO

LAW

Sep 30, 2014

Norma Garcia, J.D., Consumers Union

Prescott Cole, J.D., California Advocates for Nursing Care Reform

Aim of Study

(Denburg, Collins, Garcia, & Cole)

- The aim of our study was to test an implementable form of public policy.
- In particular, we tested whether an *enhanced* disclosure form (i.e., worksheet) would significantly improve consumers' understanding of the reverse mortgage product.
- The worksheet was meant to prompt older adults to attend to the negative or risky aspects of the financial product.

Participants

	Control (<i>n</i> = 20) <i>M (SD)</i>	Manipulation (<i>n</i> = 20) <i>M (SD)</i>
Age	77.25 (5.39)	73.88 (3.68)
Sex (% Female)	63 %	63 %

Education

Intellect

Verbal Memory

Non-Verbal Memory

Language

15.25 (1.75)

119.88 (10.16)

10.63 (2.20)

19.19 (6.58)

49.25 (13.76)

16.63 (2.56)

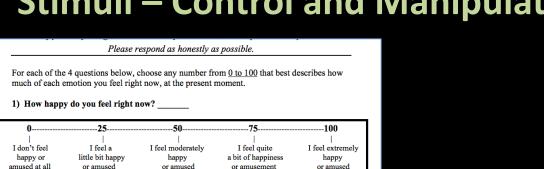
124.38 (9.88)

11.00 (1.85)

18.38 (7.31)

51.25 (5.18)

Stimuli – Control and Manipulation



- 2) How scared do you feel right i
- -----25-----I don't feel I feel a little bit scared scared at all

1. What is the minimum age for a reverse mortgage borrower? 50

- 62 b.
 - 65
- 2. True or False (please circle) Proceeds from reverse mortgage proceeds are taxable?
- 3. True or False (please circle) A borrower can do what ever they want with the proceeds from a reverse mortgage.

Knowledge Ouestionnaire

When is the reverse mortgage loan due? When the borrowers moves from the home

Stimuli – Control and Manipulation

IMPORTANT NOTICE TO REVERSE MORTGAGE LOAN APPLICANT

A REVERSE MORTGAGE IS A COMPLEX FINANCIAL TRANSACTION. IF YOU DECIDE TO OBTAIN A REVERSE MORTGAGE LOAN, YOU WILL SIGN BINDING LEGAL DOCUMENTS THAT WILL HAVE IMPORTANT LEGAL AND FINANCIAL IMPLICATIONS FOR YOU AND YOUR ESTATE. IT IS THEREFORE IMPORTANT TO UNDERSTAND THE TERMS OF THE REVERSE MORTGAGE AND ITS EFFECT TRANSACTION, YOU ARE RE INDEPENDENT LOAN COUNSE COUNSELORS WILL BE PROVI SENIOR CITIZEN ADVOCACY FOLLOWING? THE PROCEEDS OF A REVER! ANNUITY OR RELATED FINAL

CONSIDERING USING YOUR

SHOULD DISCUSS THE FINAL

WITH YOUR COUNSELOR AND

WRITTEN CHECKLIST

BEFORE MOVING ON, HAVE YOU THOUGHT ABOUT THE

- (A) How unexpected medical or other events that cause the prospective borrower to move out of the home, either permanently or for more than one year, earlier than anticipated will impact the total annual loan cost of the mortgage.
- (B) The extent to which the prospective borrower's financial needs would be better met by options other than a reverse mortgage, including, but not limited to, less costly home equity lines of credit, property tax deferral programs, or governmental aid programs.
- (C) Whether the prospective borrower intends to use the proceeds of the reverse mortgage to purchase

Stimuli – Manipulation Only

APPLICANT REVERSE MORTGAGE COMPREHENSIVE WORKSHEET

PLEASE ASK YOURSELF THE FOLLOWING QUESTIONS AND ANSWER EACH ONE USING THE REVERSE MORTGAGE DISCLOSURE AND CHECKLIST AS A REFERENCE. A WORD BANK IS PROVIDED AT THE BOTTOM.

- . Prior to applying for my reverse mortgage, I am required to receive this _____ from my lender.
- In order to obtain a reverse mortgage loan, you are required to sign ______ legal documents.

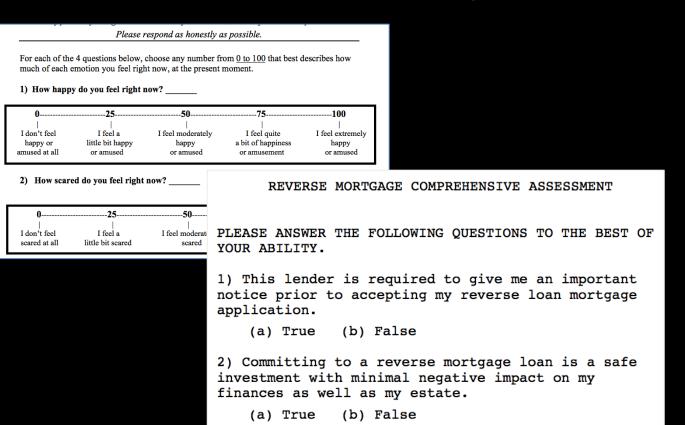
A reverse mortgage loan requi

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medical

options

Stimuli – Control and Manipulation



Reverse Mortgage Results

- Groups comparable:
 - baseline financial knowledge
 - baseline emotional state
 - purchase of financial products over the last 5 years
 - self-report of being content with the financial decisions they have made to date
 - self-reported interest in financial products
- Groups differed (Manipulation in relation to Control):
 - lower feelings of "happy" post-WS
 - lower feelings of "calm" post-WS
 - higher feelings of "irritable" post-WS
 - higher comprehension scores on comprehensive assessment at end of experiment
 - less likely to purchase a reverse mortgage
 - less well informed about the various considerations that are a part of a reverse mortgage

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Prevention: The Million Dollar Question

- Many have raised the potential of using motivational interviewing (MI) to combat elder financial fraud (e.g., DeLiema & Sommers, 2025; Lichtenberg & Peck, 2018; MacNeil et al., 2023; Yan et al., 2024)
- MI, a psychological intervention, has four tasks:
 - Engaging: establishing collaborative relationship
 - Focusing: moving towards a goal; directional (not directive)
 - Evoking: guiding conversation to counteract ambivalence and move towards change
 - Planning: how to change
- Important to avoid "traps": "expert" (authority stance; solving problem *for* person), "persuasion" (trying to convince), and "time" (rushing conversation)

Prevention: An Example with Motivational Interviewing (MI)

- Victim: I'm looking forward to seeing my girlfriend at Christmas when she comes to the US. Until then, I need to send her this money to support her and her grandmother.
- Bank: Oh, I see. You are supporting her by sending her your paycheck.
- Victim: Yes, exactly. Without it, she will be evicted.
- Bank: And that is certainly concerning. You have a lot on your plate, it seems.
- Victim: Yeah, I guess so. She just means the world to me. I'd be lost without her. She does so much for me.
- Bank: You support her by sending money, and she supports you by listening to you.
- Victim: Exactly! I don't have anyone else in the world.
- Bank: She's really important to you, and it's important that other people understand that.
- Victim: Yeah, but they just don't understand us.
- Bank: I can see how that would be really frustrating. I wonder why they don't understand.
- Victim: They think she's scamming me.

Prevention: MI Example, continued

- Bank: And there's no way she's doing that?
- Victim: No, she's not. But I get why they'd think that.
- Bank: Ok, so she's not scamming you, but you can see why your family is worried.
- Victim: Yeah, they think she's just stealing my money and that she won't actually come at Christmas. They said there's been reports of similar things in the news.
- Bank: So, they've seen similar stories in the news, and they're worried that you are losing all your money by sending it to her as a scam. Can I ask if you've talked about this with your girlfriend?
- Victim: Well, I just don't want to upset her. She means so much to me. She's threatened to stop talking to me in the past.
- Bank: It kind of seems like you're stuck between a rock and a hard place. On the one hand, your
 family is worried about you and wants to keep you safe. And, on the other hand, if you ask your
 girlfriend about this, she will get upset and possibly break up with you. What do you think about all
 this?
- Victim: It's tiring, really. I don't want to make anyone upset, but I also want to be happy, and she makes me happy.
- Bank: That makes a lot of sense. Would you ever consider talking to someone else, like a neutral, third party about these concerns? That way you can let your family know you're taking them seriously while not upsetting your girlfriend?

Answers to Key Questions

- 1. In normal aging, the greatest decline in thinking occurs in the areas of judgment, reasoning, problem solving, and decision making (frontal lobe). Emotion is also impacted vis-à-vis a positivity bias.
- 2. In dementia, cognitive impairments and dysfunction in everyday life are necessary for diagnosis. There are many forms of dementia aside from Alzheimer's disease (AD), but AD constitutes ~80% of cases of dementia. All have some degree of compromised insight.
- 3. In AD, the individual can seem cognitively intact because of preserved social graces, preserved attention and concentration, and often preserved physical abilities.

Acknowledgements

Funding

National Institute on Aging/National Institutes of Health (NIH)

Dana Foundation Program in Brain and Immuno-Imaging

Takeda Pharmaceuticals

University of Iowa Internal Funding

Questions?

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Suggested Readings

- 1. Denburg, N. L., & Harshman, L. (2010). Why so many seniors get swindled: Brain anomalies and poor decision-making in older adults. The Dana Foundation's *Cerebrum: Emerging Ideas in Brain Science* (pp. 123-131). New York: Dana Press.
- 2. Denburg, N. L., & Hedgcock, W. (2015). Age-associated executive dysfunction, the prefrontal cortex, and complex decision making (pp. 79-101). In T. Hess, C. Loeckenhoff, & J. Strough (Eds.), *Aging and Decision-Making: Empirical and Applied Perspectives.* New York: Elsevier.
- 3. Yamada, T. H., Denburg, N. L., & Tranel, D. (2017). Approach to the patient with memory impairment. In Biller, J. (Ed.), *Practical Neurology* (5th ed.). Philadelphia: Lippincott-Raven.
- Denburg, N. L., Collins, S. M., Garcia, N., & Cole, P. (2022). Self-evaluation worksheets enhance elder financial decision making. *Frontiers in Psychology*, 13, 790088. doi.org/10.3389/fpsyg.2022.790088

Breaking the Scam Spell

Michelle Pilsworth

Head of Fraud & Complaints Santander Bank UK

Chris Ainsley

Head of Fraud Risk Management Santander Bank UK

Nikki Bargains

Senior Vice President, Aging & Vulnerable Client Program Manager Bank of America



Navigating the Double-Edged Sword: AI, Fraud and Banking

Lisa Matthews

Senior Director Ally Bank

Ari Redbord

Global Head of Policy TRM Labs

Howard Tischler

CEO EverSafe

John Carlson

SVP, Cybersecurity Regulation and Resilience
American Bankers Association





Elder Financial Exploitation SARs and Enforcement Actions

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Heather Trew

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Making Cross-Sector Collaboration Work

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David Aumiller

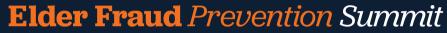
VP Fraud Risk Manager HSBC Bank





- Include all witnesses' & investigators' contact information in the APS/law enforcement referral – this allows the agency to contact those individuals with direct knowledge of the circumstances.
- Include the filer's mailing address and/or email address in the APS/law enforcement referral this enables the states who reply in writing to notify the correct location.
- Provide your FI's subpoena and warrant process in the APS/law enforcement referral – this will expediate the resolution of the case.
- On your FI's public website, include instructions to submit a subpoena or warrant.
- Invite APS and law enforcement to provide training or do a Q&A with your front-line staff – this fosters a working relationship with your local APS/law enforcement partners.

- Invite APS and law enforcement to a client gathering to share safety tips – builds good will with your client and the APS/law enforcement partners.
- Encourage staff to report all unusual activity/elder exploitation/abuse red flags.
- On your public FI's website, include elder abuse information, a link to your local APS website, and national organizations that provide support to consumers.
- When filing a SAR that indicates Elder Financial Exploitation ensure you have submitted your local APS/law enforcement referral.
- When following up on a referral, consider asking for a general statement on the resolution – not all states can share specific details.







Guardians at the Gate: Empowering Staff to Spot and Stop Scams and Financial Abuse

Darius Kingsley

Head of Consumer Banking Practices JPMorgan Chase

Ray Olsen

SVP, Senior Director of Enterprise Fraud Management Wintrust Financial Corporation

Laurel Sykes

EVP, Chief Risk Officer American Riviera Bank

Jim Hitchcock

VP, Fraud Mitigation American Bankers Association





ABA Foundation Resources



Training to Empower Bankers

It's essential for bank personnel to identify elder financial exploitation (EFE). Learn how to prevent EFE, support victims of financial crimes, file Suspicious Activity Reports (SARs) and more.

LEARN MORE >



Consumer Outreach and Awareness

Educate consumers so they can safeguard their financial assets and identities. Engage with your community using free programs like Safe Banking for Seniors.

LEARN MORE >



Partnerships with Law Enforcement and APS

Bankers don't have to fight elder financial exploitation alone. We have resources to help you foster relationships with law enforcement and adult protective services to protect older customers.

LEARN MORE >

ABA PARTNER NETWORK

Leveraging Technology for Good

Harness the power of tech innovations and solution providers from the ABA Partner Network to protect your customers and your bank.

LEARN ABOUT OUR PARTNERS >

Aba.com/OlderAmericans







