Contents at a Glance

Introduction	. 1
Part 1: A Quick Guide to the Fixed-Income Universe CHAPTER 1: Buying Bonds: In Your Best Interest CHAPTER 2: Constructing Your Portfolio's Foundation CHAPTER 3: A (Mostly) Heroic History of Bonds CHAPTER 4: Interest, Sweet Interest	11 29 43
Part 2: Bonds of Many Distinct Flavors CHAPTER 5: US Treasury Bonds: As Safe as Safe Can Be	83 03 17 31
Part 3: Bonds as Portfolio Cement. 1 CHAPTER 10: Return, Risk, and Realism	71 89 201
Part 4: A Manual for Smart Bond Shopping	235 253
Part 5: Bonds as Good Friends of Retirees 3 CHAPTER 17: Satisfying Your Need for Steady Cash 3 CHAPTER 18: Ensuring Financial Security in Old Age 3	805
Part 6: The Part of Tens 3 CHAPTER 19: Ten Most Common Misconceptions about Bonds 3 CHAPTER 20: Ten Mistakes Bond Investors Need to Avoid 3	35
Appendix: Helpful Web Resources for Successful Bond Investing	347
Index	353

Table of Contents

INTRODUCTION	1
About This Book. Conventions Used in This Book. What You're Not to Read Foolish Assumptions. How This Book Is Organized Part 1: A Quick Guide to the Fixed-Income Universe Part 2: Bonds of Many Distinct Flavors. Part 3: Bonds as Portfolio Cement Part 4: A Manual for Smart Bond Shopping. Part 5: Bonds as Good Friends of Retirees Part 6: The Part of Tens Icons Used in This Book Beyond the Book. Where to Go from Here	5 6 6 7 7 7
PART 1: A QUICK GUIDE TO THE FIXED-INCOME UNIVERSE	9
CHAPTER 1: Buying Bonds: In Your Best Interest Understanding What Makes a Bond a Bond. Choosing your time frame. Picking who you trust to hold your money. Recognizing the difference among bonds, stocks, and cryptocurrencies. Why Hold Bonds? (Spoiler Alert: It Isn't to Make You Rich). Identifying the best reason to buy bonds: Diversification. Going for the cash. Investing in an Era of Low, Low Interest Rates. All this fuss about the Fed. Real (after-inflation) interest rates matter most. Don't get depressed over depressed rates. Introducing the Major Players in the Bond Market. Supporting (enabling?) your Uncle Sam with Treasury bonds. Collecting corporate debt. Demystifying those government and government-like agencies. Going cosmopolitan with municipal bonds. Buying Solo or Buying in Bulk.	12 13 14 15 16 17 19 20 21 22 23
Picking and choosing individual bonds	

CHAPTER 2:	Constructing Your Portfolio's Foundation	29
	Focusing on Your Objectives	
	Deciding what you want to be when you grow up	
	Picturing your future nest egg Understanding the Rule of 20 (preferably 25)	
	Choosing your investment style	
	Making Your Savings and Investment Selections	
	Saving your money in safety	34
	Investing your money with an eye toward growth	
	Understanding Five Major Investment Principles	
	1. Risk and return are two sides of the same coin	
	2. Financial markets are largely efficient3. Diversification is just about the only free lunch	39
	you'll ever get	39
	4. Reversion to the mean — it means something	
	5. Investment costs matter — a lot!	41
	A (Mostly) Horoic History of Bonds	42
CHAPTER 3:	A (Mostly) Heroic History of Bonds	
	Beating inflation, but not by very much	
	Serving a savoir in times of distress	
	Looking Back Over a Long and (Mostly) Distinguished Past	
	Yielding returns to generations of your forebearers	
	Gleaning some important lessons	
	Realizing How Crucial Bonds Are Today	
	Viewing Recent Developments, Largely for the Better	54
CHAPTER 4:	Interest, Sweet Interest	57
	Calculating Rates of Return — Tougher than Deciphering	
	Babylonian	
	Cutting deals	
	Embracing the complexity	
	Conducting Three Levels of Research to Judge the Desirability	
	of a Bond	
	Level one: Getting the basic information	
	Level two: Finding out intimate details	
	Level three: Examining the neighborhood	
	Coupon yield	
	Current yield	
	Yield-to-maturity	
	Yield-to-call	
	Worst-case basis yield	
	The 30-day SEC yield	72

	Appreciating Total Return (This Is What Matters Most!)	73
	Figuring in capital gains and losses	73
	Factoring in reinvestment rates of return	74
	Allowing for inflation adjustments	74
	Weighing pretax versus posttax	75
	Measuring the Volatility of Your Bonds	76
	Time frame matters	76
	Quality counts	
	The coupon rate matters, too	77
	Foreign bonds, added risk	
	Revisiting the Bonds of Babylonia	78
	Interest short run, interest long run	
	Interest past, interest future	
	•	
PART 2	2: BONDS OF MANY DISTINCT FLAVORS	81
	US Treasury Bonds: As Safe as Safe Can Be	02
CHAPTER 5:		
	Investing with Uncle Sam in Myriad Ways	
	Savings bonds as gifts or small investments	
	Treasury bills, notes, and bonds for more serious investing	
	Treasury inflation-protected securities (TIPS)	
	Easing Your Fears of Default	
	Deciding Whether, When, and How to Invest in Treasuries	
	Figuring out whether you want Treasuries	
	Picking your own maturity	
	Adding in some inflation protection	
	Entering the Treasury Marketplace	
	Buying direct or through a broker	
	Choosing a new or used bond	101
	Tapping Treasuries through mutual funds and exchange-traded funds	102
	exchange-traded fullus	102
CHAPTER 6:	Getting Down to Business: Corporate Bonds	. 103
	Why Invest in These Sometimes Pains-in-the-Butt?	
	Comparing corporate bonds to Treasuries	
	Considering historical returns	
	Getting Moody: The Crucial Credit Ratings	
	Revisiting your ABCs	
	Gauging the risk of default	
	Special Considerations for Investing in Corporate Debt	
	Calculating callability	
	Coveting convertibility	
	Reversing convertibility —imagine that	
	neversing conventionity — imagine that	

	Appreciating High Yield for What It Is	.114
	Investing in high yields judiciously	
CHAPTER 7:	Powerful and a Tad Mysterious: Agency Bonds	. 117
	Identifying the Bond Issuers	
	Slurping up your alphabet soup	
	Separating federal agency bonds from GSEs	
	Sizing up the government's actual commitment	
	Introducing the agency biggies	
	Comparing and Contrasting Agency Bonds	
	Eyeing default risks, yields, markups, and more	
	Discos, floaters, and step-ups	
	Banking Your Money on Other People's Mortgages	
	Bathing in the mortgage pool	
	Deciding whether to invest in the housing market	
	Considering Agencies for Your Portfolio	.129
CHAPTER 8:	(Practically) Tax-Free: Municipal Bonds	. 131
	Appreciating the Purpose and Power of Munis	.132
	Sizing up the muni market	
	Comparing and contrasting with other bonds	
	Delighting in the diversification of municipals	
	Knowing That All Cities (Bridges or Ports) Are Not Created Equal.	
	Dealing with the rare default	
	Choosing from a vast array of possibilities	
	Consulting the Taxman	
	Bringing your bracket to bear	
	Singling out your home state	
	Matching munis to the appropriate accounts	.142
	Recognizing Why This Chapter Is Titled "(Practically) Tax-Free:	
	Municipal Bonds"	
	Reckoning with the AMT tax	
	Capping your capital gains Introducing the fully taxable muni	
	Buying Munis Made Easier	
CHAPTER 9:	International Bonds and Other Seemingly	
3 12N J.	Exotic Offerings	. 147
	Traveling Abroad for Fixed Income	.148
	Dipping into developed-world bonds	.148
	Embracing the bonds of emerging-market nations	.152

Bond Investing with a Conscience	
Having faith in church bonds	155
Adhering to Islamic law: Introducing sukuk	157
Sustainability-linked bonds	
Playing with Bond Fire: Potentially Risky Bond Offerings	
Rocking with Bowie Bonds	
Cashing in on catastrophe bonds	
Dealing in death	
Dancing in the Flames: Derivatives and Default Bond Products	
Daring to delve into derivatives	
Banking on losses with defaulted bond issues	
Catching a fallen angel	
Evaluating Exchange-traded Notes	
What are they?	
Should you invest?	168
PART 3: BONDS AS PORTFOLIO CEMENT	1.00
PART 3. BONDS AS PORTFOLIO CEMENT	169
CHAPTER 10: Return, Risk, and Realism	171
Searching, Searching, Searching for the Elusive Free Lunch	172
Making a killing in CDs yeah, right	172
Defining risk and return	173
Appreciating Bonds' Risk Characteristics	
Interest rate risk	
Inflation risk	
Reinvestment risk	
Default risk	
Downgrade risk	
Tax risk	
Fear-of-missing-out (FOMO) risk	
Regarding all these risks	
Reckoning on the Return You'll Most Likely See	
Calculating fixed-income returns: Easier said than done	
Looking back at history: An imperfect but useful guide	
Investing in bonds despite their lackluster returns	
Finding Your Risk-Return Sweet Spot	
Allocating your portfolio correctly	
Tailoring a portfolio just for you	187
CHAPTER 11: The Art and Science of Portfolio-Building	189
Mixing and Matching Your Various Investments	190
Dreaming of limited correlation	
Seeking zig and zag with Modern Portfolio Theory	192
Translating theory into reality	192

App	preciating Bonds' Dual Role: Diversifier and Ultimate	104
	ety Net Protecting yourself from perfect storms	
	Eyeing a centuries-old track recordognizing Voodoo Science	
	Comparing actively managed funds to index funds	
	Forecasting the future — and getting it wrong	
	Ignoring the hype	
CHAPTER 12: Sli	cing the Pie: How Much Should Be in Bonds?	. 201
Wh	y the Bond Percentage Question Isn't As Simple As Pie	202
	Minimizing volatility	203
	Maximizing return	204
	ring into the Future	
	Estimating how much you'll need	
	Assessing your time frame	
	Factoring in some good rules	
	Recognizing yourself in a few case studies	
	icing the Many Shades of Gray in Your Portfolio	
	Bonds of many flavors	
	Stocks of all sizes and sorts	
	Other fixed income: Annuities	
	Other equity: Commodities and real estate	
	king Sure That Your Portfolio Remains in Balance	
	Tweaking your holdings to temper risk	
	Savoring the rebalancing bonus	
	Scheduling your portfolio rebalance	218
CHAPTER 13: Ma	aking Your Preliminary Bond Choices	219
Rev	iewing the Rationale behind Bonds	220
	Making your initial selection	220
	Following a few rules	221
	ng Up Your Need for Fixed-Income Diversification	
	Diversifying by maturity	222
	Diversifying by type of issuer	222
	Diversifying by risk-and-return potential	
	Diversifying away managerial risk	224
Wei	ghing Diversification versus Complication	225
	Keeping it simple with balanced funds (for people with	
	less than \$2,000)	
	Moving beyond the basic (for people with \$2,000 to $4,000$).	225
	Branching out (with \$4,000 or more)	226

Finding the Perfect Bond Portfolio Fit Case studies in bond ownership Seeking out the more exotic offerings	226
PART 4: A MANUAL FOR SMART BOND SHOPPING	
CHAPTER 14: Planning Your Bond Buys and Sells	235
Discovering the Brave New World of Bonds	236 236 237 239 239
make more sense	246 247 248
Choosing between Taxable and Tax-Advantaged Retirement Accounts	250
CHAPTER 15: Diving (Carefully!) into the Individual	
Bond Marketplace	
Navigating Today's Bond Market	255
Dealing with Brokers and Other Financial Professionals Identifying the role of the dealer	.256 .257
Do you need a broker or agent at all?	.259 .259
Doing It Yourself Online	.262 .263
Perfecting the Art of LadderingProtecting you from interest rate flux	.265 .265 .266
Discount bonds or premium bonds?	

CHAPTER 16: Choosing Bond Funds Wisely	273
Defining the Basic Kinds of Funds	274
Mining a multitude of mutual funds	275
Establishing a position in exchange-traded funds	276
Considering an alternative: Closed-end funds	
Understanding unit investment trusts	279
Knowing What Matters Most in Choosing a Bond Fund	
of Any Sort	280
Selecting your fund based on its components and	
their characteristics	
Pruning out the underperformers	
Laying down the law on loads	
Sniffing out false promises	
My Picks for Some of the Best Bond Funds	
Short-term, high-quality bond funds	
Intermediate-term Treasury bond funds	
(Mostly) high-quality corporate bond funds	
Junk city: Corporate high-yield funds	
Agency bond funds	290
Municipal bond funds: Taxes be damned	
Taxable Muni Bonds	292
Global and International bond funds	
Emerging market bond funds	
All-in-one bond funds	295
Instant-Ladder, Defined-Maturity Bond Funds (Government, Corporate, Municipal)	208
All-in-one bond and stock funds	
Target-retirement date funds (otherwise known	230
as life-cycle funds)	300
PART 5: BONDS AS GOOD FRIENDS OF RETIREES	303
Catiativa Varus Na ad fau Chaadu Caab	
CHAPTER 17: Satisfying Your Need for Steady Cash	
Reaping the Rewards of Your Investments	
Aiming for freedom	
Estimating your target portfolio	
Lining up your bucks	
Finding Interesting Sources of Interest	
Certificates of deposit (CDs)	
Mining the many money market funds	
Banking on online savings accounts	
Considering the predictability of an annuity	
Hocking your home with a reverse mortgage	313

Recognizing that Stocks Can Be Cash Cows, Too Focusing on stocks with sock-o dividends Realizing gain with real estate investment trusts (REITs). Taking a middle ground with preferred stock. Introducing a Vastly Better Way to Create Cash Flow: Portfolio Rebalancing Buying low and selling high Rolling bond interest back in Dealing with realities.	314 315 316 316 318 320
CHAPTER 18: Ensuring Financial Security in Old Age	321
Looking Ahead to Many Years of Possible Portfolio Withdrawals Knowing Where the Real Danger Lies: The Risk of Being	
Too Conservative. Considering an aggressive approach. Easing back toward your comfort zone. Setting your default at 60/40. Allowing for adjustments to suit the times. Choosing my own and your ultimate ratio. Calculating How Much You Can Safely Tap. Revisiting risk, return, and realistic expectations. Basing your retirement on clear thinking. Making the Most Use of Uncle Sam's Gifts. Minimizing income is the name of the game.	323 324 325 326 328 328 329 330
Lowering your tax bracket through smart withdrawals	
PART 6: THE PART OF TENS	333
CHAPTER 19: Ten Most Common Misconceptions about Bonds	225
A Bond "Selling for 100" Costs \$100	
Premium, Duh	
Life of the Bond	337 338 338 338 339

CHAPTER 20: Ten Mistakes Bond Investors Need to Avoid $\dots 341$
Allowing the Broker to Churn You341
Not Taking Advantage of TRACE
Choosing a Bond Fund Based on Short-Term Performance342
Not Looking Closely Enough at a Bond Fund's Expenses343
Going Through a Broker to Buy Treasuries
Counting Too Much on High-Yield Bonds
Paying Too Much Attention to the Yield Curve
Buying Bonds That Are Too Complicated
Ignoring Inflation and Taxation
Relying Too Heavily on Bonds in Retirement
APPENDIX: HELPFUL WEB RESOURCES FOR
SUCCESSFUL BOND INVESTING
INDFX 353