

# INDEX

- A**
- Aberration of conduct, 352
  - Absconders, 61
  - Abuse
    - defined, 8
    - vs. fraud, 8–9
    - occupational fraud, 53
  - Accidental fraudster, 70
  - Account analysis method, 494
  - Accounting anomalies, 281–283
  - Accounting changes, 248
  - Accounting estimates, 494
  - Accounting personnel, fraud prevention and deterrence, 463
  - Accounting principles and fraud
    - conceptual framework for financial reporting, 230–233
    - responsibility for financial statements, 233
    - types of financial statements, 233–234
    - types of fraudulent financial statement schemes, 234–238
    - users of financial statements, 233
  - Accounts payable, 377
  - Accounts receivable, 249, 376
  - Accredited in Business Appraisal Review (ABAR), 48
  - Accredited in Business Valuation (ABV), 46–47, 505
  - Accrual accounting, 96
  - Accusations, 351
  - Accuser's actions, 352
  - ACL Services Ltd., 380
  - Adelphia*, 226–227
  - Adequate hacker detection programs, 436
  - Adequate reporting programs, 221–222
  - Adjusted income reconciliation, 516
  - Admission-seeking interview, 341
    - accusation, 351
    - accuse the subject of committing the offense, 350
    - benchmark admission, 353–354
    - defuse alibis, 353
    - delays, 351
    - interruptions, 351
    - observe reaction, 351
    - rationalization, 351–353
    - reasoning, 351
    - signed statement, 355–357
    - verbal confession, 354–355
  - Admission-seeking questions, 349–350
  - Affirmative Acts, 416
  - African organized crime, 399
  - After-hours sales, 120–121
  - AICPA and Statement on Auditing Standards No. 99, 98–99, 562–564
  - Albrecht, W. Steve, 465
  - Alibis, diffusing, 353
  - Allocated costs, 494
  - Alteration
    - inventory records, 141
    - password generation, 436
    - payee scheme, 167–169
    - receipts, 189
    - sales, 182
  - Altered documents, 313–314
  - Altheide, David, 66
  - Altruism, 352
  - American Institute of Certified Public Accountants (AICPA), 46–47, 98–99, 482, 562–564
  - American Society of Appraisers (ASA), 505
  - Analyst's Notebook i2, 386–387
  - Analytical anomalies, 280–281
  - Anatomical physical responses, 359
  - Anonymous communications, fraud prevention and deterrence, 463
  - Antifraud, 443–445
    - and compliance efforts
    - compliance, 457–459
    - ethics, 452–457
    - fraud deterrence, 459–468
    - fraud prevention, 468–472
    - environment, 559–560
    - practitioner, perspectives from, 451
    - professionals and auditors, 487
  - Anti-hacker measures, 436
  - Anti-money-laundering efforts, 415
  - Antivirus software, 440
  - Application software viruses, 437
  - Arrogance, 65
  - Arthur Andersen, 238
  - Artificial intelligence (AI), 292, 368, 443–445
  - Ask Until You Admit, 556
  - Assessment questions, 346–349
  - Assets
    - management, 377
    - misappropriations, 6
    - for recovery, 544
    - requisitions and transfers, 138–139
    - seizure of, 546
  - Assets to equity, 256
  - Asset valuation models, 510
  - Association for Investment Management and Research (AIMR), 505
  - Association matrix, 381–382
  - Association of Certified Anti-Money Laundering Specialists (ACAMS), 47
  - Association of Certified Fraud Examiners (ACFE), 46, 397, 482
  - Association of International Certified Professional Accountants, 511
  - Attempt and conspiracy, 106
  - Attorney-client privilege, 84
  - Attorney work-product privilege, 84
  - Audio/electronic surveillance, 83
  - Audit committees, 45, 275–276
    - fraud prevention and deterrence, 461–462
  - Auditing, role of, 11–12
  - Auditor Independence, 104
  - Auditor reports to audit committees, 104
  - Authentication, 87
  - Authorized maker schemes, 169–172
  - Automatic check-signing instruments, 164
- B**
- Backdoors, 436
  - Background questions, 344
  - Bad debts, 126
  - Balance sheet, 94
  - Balance sheet 2013–2018, 501–502
  - Balance sheet adjustments
    - deferred taxes, 515
    - excess cash, 514–515
    - furniture, fixtures and equipment, 515
    - inventory, 515
    - land, 515
  - Balkan organized criminal enterprises, 399
  - Bank, credit card, and investment statements, 309
  - Banking system in United States, 407–409
  - Bank Issuer Model, 445
  - Bank records method/analysis, 320–322
  - Bankruptcy fraud, 418–419
  - Bankruptcy loopholes, 107
  - Bank Secrecy Act (BSA), 403, 405–406
  - Basic accounting principle, 91–94
    - accrual accounting, 96
    - balance sheet, 94
    - income statement, 94
    - performance assessment and decision making, 96–98
    - statement of cash flows, 94–96
  - Batch controls, 369
  - Bearer securities, 413

- Before and after method, 492  
 Behavioral red flags, 62, 280  
 Behavior blocking scanners, 440  
 Below-market discount methods, 522  
 Benchmark admission, 353–354  
 Benchmark ("Yardstick") method, 492–493  
 Benford's Law, 367, 378  
 Best evidence rule, 88  
 Bid pooling, 209–210  
 Bid-rigging schemes  
   pre-solicitation phase, 208–209  
   preventing and detecting, 210–211  
   solicitation phase, 209–210  
   something of value, 211  
   submission phase, 210  
 Bid splitting scheme, 209  
 Billing schemes  
   fraud prevention  
     corruption, 470  
     nonaccomplice vendor frauds, 471  
     personal purchases, 471  
     shell companies, 470  
   nonaccomplice vendors, 154–156  
   personal purchases with company funds, 156–161  
   Shell company schemes, 150–154  
 Bitcoin, 432  
 Black Market Peso Exchange, 409  
 Blank checks, 169  
 Blockchain, 427, 432  
 Bluetooth-enabled wireless credit card skimmers, 135  
 Board of directors, 44–45, 275–276, 461  
 Boddie, Stephanie, 269  
 Bogus supporting documents, 175  
 Bonds, 545  
 Book value, 506  
 Boot sector viruses, 437  
 Borrowing, 60  
 Breach, 54  
 Breach of duty, 54–55  
 Bribery  
   bid-rigging schemes, 207–211  
   diverting business to vendors, 204–205  
   kickback schemes, 204–206  
   overbilling schemes, 205–206  
   preventing and detecting kickback schemes, 206–207  
   slush funds, 206  
 (UK) Bribery Act, 407  
 Bucket shops, 421  
 Buffer overflow exploits, 436  
 Buffer overflow program, 436  
 Bulk cash smuggling, 411  
 Business  
   combinations, 250  
   diversions, 216  
   reversals, 57  
   risk (operating) analysis ratios, 97
- C**  
 Calibrating, 346  
 Capability, 62–68  
   arrogance, 65  
 Capital asset pricing model (CAPM), 507, 508  
 Capitol Forum  
   concealed liabilities and expenses, 246–247  
   Snap-on, 244  
   subscription pricing and revenue recognition, 244–246  
 Capitalized earnings, 507  
 Capitalized expenses, 246–247  
 Careers, 40–41  
   ACAMS, 47  
   American Institute of Certified Public Accountants, 46–47  
   Association of Certified Fraud Examiners, 46  
   background, 40  
   corporate governance, 44–46  
   criminology, 42  
   education, 49–51  
   Forensic CPA Society, 47  
   government and nonprofits, 41–42  
   information systems and computer forensics, 43–44  
   Information Systems Audit and Control Association, 47–48  
   Institute of Internal Auditors, 48  
   intelligence, 42  
   International Fraud Examination and Financial Forensics, 49  
   law enforcement agencies, 42  
   law firms, 42  
   professional services firms, 41  
   psychology, 42  
   public and private companies, 41  
   regulatory agencies, 41  
   role of research in a profession, 51  
   Society of Financial Examiners, 48–49  
   sociology, 42  
 Case-by-case method, 522  
 Case management software  
   Analyst's Notebook i2, 386–387  
   LexisNexis CaseMap, 387  
 CaseMap®, 387  
 Cash  
   counts/cash register tapes alteration, 131  
   disbursement, 377  
   flow analysis, 257–258  
 Cash larceny schemes  
   big data and data analytic techniques, 134–135  
   cash larceny from the deposit, 132–134  
   larceny at the point of sale, 129–131  
   larceny of receivables, 131–132  
 Cash receipts schemes, 129
- Cash register manipulation, 119–120  
 Cash T account, 322–323, 325  
 Casinos, 412  
 Cause in fact, 54  
 Cell phone, 415  
 Central banks, 409  
 Certified Anti-Money Laundering Specialist (CAMS), 47  
 Certified Fraud Examiner (CFE), 46  
 Certified in Financial Forensics (CFF), 47  
 Certified Information Security Manager (CISM), 48  
 Certified Information Systems Analyst (CISA), 48  
 Certified Information Technology Professional (CITP), 47  
 Certified Internal Auditor (CIA), 48  
 Certified Valuation Analyst (CVA), 48  
   credential, 482  
 Chain letters, 442  
 Chain of custody, 88  
 Change detection scanners, 440  
 Channel stuffing, 243–244  
 Character testimony, 358  
 Charge accounts, 159  
 Check-for-currency substitutions, 122  
 Checks payable, 163–164  
 Check tampering schemes  
   altered payee scheme, 167–169  
   authorized maker schemes, 169–172  
   concealed check schemes, 169, 170  
   concealing, 172–176  
   forged endorsement schemes, 165–167  
   forged maker schemes, 161–164  
 Chief executive officer (CEO), 6, 103, 228, 398  
 Chief financial officer (CFO), 6, 103, 229, 398  
 Chief operating officer (COO), 398  
 Children, injuries, 527  
 Churning, 420–421  
 City government, 325  
 Civil certifications, 103  
 Civil justice system  
   complaints and pretrial activity, 90  
   negotiated settlements, 90–91  
   pretrial motions and the civil trial, 91  
 Civil liability whistleblower protection, 106  
 Civil litigation, 54–55, 457, 546  
 Clark, John P., 66–68  
 Clearing House Interbank Payments System (CHIPS), 410, 411  
 Closed questions, 343  
 Closing questions, 345–346  
 Coal Expert Report, 500  
 Coal mining expert, 504  
 Codes of ethics for senior financial officers, 105  
 Collection ratio, 255

- Collusion
  - among multiple individuals, organizations, or jurisdictions, 397
  - mixing legitimate and illegal activities, 397–398
  - need to isolate illegal activities, 398
  - bid-rigging schemes, 472
  - billing schemes, fraud prevention, 470
  - and collusive groups, 71–72
- Combating internet fraud, 443
- Commercial banks, 408
- Commercial bribery, 203
- Commercial damages
  - accounting methods, 488
  - application, 500–504
  - business and organization types, 488
  - capital structure ratios, 491
  - causality, 489
  - communication and defending, 499–500
  - critical thinking skills, 488
  - economic framework, 490–491
  - economic loss/restitution damages, 489
  - financial profitability, 488
  - financing cash flow assessment, 491
  - Genuine's claim for damages, 500–501
  - historical performance and financial conditions, 490
  - incremental costs determination, 493–495
  - legal framework, 489
  - liability, 488
  - loss period, 489–490
  - lost profits determination, 493
  - lost revenues quantification and increased expenses, 492–493
  - nonfinancial data, 490
  - operational performance, 488
  - Reliance damages, 489
  - standard industrial classification code, 490
  - time value of money, 498–499
  - tort/breach of contract, 489
  - types, 489
  - valuation litigation engagements, 488
  - variable cost application, 495–498
- Commission schemes
  - altered sales, 182
  - detecting, 182–186
  - fictitious sales, 182
- Committee of Sponsoring Organizations of the Treadway Commission (COSO), 228
  - Enterprise Risk Management Framework (ERM), 108–109
- Common fraud schemes, 7–8
- Company checks, 162–163
- Company-specific risk premium (RPu), 517
- Comparability and consistency, 233
- Compensation orders, 546
- Compensatory damages, 489
- Complaints and pretrial activity, 90
- Complex frauds
  - cyberspace, 443–445
  - financial crimes
    - bankruptcy fraud, 418–419
    - Bank Secrecy Act, 405–406
    - (UK) Bribery Act, 407
    - conspiracy, 404–405
    - drug trafficking, 400
    - Foreign Corrupt Practices Act, 406–407
    - mail fraud, 406
    - money laundering, 402–404
    - organized crime, 399–400
    - Racketeering Influence and Corrupt Organizations Act, 404
    - securities fraud, 420–421
    - tax evasion and fraud, 415–417
    - terrorist financing, 400–402
    - USA Patriot Act, 405
    - wire fraud, 406
- Compliance, 457–459
  - five-step approach, 457
  - verification, 376
- Comprehensive Crime Control Act, 430
- Computer Assisted Audit Tools and Techniques (CAATs), 367, 369
- Computer crime, 429
  - computer fraud vs., 429–430
  - international aspects, 431–433
  - losses, 430–431
- Computer forensics, 370
- Computer fraud
  - vs. computer crime, 429–430
  - principles, 430
- Computer Fraud and Abuse Act (CFAA), 430
- Computer-generated signatures, 164
- Computer virus, 437
- Concealed check schemes, 169, 170
- Concealed liabilities and expenses, 246–247
- Concealed offshore financial accounts, transactions, and loans, 315–316
- Concealing inventory shrinkage, 141–142
  - altered inventory records, 141
  - fictitious sales and accounts receivable, 141–142
  - physical padding, 142
  - write-off inventory and other assets, 142
- Concealment, 73, 313
- Confessions, verbal, 354–355
- Confidential sources and informants, 311
- Confiscation orders, 546
- Conflicts of interest
  - big data and data analytic techniques, 217–218
  - business diversions, 216
  - financial disclosures, 216
  - preventing and detecting, 216
  - provisions, 104
  - purchasing schemes, 214–215
  - resource diversions, 216
- Conjuncture of events, 61
- Conservatism, 232
- Conspiracy, 404–405
- Consulting, 482
  - types of, 484
- Conversion, 73
- Co-occupant consent rule, 86
- Cooper, Cynthia, 6, 227–228, 260, 336
- Coordinate International Money Movement Regulations, 446
- Corporate governance, 560–561
  - and fraud
    - boards of directors and audit committees, 275–276
    - fraud risk universe, 270
    - internal auditors, 276–277
    - management's responsibility, 270–273
    - role of the external auditor, 272–275
    - Satyam fraud, 270
  - role of, 110
- Corporate sentencing guidelines, 346
- Corporate violations, 70
- Correlation analysis, 375
- Corruption, 6, 201, 338
  - schemes, 203–204
- Cost behavior
  - accounting estimates, 494
  - allocated costs, 494
  - fixed costs, 493
  - methods, 494
  - mixed, 493
  - semi-fixed cost, 493
  - semi-variable, 493
  - variable costs, 493
  - zero production levels, 493
- Cost-benefit, 232
- Cost of equity, 499
- Costs of inventory misuse, 136
- Council of Europe Cybercrime Convention, 431
- Counterfeit checks, 163
  - scams, 442–443
- County government, 325
- Courtesy discounts, 132
  - Courts, fraud triangle, 299–300
- Covert operations, 310–311
- COVID-19 pandemic, 400, 432
- Crazy Eddie frauds, 9
- Credibility, 553–554
- Credit card, 309
  - refunds, 194
- Cressey, Donald R.
  - conclusion, 61–62
  - conjuncture of events, 61
  - Cressey's hypothesis, 56
  - importance of solving the problem in secret, 58
  - nonshareable financial pressures, 56–57
  - perceived opportunity, 59, 60
  - perceived pressure, 58
  - rationalizations, 59
  - violation of ascribed obligations, 57–58

- Crime
- financial
    - bankruptcy fraud, 418–419
    - Bank Secrecy Act, 405–406
    - (UK) Bribery Act, 407
    - conspiracy, 404–405
    - drug trafficking, 400
    - Foreign Corrupt Practices Act, 406–407
    - mail fraud, 406
    - money laundering, 402–404
    - organized crime, 399–400
    - Racketeering Influence and Corrupt Organizations Act, 404
    - securities fraud, 420–421
    - tax evasion and fraud, 415–417
    - terrorist financing, 400–402
    - USA Patriot Act, 405
    - wire fraud, 406
  - organizational, 53–54
  - against the state, 81
- Criminal and civil court actions
- evidence evaluation, 550–551
  - expert witness, character and flavor, 547–548
  - fact witnesses *vs.* expert witnesses, 548–549
  - investigation support, 549–550
  - report writing, 551–553
- Criminal and civil litigation and internal controls, 33
- Criminal certifications, 103
- Criminal conspiracy, 54
- Criminal Investigations Division (CID), 415
- Criminal justice funnel, 81
- Criminal justice system, 81, 88–89
- Criminal prosecutions, 21
- Criminal sanction whistleblower protection, 106
- Criminology, 53
- Critical thinking, 22–24
- Cross-examination, 555–556
- Crowe's Fraud Pentagon, 65
- Crypto Crime Report (2022), 117
- Cryptocurrencies, 117, 427
- Culture of Ethical Behavior, 455–456
- Currency Transaction Reports (CTRs), 311–312, 405–406
- Current ratio, 255
- Cyber banks, 409
- Cybercrime, 43
- computer fraud *vs.* computer crime, 429–430
  - digital devices roles, 429
  - Geek-olithic Era, 428
  - information technology infrastructure, 429
  - information warfare, 428
  - internet frauds, 429
  - personal computers, 429
  - reporting, 446
- Cyber Crime Task Forces, 446
- Cybercriminals, 444
- Cyberforensics, 43
- Cyber fraud
- combating internet fraud, 443
  - electronic commerce, 441
  - Identity Fraud Survey, 441
  - typical internet schemes, 441–443
- Cyberspace, 428
- complex frauds, 443–445
  - financial crimes, 443–445
  - money laundering, 445–446
- D**
- Damages, 54, 55. *see also* Commercial damages
- earnings losses analysis, 520–525
  - employment earnings, 520
  - injured children, homemakers and retired persons, 527
  - life-care costs, 520, 527
  - lost employment benefits, 525–526
  - lost nonmarket services, 526–527
  - medical and life-care costs, 527
  - medical costs, 520
  - nonmarket services, 520
  - personal injury, 520
  - personal injury and lost compensation application, 527–534
  - types, 520
  - wrongful death and survival cases, 521
- Data analytics and big data techniques, 32
- Databases, 324–328
- Data collection checklist, 334
- Data diddling, 435
- Data extraction
- and analysis software, 378–381
  - and analysis software functions, 375–378
  - and analysis tools and techniques, 374–375
- Data leakage, 435
- Data restoring, 372–373
- Data security, 439–440
- Date functions, 376
- Daubert standard, 85
- Death by a thousand cuts, 130–131
- Debiting the wrong account, 126
- Debt to equity, 256
- Deception
- nonverbal cues to deception, 359–360
  - physiology of deception, 357–358
  - verbal cues to deception, 358–359
- Decision making, evidence-based, 25–26
- DeKalb fraud scheme, 87
- Delays, 351
- Deleted emails, 372
- Deleted files recovery, 371–372
- Demonstrative evidence, 87
- Depersonalizing the victim, 352
- Deposition testimony, 501, 554
- Deposit lapping, 133
- Deposits in transit, 133
- Destroying or altering records of the transaction, 126
- Destruction of records, 132
- Deterrence, fraud, 283–284
- accounting personnel, 463
  - anonymous communications, 463
  - antifraud programs and controls, 461
  - audit committee, 461–462
  - board of directors, 461
  - corporate leadership, 461
  - early warning signals, 465–468
  - efforts, 461
  - environment, 456–457
  - five-step approach, 457
- Fraud Action/Reaction AFTER Discovery, 465
- fraud risk management and compliance program, 464–465
- human resources, 463
  - internal auditors, 462
  - internal controls and fraud prevention efforts, 459–460
  - legal and compliance, 464
  - line employees and staff, 463–464
  - organizational leadership, 462
  - perception of detection, 460–461
  - risk management, 460
- DiGabriele, Jim, 550
- Digital currency, 431–433
- Digital device
- hacking, 434–435
  - hacker manipulations, 435–436
  - social engineering, 435
  - roles, 429
- Digital environment, 368
- data extraction and analysis software, 378–381
- data extraction and analysis software functions, 375–378
- detection and examination in, 373–374
- framework for data extraction and analysis tools and techniques, 374–375
- Geek-olithic Era, 428
- IT audits and assurance activities, 369–370
- Neolithic Era, 428
- overview of information technology controls, 368–369
- Paleolithic Era, 428
- Digital evidence, 43, 292, 370–371
- EnCase, 371
- portable digital forensic labs, 371
  - recovering deleted emails, 372
  - recovering deleted files, 371–372
  - restoring data, 372–373
- Direct examination, 554–555
- Discounted earnings or cash flows method (DCF), 507
- Disgorgement of bonuses, 107
- Dismantling organizations using asset forfeiture and seizure, 398
- Distributed Denial of Service (DDoS), 444
- Divorce, 315–316

- Documentary evidence, 308–309
- Document destruction, 106
- Dodd-Frank Wall Street Reform and Consumer Protection Act, 108
- Double-declining-balance method, 233
- Drug trafficking, 400, 409–410
- Dummy company, 151
- Dumpster diving, 435
- Duplicate searches, 376
- Dupont Expression, 257
- Duty, 54
- Duty of loyalty, 215, 216
- Duty of reasonable care, 52
- E**
- Early warning signals, fraud deterrence program
- accounting anomalies, 465–466
  - analytical anomalies, 467–468
  - behavior symptoms, 468
  - internal control concerns, 466–467
  - lifestyle symptoms, 468
- Earnings losses, 520
- below-market discount methods, 522
  - career path, 522
  - case-by-case method, 522
  - discount rate, 525
  - early-stage investment capital, 524
  - earning capacity, 522
  - estimate of, 521
  - expected earnings, 522
  - life expectancy, 524
  - productivity gains, 524
  - taxes, 524
  - total-offset method, 522, 523
- Earnings management and fraud, 275
- Ebbers, Bernie, 227, 228
- Economic entity, 231
- Economic extortion, 213
- Economic framework for damages, 490–491
- gross domestic product, 490
  - ratio analysis, 491
- Economic loss, 430
- restitution damages, 489
- Effective interviewing and interrogation, 82.
- see also* Interrogations; Interviews
  - admission-seeking questions, 349–350
  - assessment questions, 346–349
  - in cases of suspected fraud or corruption, 338
  - closing questions, 345–346
  - in fraudulent financial statement and tax return examinations, 338
  - general approach to conducting, 339
  - informational questions, 343–345
  - introduction, 337
  - introductory questions, 341–343
  - Joe Wells’ ten commandments, 350
  - judging deception, 357–361
  - preparation and planning, 339
  - steps in the admission-seeking, 350–357
  - three stages of, 340–341
  - of witnesses, 340
- Egmont Group, 404
- Election fraud, 201
- Electronic commerce (E-Commerce), 441
- Electronic detection and investigation, 43
- Electronic funds transfer (EFT), 93
- Electronic imaging, 370
- Electronic Signatures in Global and National Commerce Act (E-SIGN Act), 439
- Elias, Robert, 395
- E-mail, 312
- Employee, 53
- with approval authority, 205–206
  - deviance, 66
  - education, 221
  - perception of control, 67
- Employer-employee relationships, 58
- Employment Probability, 524
- EnCase, 371
- Encryption, 441
- Engagement, scope of the, 26
- Engineering studies, 495
- Enhanced financial disclosure requirements, 105
- Enhanced interrogation techniques, 336–337
- Enhanced penalties for white-collar crime, 106
- Enhanced review of periodic filing, 105–108
- Erasable ink, 168
- Ethical problem solving approaches
- law and rules, 453
  - means-ends analyses, 453
- Ethics
- at client entities, 455–457
  - definition, 453
  - principles, 453–454
  - problem solving approaches, 453
  - professional conduct, 455
  - trust and responsibility, 454
  - and values, personal behavior, 453–455
- Eurasian criminal enterprises, 399
- Evidence, 304–306
- organizing and documenting work product, 306–307
  - quality of, 306
  - rules of, 87–88
  - sources of the act, concealment, and conversion, 307–308
  - bank, credit card, and investment statements, 309
  - big data, data analytics, textual analysis, pattern recognition, and other digital tools, 312
  - confidential sources and informants, 311
  - CTRs, SARs, and FinCen 8300, 311–312
  - documents, 308–309
  - e-mail, text messages, social media, 312
  - interviewing and interrogation, 310
  - invigilation, 309–310
  - other physical evidence, 312–313
  - surveillance and covert operations, 310–311
  - sources specific to concealment, 313
  - altered documents, 313–314
  - general ledger, journal entries, and reconciling items, 314
  - tax returns, 314–315
  - sources specific to conversion
    - concealed offshore financial accounts, transactions, and loans, 315–316
    - databases, sources of information, and extra-organization intelligence, 324–328
    - error/fraud, 315
    - indirect methods of income reconstruction, 316–324
    - Internet searching, 327–329
    - locating hidden assets and unknown sources of income, 315
- Evidence-based decision making, 25–26
- Evidence-based examinations, 300
- Evidence-gathering order, 30–31, 338
- Excel, 378
- Excuse clause, 356
- Expense reimbursement schemes, 186–187
- fictitious expense reimbursement schemes, 190–191
  - mischaracterized expense reimbursements, 187–189
  - multiple reimbursement schemes, 192
  - overstated expense reimbursements, 189–190
- Expenses associated with related party companies, 502
- Expenses, capitalized, 246–247
- Expensing capital expenditures, 247
- Experts and expert witnesses, 484
- Expert witnessing, 482
- External audit, 45–46
- External auditor, 272–275
- External fraud, 7
- Extra-organization intelligence, 324–328
- Eyewitnesses, 338
- F**
- Facilitate International information sharing, 446
- Fact gathering, 343
- Fact witness, 548–549
- Failure to write down, 249
- Fair Labor Standards Act, 82
- Fair market value, 506
- Fake sale, 138
- Fake smiles, 360
- False expenses, 256
- False invoicing, 156–157
- False purchase requisitions, 158
- False refunds, 193–194
- False shipments of inventory and other assets, 139–140
- False voids, 194–195

- Falsified hours and salary, 180  
 collusion with a supervisor, 180–181  
 forging a supervisor's signature, 180  
 manually prepared timecards, 180  
 poor custody procedures, 181  
 preventing and detecting, 181–182  
 rates of pay, 181  
 rubber-stamp supervisors, 181  
 time clocks and other automated timekeeping systems, 181
- Falsifying disbursements journal, 174  
 Falsifying incoming shipments, 139  
 Family problems, 352  
 Federal Bureau of Investigation (FBI), 431  
 Federal government, 326–327  
 Federal law enforcement agencies, 446  
 Fictitious accounts receivable, 249  
 Fictitious expense reimbursement schemes, 190–191  
 Fictitious refunds, 193–194  
 Fictitious revenues, 240–241  
 Fictitious sales, 182  
 and accounts receivable, 141–142  
 Fictitious suppliers, 210  
 Fiduciary relationship, 5  
 Financial Accounting Standards Board (FASB), 96, 230  
 Financial crimes, 429–430  
 bankruptcy fraud, 418–419  
 Bank Secrecy Act, 405–406  
 (UK) Bribery Act, 407  
 conspiracy, 404–405  
 cyberspace, 443–445  
 drug trafficking, 400  
 Foreign Corrupt Practices Act, 406–407  
 mail fraud, 406  
 money laundering, 402–404  
 organized crime, 399–400  
 Racketeering Influence and Corrupt Organizations Act, 404  
 securities fraud, 420–421  
 tax evasion and fraud, 415–417  
 terrorist financing, 400–402  
 USA Patriot Act, 405  
 wire fraud, 406  
 Financial Crimes Enforcement Network (FinCen), 311–312  
 Financial disclosures, 216  
 Financial expert, 104  
 Financial forensics, 367  
 Financial profiling, 316  
 Financial Reporting Fraud (FRF). *see* Financial statement fraud  
 Financial risk (leverage) analysis ratios, 97  
 Financial Sector Assessment Program (FSAP), 446  
 Financial statement analysis, 252  
 cash flow analysis, 257–258  
 Dupont Expression, 257  
 nonfinancial numbers, 258–259  
 percentage analysis, 252–254  
 ratio analysis, 254–257
- Financial statement fraud, 228–230  
 costs of, 239–240  
 definition of, 238–239  
 deterrence of, 259–261  
 and other fraudulent statements, 6  
 Financial transactions and financial statements, 487  
 FinCen, 410  
 FinCen Form 8300, 311, 312  
 Fixed-point surveillance, 83  
 Fleeing position, 359  
 Flow diagram, 383–384  
 "Following the money," 544–545  
 Force balancing, 125, 132  
 Forced reconciliation, 141  
 Forecasting income and cash flows, 508–510  
 Foreign Corrupt Practices Act (FCPA), 211–213, 274, 406–407  
 Foreign trusts, 442  
 Forensic accountant, 541, 543  
 Forensic accounting, 443–445, 482, 483, 565  
 AICPA Practice Aid 07-1, 485  
 business operational settings, 484  
 careers, 40–41  
 ACAMS, 47  
 American Institute of Certified Public Accountants, 46–47  
 Association of Certified Fraud Examiners, 46  
 background, 40  
 corporate governance, 44–46  
 criminology, 42  
 education, 49–51  
 Forensic CPA Society, 47  
 government and nonprofits, 41–42  
 information systems and computer forensics, 43–44  
 Information Systems Audit and Control Association, 47–48  
 Institute of Internal Auditors, 48  
 intelligence, 42  
 International Fraud Examination and Financial Forensics, 49  
 law enforcement agencies, 42  
 law firms, 42  
 professional services firms, 41  
 psychology, 42  
 public and private companies, 41  
 regulatory agencies, 41  
 role of research in a profession, 51  
 Society of Financial Examiners, 48–49  
 sociology, 42  
 civil litigation claim, 487  
 competitive environment, 484  
 definition, 3  
 engagements, 29–31  
 examination tools and techniques, 487–488  
 fraud examination, 11–12  
 investigative techniques, 484–488  
 litigation advisory engagements, 10  
 nonfraud, 10  
 professional's skill set, 10–11  
 role of auditing, 11–12  
 Forensic and Valuation Services (FVS), 482  
 Forensic Certified Public Accountant (FCPA), 47  
 Forensic CPA Society (FCPAS), 47  
 Forensic investigative techniques, 484–488  
 confidential sources of information and evidence, 485–486  
 financial condition and non-financial evidence, 487  
 financial performance, 487  
 financial transactions analysis, 487  
 interviews of knowledgeable persons, 485  
 laboratory analysis of physical and electronic evidence, 486  
 physical and electronic surveillance, 486  
 public document reviews and background investigations, 485  
 undercover operations, 486–487  
 Forfeiture, 546  
 Forged endorsement schemes, 165–167  
 Forged maker schemes, 161–164  
 Forgery, 161  
 Foundation for Fraud Prevention and Deterrence, 455–457  
 4096 virus, 438  
 Fraud  
 vs. abuse, 8–9  
 bankruptcy fraud, 418–419  
 Bank Secrecy Act, 405–406  
 basics of, 12–22  
 (UK) Bribery Act, 407  
 common fraud schemes, 7–8  
 conspiracy, 404–405  
 corporate governance  
 boards of directors and audit committees, 275–276  
 fraud risk universe, 270  
 internal auditors, 276–277  
 management's responsibility, 270–272  
 role of the external auditor, 272–275  
 Satyam fraud, 270  
 cost of, 13  
 criminal history of the perpetrators, 19  
 drug trafficking, 400  
 earnings management and, 275  
 effect of age on median loss, 17  
 effect of collusion on median loss, 18–19  
 effect of education on median loss, 18  
 effect of gender on median loss, 17  
 effect of position on median loss, 16–17  
 elements of, 285, 304  
 examination, 11–12  
 Foreign Corrupt Practices Act, 406–407  
 impact of antifraud measures on median loss, 20

- interviews in cases of, 338
- investigations centered on the
  - elements of, 26–27
- legal elements of, 4–6
- mail, 406
- mail and wire, 54, 106
- major categories of, 6
- management, 248
- median loss based on size of the
  - organization, 19–20
- median loss based on type of
  - organization, 19
- methodologies used in fraud examinations, 29–31
  - detection and investigation, 33
  - predication, 33
  - prevention and deterrence, 33
  - remediation, 33
- money laundering, 402–404
- occupational, 53, 98
- organized crime, 399–400
- perpetrators of, 16
- Racketeering Influence and Corrupt Organizations Act, 404
- remediation, 20–21
- risk factors, 24–25
- schemes corresponding with the fraud tree, 13–16
- securities, 106, 420–421
- tax evasion and, 415–417
- terrorist financing, 400–402
- USA Patriot Act, 405
- victims of, 19
- wire, 406
- Fraud Action/Reaction AFTER Discovery, 465
- Fraud detection, 284
  - accounting anomalies, 281–283
  - analytical anomalies, 280–281
  - behavioral red flags, 280
  - internal control environment, 279
  - internal control irregularities and weaknesses, 283–284
  - power of nonfinancial numbers, 284–285
  - red flags, 285–286
  - social media, 277–278
  - tips and complaints, 280
  - understanding the business, 278
  - use of red flags, 279
- Fraud deterrence, 283–284
  - accounting personnel, 463
  - anonymous communications, 463
  - antifraud programs and controls, 461
  - audit committee, 461–462
  - board of directors, 461
  - corporate leadership, 461
  - early warning signals, 465–468
  - efforts, 461
  - environment, 456–457
  - five-step approach, 457
- Fraud Action/Reaction AFTER Discovery, 465
- fraud risk management and compliance program, 464–465
- human resources, 463
- internal auditors, 462
- internal controls and fraud prevention efforts, 459–460
- leadership behavior, 460
- legal and compliance, 464
- line employees and staff, 463–464
- organizational leadership, 462
- perception of detection, 460–461
- risk management, 460
- Fraud diamond, 65
- Fraud examination, 367, 482, 483
  - complete story, 304
  - evidence-based examinations, 300
- Fraud triangle, 302–303
  - hypothesis-evidence matrix, 300–302
  - M.I.C.E, 303
  - predication, 302
  - problem of intent, 304
- Fraud examiner, 549–550
- Fraud prevention, 283
  - billing schemes, 470–471
  - bribery associated with kickbacks and bid rigging, 470, 472
  - cash larceny, 469–470
  - check tampering, 471
  - corruption, bribery associated with kickbacks and bid rigging, 470, 472
  - environment, 456–457
  - expense reimbursement schemes, 471–472
  - five-step approach, 457
  - noncash misappropriation of assets, 470
  - payroll schemes, 471
  - register disbursements, 472
  - skimming, 469
  - tools and techniques, 469
- Fraud risk assessment (FRA), 148
- Fraud risk management and compliance program, 464–465
- Fraud risk universe, 270
- Fraud scale, 63–65
- Fraudster, 68–72. *see also* Fraud
  - accidental, 70
  - as authorizer of invoices, 156–157
  - blank checks, 169
  - erasable ink, 168
  - garden variety, 52
  - lacking approval authority, 206
  - predatory vs. situational, 69–71, 396–397
  - reconciling the bank statement, 172
  - situational, 69
- Fraud theory approach, 11, 27, 29
- Fraud Tree, 8, 118
- Fraud triangle, 148, 285
  - court and the meta-model, 72–74
  - courts, 299–300
- Cressey, Donald R.
  - conclusion, 61–62
  - conjunction of events, 61
  - Cressey's hypothesis, 56
  - importance of solving the problem in secret, 58
  - nonshareable financial pressures, 56–57
  - perceived opportunity, 59, 60
  - perceived pressure, 58
  - rationalizations, 59
  - violation of ascribed obligations, 57–58
- opportunity, perceived pressure, and rationalization, 302–303
- Sutherland, Edwin H., 55–56
- Fraudulent checks, 164
- Fraudulent disbursements, 154, 161, 175, 193, 206, 214
- Fraudulent financial reporting
  - attitudes/rationalizations, 563, 564
  - incentives/pressures, 562, 563
  - opportunities, 562–564
- Fraudulent financial statement
  - interviews, 338
  - schemes, 238
    - concealed liabilities and expenses, 246–247
    - costs of, 239–240
    - definition, 238–239
    - detection of, 252–259
    - deterrence of, 259–261
    - fictitious revenues, 240–241
    - improper asset valuation, 248–251
    - improper disclosures, 247–248
    - Snap-on, 244
    - subscription pricing and revenue recognition, 244–246
    - timing differences, 241–244
    - types of, 234–238
- Fraudulent write-offs/discounts, 126
- Freedom of Information Act (FOIA), 117
- Freedom of Information Law (FOIL), 117
- Free-hand forgery, 164
- Freezing of assets, 106
- Freezing orders, 545
- Front running, 421
- FTX, 427
- Full disclosure, 216
- G**
- Garden variety fraudster, 52
- Geek-olitic Era, 428
- Gender, 62–68
- Generalization principle, 454
- General ledger, 314, 376
- Generally accepted accounting principles (GAAP), 92
- Generally accepted auditing standards (GAAS), 11
- Genuine Coal Corporation, 500–501

- Genuine financial need, 353
- Genuine financial performance analysis, 503–504
- Genuine's clean ton production, 504
- Get-rich-quick, 442
- Ghost employee, 177–179  
 adding the ghost to the payroll, 178  
 collecting timekeeping information, 178  
 delivery of the paycheck, 179  
 ghost's paycheck, 178  
 preventing and detecting, 179  
 schematic, 177
- Global Payments Systems Mapping Project, 446
- Going concern, 231
- Grant funds, 148
- Graphical formats, 385
- Graphical tools, 31–32
- Graphics and graphics software  
 association matrix, 381–382  
 flow diagram, 383–384  
 graphical formats, 385  
 link charts, 382–383  
 Microsoft Visio, 386  
 Tableau, 386  
 timelines, 384–385
- Graphs, data, 495
- Greed, 219
- Gross margin, 256
- Guide to Audit Data Analytics, 375
- H**
- Hacker, 434–435  
 manipulations, 435–436  
 social engineering, 435
- Hamada adjustment, 508
- Hanley, Michael P., 299
- Hardware, 439–440
- Harmonize, 446
- Harper, Jacqueline, 556–557
- Hassell, Jonathan, 432
- Hawala dealer, 409
- Heitger, Les, 547
- Heuristic scanners, 440
- High to low method, 494–495
- Historical cost, 231
- Hollinger, Richard C. and Clark, John P./Hollinger-Clark study, 66–68
- Homemakers and retired persons, injuries, 527
- Horizontal ratio analysis, 376
- HTTP exploits, 436
- Human factor, 218–219  
 greed, 219  
 understanding fraud deterrence, 220–222  
 unreasonable expectations, 220  
 wages in kind, 219–220
- Human resources, fraud prevention and deterrence, 463
- Hypothesis-evidence matrix, 27–29, 300–302
- I**
- IDEA data analysis software, 378–380
- Identity Fraud Survey, 441
- IIA Practice Advisories 1210.A1 and 1210.A2, 109–110
- Illegal activities  
 mixing legitimate and, 397–398  
 need to isolate, 398
- Illegal gratuities, 213
- Illustrators, 359
- "I Love You" virus, 437
- Imperative principle, 453–454
- Impersonation, 436
- Improper asset valuation  
 accounts receivable, 249  
 business combinations, 250  
 failure to write down, 249  
 fictitious accounts receivable, 249  
 inventory valuation, 249  
 long-term assets, 250–251
- Improper disclosures, 247–248
- Income reconstruction, 316–324
- Income statement, 94
- Income statement adjustments  
 lease expense, 516  
 net income, 516  
 officer compensation, 516  
 taxes, 516
- Income statements 2009–2013 and 2014–2018, 501
- Incremental costs determination, 493–495
- Incremental revenues, 493
- Independent businessmen, 60
- Industry practice, 232
- Influence of the organization, 62–68
- Informal value transfer system (IVTS), 413–414
- Informational questions, 343–345
- Information Sharing and Analysis Center (ISAC), 446
- Information Systems Audit and Control Association (ISACA), 47–48
- Information systems governance and controls, 43
- Information technology (IT), 367–369
- Initial Coin Offerings (ICOs), 427
- Injured homemakers and retired persons, 527
- Insider threats, 434
- Insider trading, 421
- Inspections of registered public accounting firms, 108
- Institute of Internal Auditors (IIA), 48
- Insurance, 545
- Insurance industry, 412–413
- Intercepted check schemes, 175
- Internal audit, 45
- Internal auditors, 276–277  
 fraud prevention and deterrence, 462
- Internal control environment, 279, 557  
 antifraud environment, 559–560  
 corporate governance, 560–561  
 management override risk, 561  
 policies and procedures, 560  
 risk assessment, 560  
 root cause and critical thinking, 558–559  
 symptoms, 561–562
- Internal control irregularities and weaknesses, 283–284
- Internal fraud, 7
- Internal Revenue Service (IRS), 81, 415
- Internal Revenue Service and the Securities and Exchange Commission, 439
- International Fraud Examination and Financial Forensics, 49
- International Monetary Fund (IMF), 432, 446
- International Money Laundering Abatement and Anti-Terrorist Financing Act of 2001, 405
- International money movement, 410–411
- Internet auction fraud, 443
- Internet-based retailers (ISPs), 436
- Internet Crime Complaint Center (IC3), 446
- Internet fraud, 429  
 combating internet fraud, 443  
 cyber fraud, 440–441  
 digital devices  
 new threats for, 442–443  
 old frauds adapted for, 442
- Internet Fraud Watch (IFW), 441
- Internet of Things (IoT), 429
- Internet searching, 327–329
- Interrogations. *see also* Effective interviewing and interrogation; Interviews  
 admission-seeking questions, 349–350  
 assessment questions, 346–349  
 closing questions, 345–346  
 informational questions, 343–345  
 introduction to, 337  
 introductory questions, 341–343  
 judging deception, 357–361  
 preparation and planning, 339  
 steps in the admission-seeking interview, 350–357  
 two stages of, 341
- Interruptions, 351
- Interviewing and interrogation, 310
- Interviews, 82  
 admission-seeking questions, 349–350  
 assessment questions, 346–349  
 in cases of suspected fraud or corruption, 338  
 closing questions, 345–346  
 in fraudulent financial statement and tax return examinations, 338  
 general approach to conducting, 339  
 informational questions, 343–345  
 information collected in, 365–366  
 introduction, 337  
 introductory questions, 341–343  
 Joe Wells' ten commandments, 350  
 judging deception, 357–361  
 preparation and planning, 339



- three stages of, 340–341
  - of witnesses, 340
  - Introductory questions, 341–343
  - Inventory turnover, 255, 256
  - Inventory valuation, 249
  - Investigations and disciplinary proceedings, 108
  - Investment, 442
    - process, 427
    - statements, 309
    - value, 506
  - Invigilation, 309–310
  - IRS Form 8300, 405–406
  - Islamic American Relief Agency (IARA), 395
  - Islamic State of Iraq and Syria (ISIS), 402
  - Islamic State of Iraq and the Levant (ISIL), 402
  - IT audits and assurance activities, 369–370
  - IT audit security, 433
- J**
- Job satisfaction and deviance, 66
  - Joe Wells' ten commandments for effective interviews, 350
  - Joining files, 375
  - Journal entries, 314
  - Judging deception
    - ability to, 360–361
    - nonverbal cues to deception, 359–360
    - verbal cues to deception, 358–359
  - Judgments, 545–546
  - Judicial injunctions, 545/
- K**
- Kickback scheme, 204, 205, 384
  - "Know your customer" (KYC), 432
  - Kranacher, Mary-Jo, 117
  - Kresse, William J., 201
- L**
- Lack of conscience, 65
  - La Cosa Nostra (LCN), 399
  - Lanza, Richard B., 221
  - Lapping, 125
  - Larceny. *see also* Cash larceny
    - at the point of sale, 129–131
    - of receivables, 131–132
  - Leadership, 32
  - Leading questions, 343–344
  - Legal and compliance, fraud prevention and deterrence, 464
  - Legal elements of fraud, 4–6
  - Legal methods, recovery of assets, 545–546
  - Lessons learned, 565
  - LexisNexis CaseMap, 387
  - Liability/expense omissions, 246
  - Liability omissions, 247
  - Life Probability, 524
  - Lifestyle analysis, 319–320
  - Lifestyle probe, 319
  - Limited-value purchase orders (LPOs), 157
- Line employees and staff, fraud prevention and deterrence, 463–464**
- Link charts, 382–383
  - Liquidation value, 506
  - Liquidity ratios, 97
  - Litigation advisory engagements, 10
    - services, 484
  - Litigation support
    - liability, 483
    - types of, 484
  - Logic bomb, 435
  - Long-term assets, 250–251
  - Long-term contracts, 243
  - Long-term violators, 60–61
  - Looping. *See* Network weaving
  - Losses
    - earnings losses analysis, 520–525
    - injured children, homemakers and retired persons, 527
    - life-care costs, 520, 527
    - lost employment benefits, 525–526
    - lost nonmarket services, 526–527
    - medical and life-care costs, 527
    - medical costs, 520
    - nonmarket services, 520
    - personal injury, 520
    - personal injury and lost compensation application, 527–534
    - wrongful death and survival cases, 521
  - Lost employment benefits associated with
    - lost earnings, 525–526
  - Lost nonmarket services analysis, 526–527
  - Lost profits determination, 493
  - Lost revenues quantification and
    - increased expenses
      - before and after method, 492
      - Benchmark ("Yardstick") method, 492–493
  - LPE system, 524
- M**
- Macro virus, 437
  - Madoff Ponzi scheme, 420
  - Mail fraud, 54, 106, 406
  - Maker, 161
  - Management fraud, 248
  - Management information systems (MIS), 93
  - Mandatory audit partner rotation, 104
  - Manipulators, 359
  - Manually prepared timecards, 180
  - Map global payment systems, 446
  - Marital privileges, 85
  - Market and accounting-based comparables models, 510
  - Market manipulations, 421
  - Market value, 506
  - Marks, Jonathan T., 79, 558–559
  - Master Analyst in Financial Forensics (MAFF), 48
  - Matching concept, 232
  - Matching revenues with expenses, 241–242
- Materiality, 87, 232, 274–275**
- McKinsey Global Payments Report, 432
  - Median loss
    - based on size of the organization, 19–20
    - based on type of organization, 19
    - effect of age on, 17
    - effect of collusion on, 18–19
    - effect of education on, 18
    - effect of gender on, 17
    - effect of position on, 16–17
    - impact of antifraud measures on, 20
  - Medical and life-care costs analysis, 527
  - Memory cards, 441
  - Merchant Issuer Model, 445
  - Meta-model, 73–74
  - M.I.C.E. (money, ideology, coercion, and ego), 69, 285
  - Microsoft Visio, 386
  - Mid-and lower-level employees, 229
  - Middle Eastern crime, 399
  - Minor moral infraction, 352
  - Miranda warnings, 82, 349
  - Miscellaneous privileges, 85
  - Mischaracterized expense reimbursements, 187–189
  - Misuse/misappropriation of a customer's security, 421
  - Misuse of noncash assets, 136
  - Mixed systems and system interfaces, 122–123
  - Mobile payment systems, 433
  - Mobile surveillance, 83
  - Modem hijacking, 442
  - Monetary remuneration, 543
  - Monetary unit, 231
  - Money
    - "following" vs. "tracing," 544–545
    - identification of, 544
    - recovery of, 543–544
  - Money laundering, 54, 402–404
    - in cyberspace, 445–446
    - strategies and techniques, 409–415
  - Money Laundering Control Act (MLCA), 403
  - Money movement, 431–433
  - Money services business (MSB), 411
  - Moving money
    - Hawala dealer, 409
    - money laundering strategies and techniques, 409–415
  - Multifile processing, 375
  - Multi-partite viruses, 437
  - Multiple reimbursement schemes, 192
  - Mutation engine viruses, 438
- N**
- National Association of Certified Valuation Analysts (NACVA), 48, 482, 505, 511
  - Need recognition scheme, 208–209
  - Negotiated settlements, 90–91
  - Neolithic Era, 428
  - NetWare-specific viruses, 438

- Network security, 439  
 Network viruses, 438  
 Network weaving, 436  
 Net worth method, 317–319  
 Nigrini, Mark, 367  
 Nodding Chicken, 554  
 Nonaccomplice vendors, 154–156  
 Nonbank Issuer Model, 446  
 Noncash assets, misuse of, 136  
 Noncash misappropriation schemes  
   asset requisitions and transfers,  
     138–139  
   false shipments of inventory and other  
     assets, 139–140  
   misuse of noncash assets, 136  
   other schemes, 140  
   purchasing and receiving schemes, 139  
   unconcealed larceny schemes, 136–138  
 Noncash thefts, 142–144  
 Nonfinancial data, 31  
 Nonfinancial numbers, 258–259, 284–285  
 Nonfraud forensic accounting, 10  
 Nonleading (open) questions, 344  
 Non-ashareable financial pressures, 56–57  
 Nonverbal cues to deception, 359–360  
 Norming/calibrating process, 346  
 Nye, Thomas, 148
- O**
- Oaths, 358  
 Observe reaction, 351  
 Occupational fraud, 98  
   and abuse, 53  
   and abuse classification system, 8  
   red flags, 63  
 Off-balance sheet transactions, 105  
 Off-book fraud, 119  
 Official act, 203  
 Offshore banks, 408  
 Open questions, 343  
 Operating efficiency ratios, 97  
 Operating profitability ratios, 97  
 Opportunity, 148  
 Optical character recognition (OCR), 312  
 Organizational compliance protocol, 459  
 Organizational controls and deviance, 67  
 Organizational crime, 53–54  
 Organizational leadership, fraud prevention  
   and deterrence, 462  
 Organizational role  
   employee deviance, 66  
   employee perception of control, 67  
   Hollinger and Clark conclusions, 67–68  
   job satisfaction and deviance, 66  
   organizational controls and deviance, 67  
 Organization's check stock, safeguarding, 163  
 Organizations, dismantling using asset forfei-  
   ture and seizure, 398  
 Organized crime, 54, 399–400  
 Organized Crime Control Act of 1970, 399
- Organized criminals, 229  
*Other People's Money: A Study in the  
   Social Psychology of Embezzlement*  
   (Cressey), 56  
 Out-of-court settlements, 90–91  
 Overbilling schemes  
   bribery schemes, 205–206  
   employees with approval authority,  
     205–206  
   fraudsters lacking approval authority, 206  
   kickback, 206  
 Overpurchasing, 189  
 Overstated expense reimbursements, 189–190  
 Overstated refunds, 193–194  
 Overstatements, 258, 282, 314
- P**
- Paleolithic Era, 428  
 Parasitic viruses, 437  
 Parking, 421  
 Parole, 89  
 Participant Probability, 524  
 Pass-through schemes, 152  
 Passwords, 439  
 Patriot Act, USA, 405  
 Pay-and-return schemes, 154–155  
 Payroll, 377  
 Payroll schemes  
   commission schemes, 182–186  
   falsified hours and salary, 180–182  
   ghost employee, 177–179  
 Peer-to-Peer Model, 446  
 "Penny stocks," 427  
 Perceived opportunity, 59, 60, 64  
 Perceived pressure, 58  
 Perception of detection, 67  
 Performance assessment and decision  
   making, 96–98  
 Periodicity, 231  
 Perpetual inventory, 141  
 Personal failures, 57  
 Personal injury and lost compensation  
   application  
     economic damages, 534  
     economic damages assumptions, 528  
     income (loss), 528–530  
     loss of household services, 532  
     pension loss, 531  
     projected household service loss,  
       533–534  
     projected pension loss, 531–532  
 Personal integrity, 62–68  
 Personal purchases with company funds, 156  
   altering existing purchase orders, 158  
   charge accounts, 159  
   credit cards or other company  
     accounts, 158  
   false purchase requisitions, 158  
   falsifying documents to obtain authoriza-  
     tion, 157–158  
   fraudster as authorizer of invoices, 156–157  
   preventing and detecting, 159–161  
   returning merchandise for cash, 159  
   through false invoicing, 156  
 Pharming, 443  
 Phishing, 443  
 Photocopied forgeries, 164  
 Physical evidence, 312–313  
 Physical inventory, 138, 141  
 Physical isolation, 57–58  
 Physical padding, 142  
 Physician-patient privilege, 84  
 Physiology of deception, 357–358  
 Piggybacking, 436  
 Polymorphic viruses, 437  
 "Ponzi" scheme, 420, 442  
 Poor collection procedures, 121  
 Poor custody procedures, 181  
 Portable digital forensic labs, 371  
 Practicing professionals, 483  
 Predatory vs. situational fraudsters,  
   69–71, 396–397  
 Predication, 302  
 Prejudgment interest, lost incremental  
   profits, 498  
 Pre-solicitation phase, 208–209  
 Pressure, 148  
 Pretrial motions and the civil trial, 91  
 "Prime Bank" fraud, 420  
 Prime bank note, 442  
 Primrose Path, 556  
 Private banks, 408  
 Privilege escalation exploits, 436  
 Privileges, 84–85  
 Proactive fraud policies, 221  
 Probable cause, 85–87  
 Processor cards, 441  
 Production deviance, 66  
 Professional conduct, 98, 455  
 Professional responsibility, engagement  
   issues and, 483  
 Professional skepticism, 22–24  
 Professional standards  
   for expert witnessing, 483  
   and guidance, 482–483  
 Profit margin, 256  
 Pro forma financial information, 105  
 Prohibitions on personal loans to execu-  
   tives, 105  
 Protections for corporate whistleblowers  
   under Sarbanes-Oxley, 105  
 Proximate cause, 54  
 Public Company Accounting Oversight Board  
   (PCAOB), 81, 107  
 Public key infrastructure (PKI), 446  
 Public vs. private company financial reporting  
   fraud, 230  
 Punishment, 33, 42, 53, 60, 67, 80,  
   89, 221, 440  
 Punitive damages, 489

- Purchasing, 377–378  
 and receiving schemes, 139  
 schemes, 214–215  
 Pyramid schemes, 420, 442
- Q**  
 Quality control, 107  
 Quality of evidence, 306  
 Questions  
 assessment, 346–349  
 closed, 343  
 closing, 345–346  
 informational, 343–345  
 introductory, 341–343  
 leading, 343–344  
 open, 343  
 Question sequences, 344  
 QuickBooks, 148, 149  
 Quick ratio, 255
- R**  
 Racketeer Influenced and Corrupt Organizations (RICO) Act, 54, 70, 404  
 Rates of pay, 181  
 Ratio analysis, damages  
 capital structure ratios, 491  
 efficiency ratios, 491  
 liquidity ratios, 491  
 profitability ratios, 491  
 Rationalizations, 59, 148, 351–353  
 Real Estate Brokerage, Inc., 36  
 Re-altering checks, 174  
 Real-time disclosures, 105  
 Reasoning, 351  
 Recalculations, 376  
 Receivables  
 skimming, 124–129  
 turnover, 255  
 Recidivism, 89  
 Reconciling items, 314  
 Record selection and extraction, 375  
 Record validation, 369  
 Recovery  
 assets for, 544  
 of assets, legal methods, 545–546  
 of deleted emails, 372  
 of deleted files, 371–372  
 of money, 543–544  
 against third-party defendants, 546  
 Red flags, 24–25  
 behavioral, 62, 280  
 fraud detection, 285–286  
 occupational fraud, 63  
 Register disbursement schemes  
 concealing, 195  
 false/fictitious refunds, 193–194  
 false voids, 194–195  
 preventing and detecting, 195–197  
 Register tapes destruction, 131  
 Regulatory system, 98  
 AICPA and Statement on Auditing Standards No. 99, 98–99  
 Committee of Sponsoring Organizations' Enterprise Risk Management Framework, 108–109  
 Dodd-Frank Wall Street Reform and Consumer Protection Act, 108  
 enhanced financial disclosure requirements, 105  
 enhanced review of periodic filing, 105–108  
 IIA Practice Advisories 1210.A1 and 1210.A2, 109–110  
 Sarbanes-Oxley Act of 2002, 99–105  
 Related-party transactions, 248  
 Relevance and reliability, 232–233  
 Reliance damages, 489  
 Remediation, 541–543  
 fraud, 20–21  
 Rental skimming scheme, 118  
 Resource diversions, 216  
 Restoring data, 372–373  
 Restraining orders, 545  
 Restrictions on insider trading, 105  
 Return on assets (ROA), 256  
 Return on equity (ROE), 257  
 Returns and allowances and warranties, 247  
 Revenge, 352  
 Revenue recognition, 232, 242–246  
 Reversing entries, 132  
 Reversing transactions, 131  
 Rights of individuals, 81  
 interviews, 82  
 privileges, 84–85  
 searches, 82–83  
 surveillance, 83–84  
 suspected wrongdoer, 84  
 Riley, Dick, 541  
 Robotics Process Automation (RPA), 433–434  
 Role of corporate governance, 110  
 Rubber-stamp supervisors, 152, 181  
 Rules of evidence, 87–88
- S**  
 Salami techniques, 435  
 Salaried employees, 178, 180  
 Sales  
 analysis, 377  
 schemes, 215  
 Sales skimming, 119  
 after-hours sales, 120–121  
 big data and data analytics, 124  
 cash register manipulation, 119–120  
 check-for-currency substitutions, 122  
 mixed systems and system interfaces, 122–123  
 poor collection procedures, 121  
 preventing and detecting, 123–124  
 skimming by off-site employees, 121  
 theft in the mailroom-incoming checks, 122  
 understated sales, 121–122  
 Sarbanes-Oxley Act (2002) (SOX), 6, 81, 99–105, 283  
 SAS No. 99/SAS No. 113, 273  
 Satyam fraud, 270  
 Scavenging, 435  
 Schedule M, 314  
 Searches, 82–83  
 Search warrant, 86  
 Securities fraud, 106, 420–421, 442  
 Senior/executive management, 45  
 Senior management, 228  
 Sensitive questions, 344  
 Shadowcrew, 444  
 Shadow economy, 432  
 Shell companies, 412  
 Shell company schemes  
 collusion, 152  
 employee identification, 154  
 false billings from, 151  
 false invoices, 151  
 formation of, 151  
 invoice identification, 153  
 pass-through schemes, 152  
 preventing and detecting, 152–153  
 purchase of services rather than goods, 152  
 reliance on false documents, 152  
 "rubber-stamp" supervisors, 152  
 self-approval of fraudulent invoices, 151–152  
 testing, 153–154  
 verification of existence, 154  
 Shrinkage, 141, 195  
 Signed checks, poor control of, 166  
 Signed statement, 355–356  
 Simulation and modeling, 436  
 Sinclair, Debbie, 481  
 Situational fraudster, 69  
 Situational pressures, 64  
 Skimming  
 cash, 119–124  
 by off-site employees, 121  
 receivables, 124–129  
 Slush funds, 206  
 Smart card, 441  
 Smith, Glyn, 336  
 Snap-on, 244  
 Social controls, 67  
 Social engineering, 435  
 Social media, 277–278, 312  
 Society for Worldwide Interbank Financial Telecommunications (SWIFT), 410–411  
 Society of Financial Examiners (SOFE), 48–49  
 Software, 439–440  
 Sorting, 375  
 Sources of information, 324–328  
 Spamming, 442

- Spear phishing, 443  
 Special loss, 431  
 Special-purpose entities (SPEs), 250  
 Specifications scheme, 209  
 Stash houses, 409  
 State government, 326  
 Statement of cash flows, 94–96  
 Statement on Auditing Standards (SAS)  
   No. 99, 11, 98–99  
 Statement on Auditing Standards (SAS)  
   No. 99/No. 113, 239  
 Statement on Standards for Valuation Ser-  
   vices (SSVS), 511  
 Statements of Financial Accounting Stand-  
   ards (SFASs), 96  
 Statistical methods, 495  
 Status gaining, 58  
 Stealth viruses, 438  
 Stockholders' equity, 317  
 Stolen check, 166  
 Stolen statements, 125  
 Story line, importance of, 32  
 Straight-line depreciation, 233  
 Stress, drugs, alcohol, 352  
 Subpoena, 86  
 Subscription pricing, 244–246  
 Subsequent events, 247  
 Surprise audits, 221  
 Surveillance, 83–84  
   and covert operations, 310–311  
 Suspected fraud, 338  
 Suspected wrongdoer, 84  
 Suspicious Activity Reports (SARs),  
   311, 405–406  
 Sutherland, Edwin H., 53, 55–56, 396
- T**
- Tableau, 386  
 Targeted fraud risk assessment  
   in action, 289–291  
   area of revenues, 287  
   detection and investigation in a digital  
   environment, 292–293  
   digital evidence, 292  
   fraud risk assessment process, 287–288  
   organizations vulnerability, 286  
   prevention and deterrence in a digital envi-  
   ronment, 292  
   recent fraud schemes, 287  
   ten-step approach, 288–289  
 Tax evasion and fraud, 415–417  
 Tax return examinations, 338  
 Tax returns, 314–315  
 Teamwork, 32  
 Technical skill, 59  
 Tequila virus, 437  
 Terminate and Stay Resident (TSR)  
   viruses, 437  
 Terrorism triangle, 401  
 Terrorist financing, 400–402  
 Terrorist organization, 395–396
- Tesco Bank, 432  
 Testimonial evidence, 88  
 Text messages, 312  
 Theft  
   in the mailroom-incoming checks, 122  
   from other registers, 130  
   of returned checks, 166  
 Third-party debt orders, 546  
 This Means Nothing, 556  
 Threats, in digital world  
   digital device hacking, 434–436  
   hardware, software, and data security,  
   439–440  
   insider, 434  
   viruses, 436–438  
 Time clocks and other automated timekeep-  
   ing systems, 181  
 Timelines, 384–385  
 Time value of money, 498–499  
 Timing differences, 241–244  
 Torts, 54–55  
 Total-offset method, 522, 523  
 “Tracing the money,” 544–545  
 Tracking/case management system, 465  
 Trade-based money laundering  
   (TBML), 411–412  
 Traditional scanners, 440  
 Transactions and balances exceeding expect-  
   ations, 376  
 Transparent disclosure, 232  
 Tranto, Nick, 428  
 Trap doors, 435  
 Triangle, fraud, 148, 285  
   court and the meta-model, 72–74  
   courts, 299–300  
   Cressey, Donald R.  
     conclusion, 61–62  
     conjuncture of events, 61  
     Cressey's hypothesis, 56  
     importance of solving the problem in  
     secret, 58  
     nonshareable financial pressures, 56–57  
     perceived opportunity, 59, 60  
     perceived pressure, 58  
     rationalizations, 59  
     violation of ascribed obligations, 57–58  
   opportunity, perceived pressure, and ration-  
   alization, 302–303  
   Sutherland, Edwin H., 55–56  
 Trojan horse virus, 435  
 Trusts, 413  
 Trust violators, 56  
 TSRAM viruses, 437  
 Turnaround sales, 215
- U**
- UK Bribery Act, 407  
 Unconcealed larceny schemes, 136–138  
 Underbillings, 215  
 Underhill, Jordan, 427  
 Understated sales, 121–122
- Understatements, 251, 257  
 Unfair treatment, 351–352  
 Unknown sources of income, 324  
 Unsuitable recommendations, 421  
 USA Patriot Act, 405  
 U.S. banking system, 407–409  
 U.S. Bureau of Alcohol, Tobacco, Firearms  
   and Explosives (ATF), 315  
 U.S. Securities and Exchange Commission  
   (SEC), 81  
 Utilitarian principle, 454
- V**
- Validation controls, 369  
 Valuation calculations  
   build-up method, 517  
   capitalization of earnings capitalization  
   rate, 517–518  
   company-specific risk premium, 517  
   conclusion of, 519–520  
   discount for lack of control, 519  
   earnings benefit stream capitalization, 517  
   earnings indicated value capitalization,  
   518  
   equity risk premium, 517  
   excess/nonoperating assets, 519  
   lack of marketability, 519  
   risk-free rate, 517  
 Valuation discounts and premiums, 510  
 Valuation engagements  
   application, 511–514  
   asset transfers, 505  
   asset valuation models, 510  
   balance sheet adjustments, 514–515  
   capitalized earnings, 507  
   competitive environment, 505  
   conclusion of, 510  
   convertible debt, 510  
   discounted earnings and cash flows, 507  
   discounts and premiums, 510  
   economic and industry conditions, 505  
   fair market values, 506–507  
   forecasting income and cash  
   flows, 508–510  
   income statement adjustments, 516  
   intangible assets, 510  
   market and accounting-based comparables  
   models, 510  
   market values, 506–507  
   measures of, 506  
   ownership and control rights, 506  
   preferred stock, 510  
   risk-adjusted discount/capitalization  
   rate, 507–508  
   Rosewood's historical balance sheet  
   assets, 512–514  
   stock, 510  
   tax situations, 506  
   transaction and litigation, 506  
   types, 505–506  
   valuation calculations, 516–519

- valuing debt, 510
- warrants, 510
- Variable cost application, 495
  - assertion testing, 496–497
  - data graphics, 496
  - empirical examination, data, 498
  - marginal/incremental expense analysis, 495–496
  - retesting assertion, 497
  - 3-technique approach, 497
- Venture capital investment deals, 499
- Verbal and nonverbal behavior, 344
- Verbal confession, 354–355
- Verbal cues to deception, 358–359
- Vertical ratio analysis, 376
- Videography, 83
- Violations
  - of ascribed obligations, 57–58
  - corporate, 70
- Virtual currencies, 432
- Virtual money, 414–415
- Viruses
  - carriers and indicators, 438
  - digital, 436
  - infections, 440
  - scares, 436
  - types, 437–438
- Volatile interview, 345
- Voluntary confessions, 355
- Voluntary consent, 86
- W**
- Wages in kind, 66, 219–220
- Walmart Canada Bank, 432
- Warnings, Miranda, 82
- Warranties, 247, 248
- Waterboarding, 336–337
- Weighted average cost of capital (WACC)
  - method, 508
- Whistle-blowing structure, 104
- White-collar crime, 53, 396
  - enhanced penalties for, 106
- Willful blindness, 404
- Wire fraud, 406
- Wire tapping, 436
- Witness, 340
- World Bank, 446
- WorldCom, Inc., 247, 336
- The World Is Flat*, 431
- Worm, 438
- Write-off inventory and other assets, 142
- Writing-off sales, 216
- Wrong account, debiting the, 126
- Wrongdoer, suspected, 84
- Y**
- You Really Didn't Mean to Say, 556
- You've Got to Be Kidding!, 556
- Z**
- “Zapping” money, 428
- Zikmund, Paul, 335











