

Informed Investing and Avoiding Fraud Lessons and Resources from the SEC for Librarians

Office of Investor Education and Advocacy

United States Securities and Exchange Commission

Tom Manganello

October 18, 2016



SEC Disclaimer

The Securities and Exchange Commission, as a matter of policy, disclaims responsibility for any private publication or statement by any of its employees. The views expressed herein are those of the author and do not necessarily reflect the views of the Commission or of the author's colleagues on the staff of the Commission.



What We Will Cover

I. Overview of the SEC

II. SEC Investor Education Resources

III. Strategies for Smart Investing

IV. Tips to Help Avoid Fraud



The SEC's Mission

- Protect Investors
- Maintain Fair, Orderly, and Efficient Markets
- Facilitate Capital Formation





SEC Oversees and Regulates

> 12,000 investment advisers > 10,500 mutual funds and ETFs ≻4500 broker-dealers ≻450 transfer agents >19 national securities exchanges >10 credit rating agencies ➤8 active clearing agencies **PCAOB**, FINRA, MSRB, SIPC and FASB >9000 reporting companies



Size of Markets the SEC Oversees

- \$62 trillion -- assets under management of SEC-registered investment advisers
- \$15.6 trillion -- assets under management of mutual funds
- \$67 trillion -- annual trading volume in equity markets



Other SEC Responsibilities

Reviews disclosures of approximately 9,000 reporting companies

> Conducts routine and for-cause examinations of broker-dealers and other market participants

> Enforces the federal securities laws. In FY-15, collected \$4.2 billion in disgorgement and penalties from 807 enforcement actions

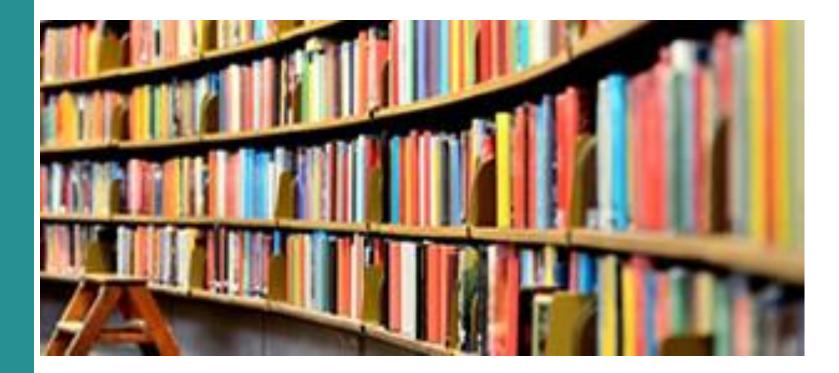


Office of Investor Education & Advocacy

- Responds to complaints and inquiries from investors, and provides educational programs and materials
- In the last year, processed nearly 22,000 complaints, questions and other contacts from investors
- Investor.gov website is our online resource to help investors make informed investment choices and avoid fraud



SEC Resources for Libraries





Investor.gov

U.S. SE	vestor.gov curities and NGE COMMISSION		Follow Us Información en Españo
Introduction to Investing	Research Before You Invest	Protect Your Investments	Additional Resources
Check Out You INVESTME PROFESSIO SEARCH THE DA	NT NAL		





Investor.gov

U.S. SE	vestor.gov CURITIES AND NGE COMMISSION	About Us Contact Us	Follow Us Información en Español
Introduction to Investing	Research Before You Invest	Protect Your Investments	Additional Resources
Basics	Retirement Plans	Retirement	
Save and Invest	First Job	Managing Lifetime Income	
How Stock Markets Works	Switching Jobs	Senior Specialist Designations	
Investment Products	Employer-Sponsored Plans	Social Security	
What is Risk?	Federal Government Plans	Avoiding Retirement Fraud	
Role of the SEC	Self-directed Plans - Individual Retirement Accounts (IRAs)		

SEARCH THE DATABASE



efore You Invest, \vestor.gov	U.S. S	ECURITIES AND ANGE COMMISSION	V	C
	Introduction to Investing	Research Before You Invest	Protect Your Investments	Additional Resources
	Free Investment Professional Background Check	Research Five Questions to Ask Before You Invest Researching Investments Assessing Your Risk Tolerance Asset Allocation Understanding Fees Shareholder Voting	Methods of Investing Investing on Your Own Working with an Investment Professional	CHECK OUT YOUR INVESTMENT PROFESSIONAL



Investor.gov

Introduction to Investing	Research Before You Invest	Protect Your Investments	Additional Resources
Fraud	Seek Help		
Types of Fraud How to Avoid Fraud	Submit Questions and Complaints Arbitration and Mediation Clinics		



Investor.gov

U.S. 9	EVESTOR.GC		
Introduction to Investing	Research Before You Invest	Protect Your Investments	Additional Resources
Planning Tools Free Financial Planning Calculators	General Resources	Specialized Resources	CALCULATE COMPOUND
News and Alerts	Publications and Research Useful Websites Glossary	Youth Seniors Caring for Loved Ones	
Investor Alerts & Bulletins Selected Press Releases		Military Native Americans	

SEARCH THE DATABASE



Investor.gov

FREE FINANCIAL PLANNING TOOLS

401 (k) and IRA Required Minimum Distribution Calculator

Compound Interest Calculator

Ballpark Eştimate

Social Security Retirement Estimator

Mutual Fund Analyzer

529 Expense Analyzer

COMPOUND INTEREST CALCULATOR

Determine how much your money can grow using the power of compound interest. You can also calculate how much money you need to contribute each month in order to arrive at a specific savings goal.

* DENOTES A REQUIRED FIELD

COMPOUND INTEREST CALCULATOR	SAVINGS GOAL CALCULATOR
Step 1: Initial Investment	
*Amount of money that you have available to invest initially.	
Step 2: Contribute	
Amount that you plan to add to the principal every month.	
*Length of time, in years, that you plan to save. 🕨	- +
Step 3: Interest Rate	
*Your estimated annual interest rate. 🕨	- +
Range of interest rates (above and below the rate set above) that you desire to see results for. >	- +
Step 4: Compound It	
*Times per year that interest will be compounded. >	ANNUALLY
CALCULATE	RESET



Investor Alerts and Bulletins

- Investor Bulletin: Top Tips for Selecting a Financial Professional
- □ SEC Warns of Government Impersonators
- □ Variable Annuities—An Introduction
- □ Investment-Related Radio Programs Used to Defraud
- Planning for Diminished Capacity and Illness
- □ Investor Bulletin: Mutual Fund Classes
- Investor Alert: What You Should Know About Asset Recovery Companies



Investor Alerts and Bulletins

NEWS AND ALERTS

Investor Alerts & Bulletins

Selected Press Releases

INVESTOR BULLETIN: CROWDFUNDING FOR INVESTORS

02/16/2016

The SEC's Office of Investor Education and Advocacy is issuing this Investor Bulletin to educate investors about a new investing opportunity in the form of securities-based crowdfunding.

Crowdfunding generally refers to a financing method in which money is raised through soliciting relatively small individual investments or contributions from a large number of people. Over the last few years, crowdfunding websites in the United States have proven a popular way by which to solicit charitable donations and to raise funds for artistic endeavors like films and music recordings.

Under recently adopted rules, the general public will have the opportunity to participate in the early capital raising activities of start-up and early-stage companies and businesses. *Starting May 16, 2016, companies can use crowdfunding to offer and sell securities to the investing public.*

Can I make a crowdfunding investment?

Anyone can invest in a crowdfunding securities offering. *Because of the risks involved with this type of investing, however, you are limited in how much you can invest during any 12-month period in these transactions.* The limitation on how much you can invest depends on your net worth and annual income.

If either your annual income or your net worth is less than \$100,000, then during any 12-month period, you can invest up to the greater of either \$2,000 or 5% of the lesser of your annual income or net worth.

If *both* your annual income *and* your net worth are equal to or more than \$100,000, then during any 12month period, you can invest up to 10% of annual income or net worth, whichever is lesser, but not to exceed \$100,000.

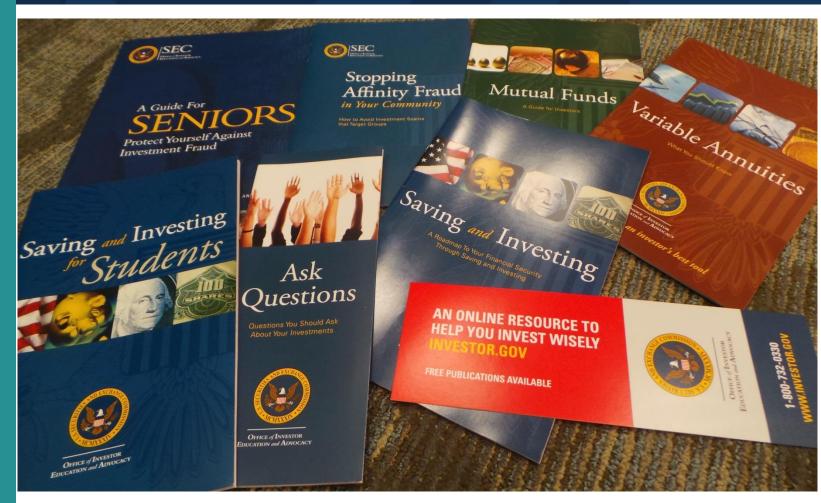
The following table provides a few examples:

Annual Income	Net Worth	Calculation	12-month Limit
\$30,000	\$105,000	greater of \$2,000 or 5% of \$30,000 (\$1,500)	\$2,000
\$150,000	\$80,000	greater of \$2,000 or 5% of \$80,000 (\$4,000)	\$4,000
\$150,000	\$100,000	10% of \$100,000 (\$10,000)	\$10,000
\$200,000	\$900,000	10% of \$200,000 (\$20,000)	\$20,000
\$1.2 million	\$2 million	10% of \$1.2 million (\$120,000), subject to cap	\$100,000



Before You Invest,

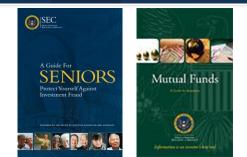
SEC Publications





SEC Publications

Consumer Financial Protection Bureau



Free Publications for Libraries

cfpb

Order free financial education materials you can share with patrons or use in your presentations.

All materials are free from the CFPB and other government agencies.

Order up to 1,000 free copies of each publication. If you need larger quantities, contact aroybal@gpo.gov.

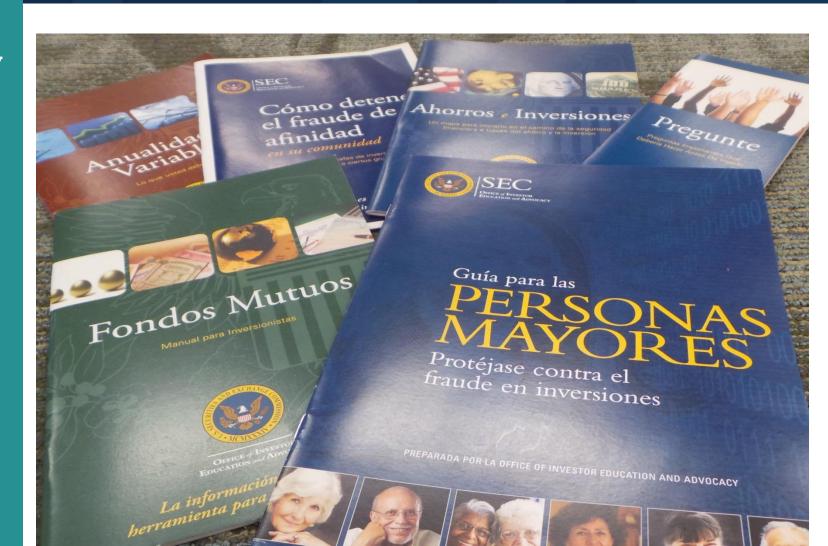


Featured Promote Budgeting Borrowing Protect Yourself Save and Invest

http://www.consumerfinance.gov/library-resources/



SEC Publications in Spanish





SEC on Twitter: @SEC_Investor_Ed

SEC Investor Ed @SEC_Investor_Ed · Aug 6

#Fraud happens. Before you invest, check your financial professional at Investor.gov. #ProtectYourMoney

"IT WON'T HAPPEN TO ME."

- Every Investment Fraud Victim Ever -----



Before You Invest, Investor.gov



Before You Invest,

SEC on Facebook: @SECInvestorEducation

	-		
		100	
- 2		100	
	100		
	Sec.	100	
	1000	10.0	

SEC Office of Investor Education and Advocacy Yesterday at 10:50am · 🚱

Pyramid scheme or legitimate business? Learn how to spot the differences here: http://ow.ly/wxLw303QKQB





Strategies for Smart Investing

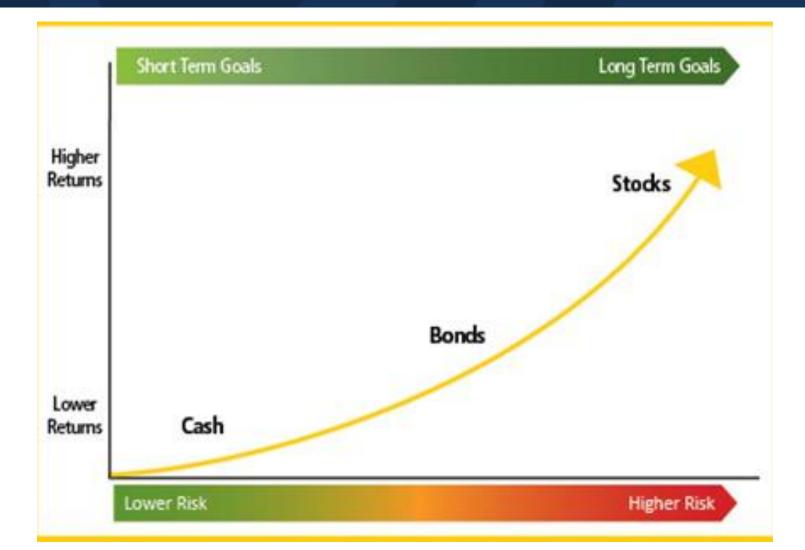




All investments have risks.



Investment Risks/Returns





Risks and Returns

Asset Class	Cash	Bonds (Fixed Income)	Stocks (Equity)
Investment Types	Savings accounts, CDs and money market funds	Government, municipal and corporate bonds and bond funds	Stocks and stock funds
Return	Lower, but some are guaranteed	Predictable income stream	Historically, offered greatest growth
Chief Risks	Inflation, interest rate changes	Interest rate changes, default	Volatility, falling prices
L	ower Risk		Higher Risk



Managing Risk

Manage risk with asset allocation and diversification.







Mutual Funds

Why Mutual Funds Are Popular:

Professional management	Diversification
Affordability	Liquidity

<u>Types</u>: money market, bond, stock, target-date funds

-Actively-managed funds

-Index funds

<u>Risks</u>: All funds carry some risk – typically the same as the underlying securities.



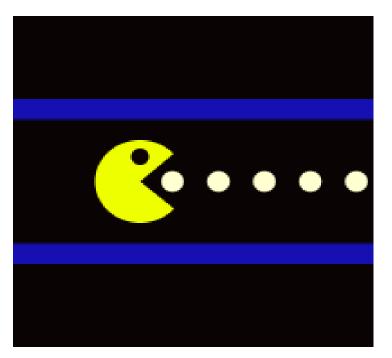
Other Products Often Marketed to Investors Include:

Products	Common Risks Include:
Variable Annuities – investment product with insurance features to receive a stream of payments over time	Investment risk; charges for early withdrawal; complicated tax rules
Real Estate Investment Trusts (REITs) – investment product in income-producing real estate	Liquidity, share value transparency, and fees can vary among publicly traded REITs and non- traded REITs
Master Limited Partnerships (MLPs) investment product in cash- generating assets like oil and gas pipelines	Concentrated exposure to a single industry or commodity; governance features that can favor management over investors
Exchange Traded Notes (ETNs) Unsecured debt obligations of financial institutions	Complex valuation and fees; risk of issuer default and market risk; price volatility and liquidity risk



Fees

<u>All</u> investments have fees. And they matter.





Impact of Fees

UPDATED INVESTOR BULLETIN: HOW FEES AND EXPENSES AFFECT YOUR INVESTMENT PORTFOLIO

09/8/2016

The SEC's Office of Investor Education and Advocacy is issuing this updated bulletin to educate investors about how fees you pay for investment services and products can impact the value of your portfolio.

As with anything you buy, there are fees and costs associated with investment products and services. These fees may seem small, but over time they can have a major impact on your investment portfolio. The following chart shows an investment portfolio with a 4% annual return over 20 years when the investment either has an ongoing fee of 0.25%, 0.50% or 1%. Notice how the fees affect the investment portfolio over 20 years.



Portfolio Value From Investing \$100,000 Over 20 Years

In 20 years, 0.50% annual fees reduce the portfolio (red line) by \$10,000 compared to a portfolio with a 0.25% annual

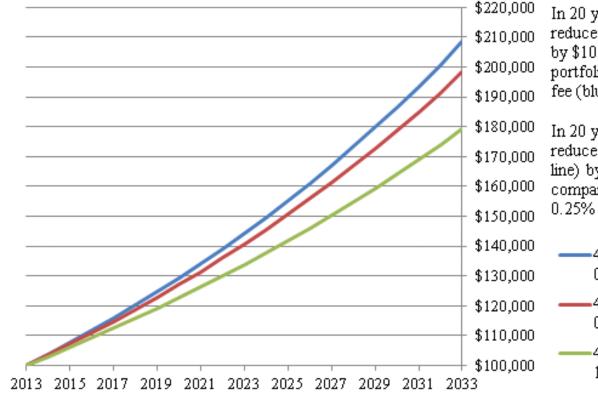
In 20 years, 1.00% annual fees reduce the portfolio (green line) by nearly \$30,000, compared to a portfolio with a 0.25% annual fee (blue line).

4% annual return less 0.25% annual fee -4% annual return less



Impact of Fees

Portfolio Value From Investing \$100,000 Over 20 Years



In 20 years, 0.50% annual fees reduce the portfolio (red line) by \$10,000 compared to a portfolio with a 0.25% annual fee (blue line).

In 20 years, 1.00% annual fees reduce the portfolio (green line) by nearly \$30,000, compared to a portfolio with a 0.25% annual fee (blue line).

4% annual return less
 0.25% annual fee

4% annual retum less 0.50% annual fee

4% annual retum less 1.00% annual fee



FINRA Fund Analyzer



Fund Analyzer

Additional Information

The Fund Analyzer offers information and analysis on over 18,000 mutual funds, Exchange Traded Funds (ETFs) and Exchange Traded Notes (ETNs). This tool estimates the value of the funds and impact of fees and expenses on your investment and also allows you the ability to look up applicable fees and available discounts for funds.

Search Browse Screener Favo	vrites (1)	Selected Funds
[fundname, ticker or keyword] Q	0	1
How to use this tool	- the fund	2
 Enter the name, ticker symbol or keyword for the fund. Once the results appear, click on a fund to add it to your Selected Funds list. You can compare up to three funds from your Selected Funds list at a time. 		
You can browse for funds alphabetically by clicking the Browse tab above. Use the Fund Screener to filter your search using standard criteria.		
 Save often used funds by clicking the 'Add to 	o Favorites' icon.	SHOW DESITING OF EAD LIGT

www.FINRA.Org



Picking a Fund: Questions to Ask

- How does the fund match my goals?
- > What is the fund's performance over time?
- How does that compare with my risk tolerance?
 - What are the fund's fees and expenses?
- > Will the fund help me diversify my investments?



Tips to Avoid Fraud





Tips for Investors to Help Avoid Fraud

- Research both the financial professional and the investment product
- Be aware of common persuasion tactics and red flags
- Be alert to common investment scams



Ask and Check

- Check whether the person soliciting your investment is registered:
 - **Investor.gov** has a database of investment professionals
- Check background of broker or investment adviser:
 - Any disciplinary actions
 - A history of customer complaints
 - Previous employment



Investor.gov

Introduction to	Research Before	Protect Your	Additional
Investing	You Invest	Investments	Resources
Check Out Yo INVESTME PROFESSIC	NT DNAL		





IAPD

Investment Adviser Public Disclosure



Resources

Welcome to the Investment Adviser Public Disclosure website

Individual Firm Individual Name/CRD# at Firm 5 Miles V Zip Cor Q

For a complete compilation of Investment Adviser Firms currently registered with the SEC and states securities regulators, download the <u>Investment Adviser Data</u>.

You can **search for an Investment Adviser firm** on this website and view the registration or reporting form ("Form ADV") that the adviser filed. This website will also search **FINRA's BrokerCheck system** and indicate whether an entity is a Brokerage firm. Investment advisers file Form ADV to register with the SEC and/or the states. Some advisers that do not have to register with the SEC or the states ("Exempt Reporting Advisers") must nonetheless complete some of the questions in Form ADV for purposes of reporting to the SEC and/or the states. Form ADV contains information about an investment adviser and its business operations. Additionally, it contains disclosure about certain disciplinary events involving the adviser and its key personnel.

You can also **search for an individual investment adviser representative** and view that individual's professional background and conduct, including current registrations, employment history, and disclosures about certain disciplinary events involving the individual. The information about investment adviser representatives that appears on this website is collected from individual Investment Adviser Representatives, Investment Adviser firm(s), and/or securities regulator(s) as part of the securities industry's registration and licensing process. Individuals that are Registered Representatives of a Brokerage firm that are listed in **FINRA's BrokerCheck system** will also appear in search results.

Are you having technical difficulties using the Investment Adviser Public Disclosure site?

You can call 240-386-4848 for technical assistance.

Learn More About IAPD »

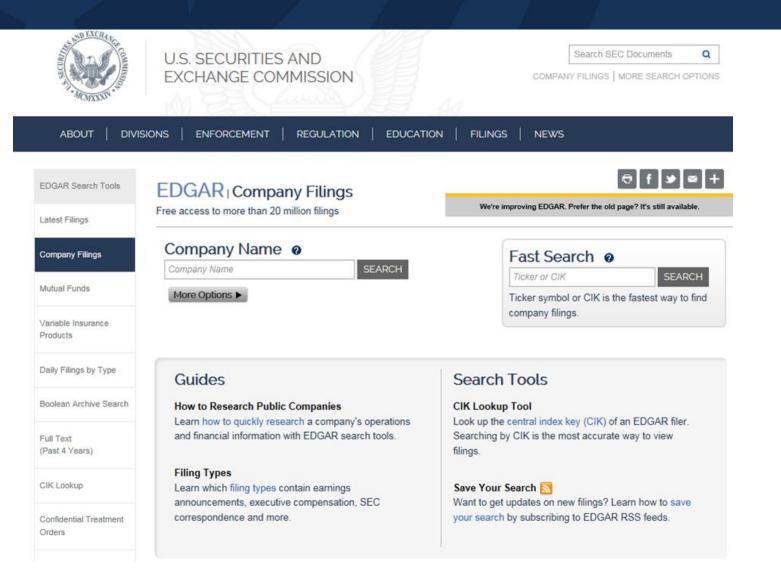


Is the product registered?

- Find out whether the company is registered with the SEC – this provides access to important information about the company
- Investors can check EDGAR, the SEC's online database of corporate filings
- Scams often involve unregistered companies



EDGAR





"Red Flags" of Investment Fraud

> It sounds too good to be true

Pressure to buy RIGHT NOW

Lack of Documentation















Unsolicited Offers to Invest

- Investment fraud criminals look for victims on social media sites, chat rooms, and bulletin boards.
- If you receive an unsolicited message from someone you don't know containing a "can't miss" investment, your best move is to pass up the "opportunity."





Persuasion Tactics of Fraudsters

Phantom Riches

Dangling the prospect of wealth, enticing you with something you want but can't have.

Source Credibility

Trying to build credibility by claiming to be with a reputable firm or to have a special credential or experience.



Social Consensus

Leading you to believe that other savvy investors have already invested.



Reciprocity

Offering to do a small favor for you in return for a big favor.

Scarcity

Creating a false sense of urgency by claiming limited supply.



Source: FINRA Investor Education Foundation



Responding to a Sales Pitch



http://www.youtube.com/embed/9PtCxXTUhJg?rel=0&autoplay=1

Source: FINRA Investor Education Foundation



Affinity Fraud

 \succ Targets members of identifiable groups.

- Fraudsters are often are members of the group, or pretend to be.
- Always Ask and Check even if you know the person making the investment offer.
- Remember: the person telling you about the investment may have been scammed.





Pump-and-Dumps

- Involve the hyping ("pump") of a company's stock through false or misleading statements.
- Typically involve "penny-stock" or "microcap" companies.
- Pitch to buy stock quickly

See our alerts on Investor.gov!

Once fraudsters "dump" their shares at the pumpedup price, the price falls and investors lose their money.



Investment Newsletters

- While legitimate newsletters may contain useful information about investing, others are tools for fraud.
- Fraudsters may lie about both the payments they receive and their track records in recommending stocks.
- They may claim to offer unbiased recommendations in newsletters when they stand to profit.
- Newsletters advertised on legitimate websites may also be fraudulent.



Investor.gov

Check Out Your INVESTMENT PROFESSIONAL

SEARCH THE DATABASE

It's a great first step toward protecting your money. Learn about an investment professional's background, registration status, and more.

FEATURED INFORMATION

Public Service Campaign

Watch the "Before You Invest, Investor.gov" television spot and see other materials from the campaign.

INVESTOR ALERTS AND BULLETINS

Investor Alert: Tick Size Pilot Program -What Investors Need To Know

Investor Bulletin: Microcap Stock Basics (Part 1 of 3: General Information)

Updated Investor Alert: Be on the Lookout for Advance Fee Fraud

More Alerts and Bulletins 🕨

GET HELP

Submit Complaints and Questions

Report a possible securities fraud, or ask a question or report a problem concerning investments, an investment account or a financial professional



Let's stay in touch...

Office of Investor Education and Advocacy U.S. Securities and Exchange Commission 100 F Street NE, Washington, DC 20549-0213 (800) 732-0330 (Toll-free Investor Assistance)



Investor.gov



www.facebook.com/SECInvestorEducation



@SEC_Investor_Ed



Outreach@SEC.gov



Questions?

