



Why is Fraud Freaky?

Fraud, deceit, and hoaxes distort markets and misallocate capital.

Topics

- Death Arbitrage
- Ponzi Schemes
- Company Specific Scandals





Death Arbitrage

Background

- Esoteric Estate Planning
 Tools Issued by Banks
- Joint-Ownership CDs
- Bonds Redeemed
 Immediately at Par
 (hidden puttable bond)
- Enables Risk Transfer
- Adverse Selection

Idea

- Most Estate Insurance Plans assumed average lifespans
- Use contacts at nursing homes and hospices to identify terminally ill people with these "death bonds"
- Death put + terminal illness= death arbitrage

Outcome

- Hedge fund arbitrage strategy, banks would refuse to redeem bonds
- "fair exploitation of wall street loophole"
- Legal issues in practice, notion of the corporation
- SEC sides with insurance





Ponzi Scheme

Overview

- Old investors get told about great returns. Withdrawals covered by capital from new investors.
- Rob investor A to pay investor B
- Works until capital can no longer cover withdrawals

Original Ponzi

- Charles Ponzi's postal stamp
- Stamps used to be cheaper in Italy than in US
- Actually worked! (kinda)
- Promised 50% profits in 45 days, 100% in 90 days

Bernie Madoff

- Most notorious Ponzi
- Madoff had extremely impressive returns
 (~10% for decades)
- Stole \$20B from clients that he claimed was worth \$65B





Libor Fixing Scandal

Summary

- Interbank rate tied to many contracts and agreements
- Banks were supposed to report the real cost of borrowing and lending
- Ideally functions as a barometer of lending health
- Structure is gameable

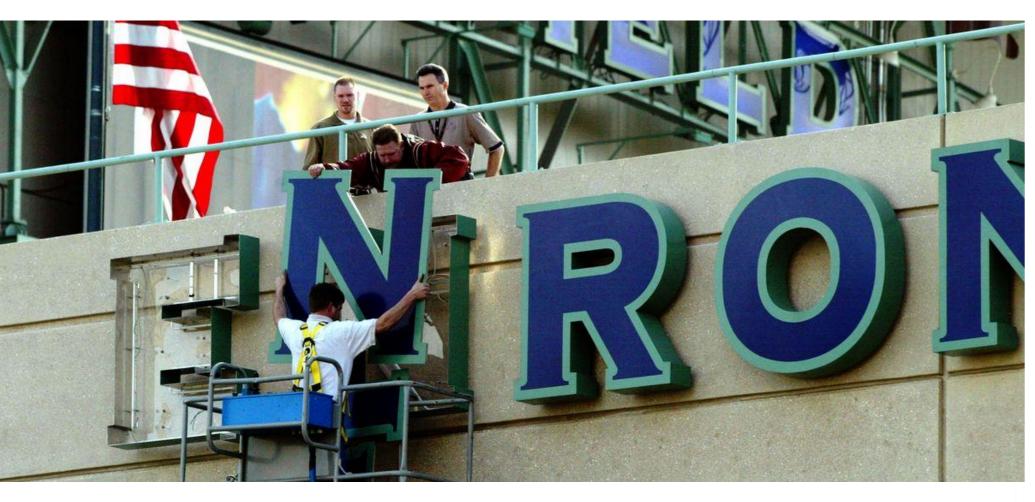
Examples

- RBS rates traders in Singapore sent IMs asking for the firms yen Libor submission to be adjusted
- Series of investigations and reports from governments and financial media makes
 BBA transfer Libor to govt.

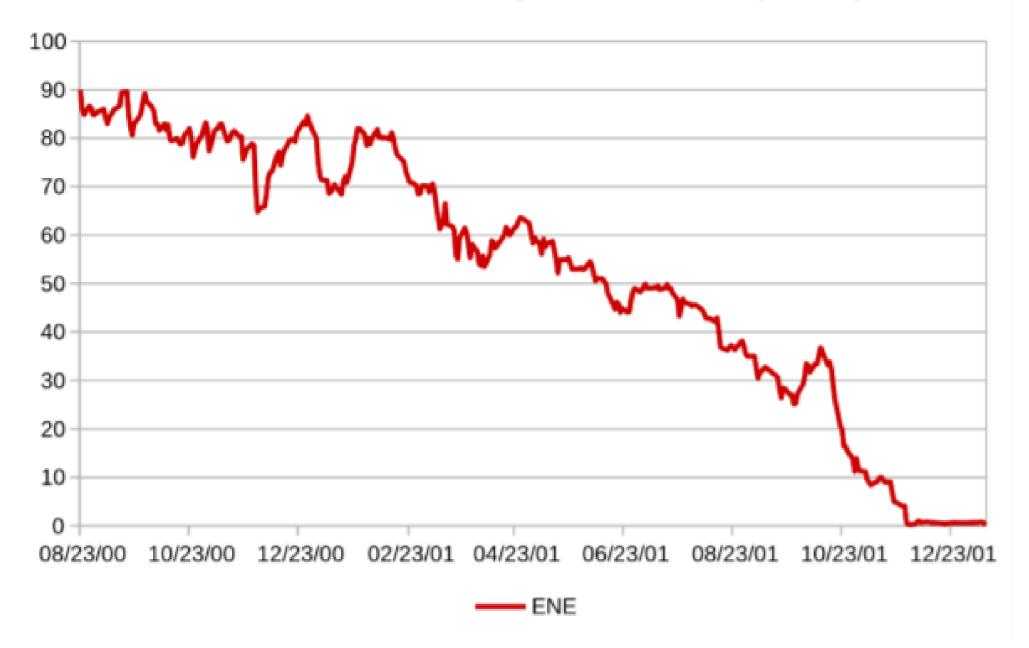
Legacy

- Increased urgency in the implementation of market based rates (SOFR)
- Deepened public distrust of major financial intuitions





Enron Stock Price from August 23, 2000 to January 11, 2002



Enron

Accounting Fraud, Lies, Assholes

Accounting Issues / Earnings Manipulation

- Revenue Recognition Fraud
- Downfall of Arthur Andersen
- Earnings Targeting Rather than Operations Targeting

Aggressive Culture but a Market Darling

- Accusations / Critics all ignored
- Debt paydown to reassure everyone (but nobody noticed that they used more debt to do it)
- Dynegy intervention?





Bre-X

- Penny stock CEO is convinced to invest in Indonesian mine by two geologists
 - One of whom has 5 independent wives who know nothing about the others
- Crushed core samples used to continuously drive up gold reserves in land
 - "nugget effect" used as justification
- Junior geologist confusion at core samples lying around open and due diligence from competitors
- Indonesian government revokes Bre-x license, enters split deal with Freeport-McMoRan to begin excavation
- Freeport finds 0.01 g/tonne vs promised 4.39
- Equity research clueless throughout this process
- Helicopter death, robbery, torture, everyone gets away with it but the lawyer





Salad Oil Scandal



Anthony "Tino" De Angelis

- Con-man at young age as a teenager he worked in meat market managing 200 employees. He overcharged government under National School Lunch Act and delivered 2 million pounds of uninspected meat.
- Takes advantage of government programs through Salad Oil Scandal, stashed money in Swiss Bank Account.
- Then Jailed for 7 Years after release Tino becomes involved in Ponzi Schemes.

Didn't even try to hide his fraud

1.

Tanks filled with water not oil

• Tanks were filled mostly with water with a minimum of oil floating on the top to fool the inspectors, or that some of the tanks were connected with pipes to other tanks so the oil could be transferred between tanks when the inspectors went from one tank to the other.

2.

USDA Inventories

- The receipts and reported inventories that De Angelis had were more than the entire United States inventories as reported by the USDA.
- Only had \$6 million of the \$150 million collateral.

16 Wall Street firms bankrupted. 51 companies struck with bad loans. Main brokers, Williston & Beane and Ira Haupt & Co., bailed out for \$450 million.

Futures markets crashed. Soybean traded at \$9.875 a bushel to \$7.75 after his scheme collapsed.

Result

Dow Jones loses \$11b in value and NYSE halted trading.

American Express loses \$58 million and stock of the company also drops 50% in value. Buffet buys 5% of company at this discount and makes 10x returns on investment.



Sino-Forest Corporation



Sino-Forest Corporation

Sino-Forest

 Sino-Forest is a Canadian company claimed to be one of the top commercial forest plantation operators in China with \$3 billion in timber assets

Muddy Waters

• In 2011, Muddy Waters Research released a report alleging that they had fraudulently inflated their assets and earnings

Ponzi Scheme

 They claimed it was a "multibillion dollar Ponzi scheme" that was "accompanied by substantial theft"



Muddy Waters and its impact on share prices Sell-side research firm Muddy Waters has amassed a perfect record of sinking the stocks it reports on, with none nearing their former highs. Stock performance – percent Output Duoyuan Global Water 29.3% Orient Paper ▼55.9% Sino-Forest ▼71.3% China MediaExpress ▼ 93.1% Finding days after Muddy Waters report Source: Thomson Reuters Sell-side research firm Muddy Waters has amassed a perfect record of sinking the stocks it reports on, with none nearing their former highs. Stock performance – percent Orient Paper ▼ 55.9% RINO International ▼ 84.7% China MediaExpress ▼ 93.1% FEUTERS

Reuters graphic/Stephen Culp

Sino-Forest Aftermath

Aftermath

 After the report, shares fell 82%, Paulson sold his entire stake, and S&P downgraded their credit rating

OSC

 Ontario Securities Commission's investigation had trouble verifying company assets and alleged that Sino-Forest falsified ownership and documentation of those assets

Bankruptcy

 In 2012, Sino-Forest Filed for bankruptcy protection in Canada and all assets were handed to debt holders







Gowex

Summary of Fraudulence

- Overstated earnings by 10x actual revenues were 10% of what was reported in financial statements
- Owns 5k networks CEO stated that company owned 100k
- Audit fee was \$40k, which only makes sense if actual revenues were 10% of what was reported.
- 90% of revenues were from undisclosed related parties, tied to the CFO and an early investor. AKA Gowex's largest customer was itself
- Gowex told investors that NYC pays Gowex 7.5m. Real number was 200k.
- Head of IR was CEO's wife (she signed off on GOW's annual reports), and CEO previously was a director at a penny stock fraud company.





Short Climb, Long Fall

Shares of Let's Gowex SA fall sharply after Gotham City Research report questioning the Spanish technology firm's finances, news preceded by an increase in Gowex short positions.



GCR vs. Gowex

Summary of Gotham City Research

- Companies suspected of large-scale fraud are brought to justice by attempting to drive down their share price through the publication of critical financial reports and short positions in its stock.
- Within days of alleging that Gowex, a Spanish wi-fi provider, had cooked its books, the company <u>admitted it was bankrupt</u> and four years of accounts were worthless.
- Gotham's superhero image has been enhanced by a refusal to reveal any details about its identity, other than the name of its founder – Daniel Yu.