3rd Edition

Financial Management for Nonprofit Organizations

Policies and Practices

John Zietlow Jo Ann Hankin Alan Seidner Tim O'Brien



Financial Management for Nonprofit Organizations

Financial Management for Nonprofit Organizations

Policies and Practices

John Zietlow Jo Ann Hankin Alan Seidner Timothy O'Brien

WILEY

Copyright © 2018 by John Wiley & Sons, Inc. All rights reserved.

Published by John Wiley & Sons, Inc., Hoboken, New Jersey. First edition Copyright © 1998 by John Wiley & Sons, Inc. Second edition Copyright © 2007 by John Wiley & Sons, Inc. Published simultaneously in Canada.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, scanning, or otherwise, except as permitted under Section 107 or 108 of the 1976 United States Copyright Act, without either the prior written permission of the Publisher, or authorization through payment of the appropriate per-copy fee to the Copyright Clearance Center, Inc., 222 Rosewood Drive, Danvers, MA 01923, (978) 750-8400, fax (978) 646-8600, or on the Web at www.copyright.com. Requests to the Publisher for permission should be addressed to the Permissions Department, John Wiley & Sons, Inc., 111 River Street, Hoboken, NJ 07030, (201) 748-6011, fax (201) 748-6008, or online at http://www.wiley.com/go/permissions.

Limit of Liability/Disclaimer of Warranty: While the publisher and author have used their best efforts in preparing this book, they make no representations or warranties with respect to the accuracy or completeness of the contents of this book and specifically disclaim any implied warranties of merchantability or fitness for a particular purpose. No warranty may be created or extended by sales representatives or written sales materials. The advice and strategies contained herein may not be suitable for your situation. You should consult with a professional where appropriate. Neither the publisher nor author shall be liable for any loss of profit or any other commercial damages, including but not limited to special, incidental, consequential, or other damages.

For general information on our other products and services or for technical support, please contact our Customer Care Department within the United States at (800) 762-2974, outside the United States at (317) 572-3993 or fax (317) 572-4002.

Wiley publishes in a variety of print and electronic formats and by print-on-demand. Some material included with standard print versions of this book may not be included in e-books or in print-on-demand. If this book refers to media such as a CD or DVD that is not included in the version you purchased, you may download this material at http://booksupport.wiley.com. For more information about Wiley products, visit www.wiley.com.

Library of Congress Cataloging-in-Publication Data is Available:

ISBN 9781119382560 (Hardcover) ISBN 9781119382614 (ePDF) ISBN 9781119382591 (ePub)

Cover Design: Wiley Cover Image: © Andrey_Popov/Shutterstock

Printed in the United States of America

10 9 8 7 6 5 4 3 2 1

CONTENTS

	Abo	ut the Authors	xxiii		
	ace	XXV			
	Acknowledgments				
1	Und	lerstanding Nonprofit Organization Finances	1		
	1.1	The Impact of the Great Recession	2		
	1.2	Definition of Nonprofit Organizations	3		
		(a) 501(c)(3) Corporations	4		
		(b) Bylaws and Articles of Incorporation	6		
	1.3	Characteristics of Nonprofit Organizations	7		
		(a) Organizational Mission	7		
		(b) Organizational Structure	8		
	1.4	Understanding the Language of the Nonprofit Organization	9		
	1.5	Financial Policies	10		
	1.6	Financial Practices	11		
	1.7	Primary Financial Objective	12		
		(a) Differences Between Businesses and Donative Nonprofits	13		
		(b) Survey Evidence on the Primary Financial Objective	14		
		(c) Financial Objective for Purely Financial Decisions	16		
		(d) Recommended Primary Financial Objective: Appropriate Liquidity Target	16		
	1.8	Conclusion	17		
		Notes	17		
	Арре	endix 1A The Lilly Study Findings	19		
		The Lilly Study	19		
		Keep the Mission First!	20		
		Management and Financial Objectives	20		
		On-Site Interviews, Questionnaires, and Archival Studies	25		
		The Appropriate Liquidity Target Model	25		
		Note	28		
2	Liqu	idity Management	29		
	2.1	Introduction	29		
		(a) Importance of Liquidity	31		
		(b) Are Nonprofits Overly Risk-Averse?	31		
	2.2	Noncommercial Nonprofit Organizations	34		
		(a) Guidance from Finance Theory	35		
		(b) Evaluation of Finance Theory	35		
		(c) Complexity of Nonprofit Cash Flows	35		

3

2.3	Evid	dence on Liquidity Management in the Nonprofit Sector	37
	(a)	Liquidity Management in the Healthcare Sector	37
	(b)	Liquidity Management in Colleges and Universities	38
	(C)	Liquidity Management in Faith-Based Donative	
		Organizations	38
2.4	Fac	ets of Liquidity Management	40
	(a)	Layers of Liquidity	41
	(b)	Solvency	41
	(C)	Liquidity	41
	(d)	Financial Flexibility	42
2.5	Imp	portance of Liquidity Management	42
	(a)	Institutional Factors	42
	(b)	Managerial Philosophy Factors	45
	(C)	Liquidity Implications of Institutional and Managerial Philosophy Factors	46
	(d)	Watchdog Agency Standards on Solvency and Liquidity	47
	(e)	Assessment of Watchdog Standards	50
2.6	Wh	at Is the Appropriate Level of Liquidity?	51
	(a)	Establishing the Liquidity Position Based on Financial	
		Vulnerability	52
	(b)	Diagnostic Tools to Assist in Setting the Appropriate	
		Liquidity Target	52
2.7		nclusion	54
	Not	tes	55
Mar	nagin	g Mission, Strategy, and Financial Leadership	59
3.1	Val	ue of Strategic Planning	60
3.2	Wh	at Is Strategic Planning?	61
3.3	Wh	at Are the Organization's Mission, Vision,	
	and	l Goals/Objectives?	61
	(a)	Strategy and the "Bottom Line"	63
	(b)	What Are Strategic Decisions?	64
3.4	Stra	itegic Management Process	65
	(a)	SWOT Analysis	66
	(b)	What Are Internal Strengths and Weaknesses?	67
	(C)	Using Environmental Scanning to Detect External Opportunities and Threats	68
	(d)	Strategic Management Is an Ongoing Process	68
	(e)	Financial Leadership, Sustainability, and the Business	
		Model	68
	(f)	Sustainability	70
	(g)	Business Model	70

	3.5	Implementing the Strategic Plan	73
		(a) Three Steps in Implementation	73
		(b) Cutback Strategies	73
	3.6	Performance Management Systems	78
		(a) Balanced Scorecard and Dashboard	79
		(b) Portfolio Approaches	84
	3.7	Strategic Planning Practices: What Does the Evidence Show?	88
	3.8	Conclusion	89
		Notes	90
4	Mar	naging Structure, Accountability, and Ethics	93
	4.1	Financial Tools and Support Structure	93
		(a) Elements of the Financial Structure	94
		(b) Internal Controls	95
		(c) Financial Policy	96
		(d) Financial Procedures	96
	4.2	Organizational Structure and Governance	96
		(a) Board of Trustees/Directors	97
		(b) Officers of the Nonprofit Organization	102
		(c) Board Committees	103
		(d) Executive Director/Chief Executive Officer	107
		(e) Staff	107
		(f) Volunteers	109
		(g) Independent Contractors	109
		(h) Constituents	109
		(i) Finance Function	110
		(j) Interface of CFO with CEO	122
		(k) Interface of CFO with the Board	122
	4.3	Accountability Structure	122
		(a) Accountability Structure	122
		(b) Establishing an Accountability Policy	123
		(c) Checklist for Assigning Responsibility	124
		(d) Designing an Accountability Structure	126
		(e) Monitoring an Accountability Structure	128
	4.4	Ethics	129
		(a) Ethics Check	129
		(b) Making Ethical Decisions	130
		(c) Ethical Challenges Faced by Nonprofits	131
		(d) An Effective Ethics and Compliance Program Goes	
		Beyond a Code of Ethics/Conduct	133
	4.5	Structure, Accountability, and Ethics in Practice	135

4.6	New Fo	rms	137				
4.7	Conclus	ion	138				
	Notes		140				
Арре	ndix 4A	By-Laws of the ABC Educational Foundation – A California Nonprofit Public Benefit Corporation	143				
	Article I	. Name	143				
	Article I	I. Offices	143				
	Sec	ction 1. Executive Office	143				
	Sec	ction 2. Other Offices	143				
	Article I	II. Purposes and Powers	143				
	Sec	ction 1. Purposes	143				
	Sec	ction 2. Powers	144				
	Sec	ction 3. Dedication of Assets	145				
	Article I	V. Membership Corporation	145				
	Sec	ction 1. Membership	145				
	Sec	ction 2. Members Called Trustees	145				
	Sec	ction 3. Persons Associated with the Foundation	146				
	Sec	ction 4. Liability of Trustees	146				
	Article v	/. Trustees	146				
	Sec	ction 1. Powers	146				
	Sec	ction 2. Number and Qualification of Trustees	146				
	Sec	ction 3. Manner of Selection of Trustees	146				
	Sec	ction 4. Term of Office	147				
	Sec	ction 5. Honorary Trustees	147				
	Sec	ction 6. Resignation and Removal of Trustees	147				
	Sec	ction 7. Vacancies	147				
	Sec	ction 8. Regular Meetings	147				
	Sec	ction 9. Special Meetings	148				
	Sec	ction 10. Notice and Place of Meetings	148				
		ction 11. Action at a Meeting: Quorum					
		d Required Vote	148				
		ction 12. Action Without a Meeting: Mail-Written lots	148				
		ction 13. Validation of Defectively Called or Noticed					
		etings	149				
		ction 14. Adjournment	149				
		ction 15. Form of Proxy or Mail-Written Ballot	149				
		ction 16. Fees and Compensation	149 149				
	Section 17. Council of Presidents						
	Article VI. Standing Boards of the Foundation						
		ction 1. Executive Committee	150				
	Sec	ction 2. Board of Development	152				

Article VII. Officers	153
Section 1. Chair of the Board	153
Section 2. President	153
Section 3. President-Elect	153
Section 4. Vice President-Development	153
Section 5. Vice President-Finance	153
Section 6. General Counsel	154
Section 7. Removal and Resignation	154
Section 8. Vacancies	154
Section 9. Compensation	154
Article VIII. Procedures	154
Section 4. Standing Orders	154
Section 5. Indemnification of Agents of the Corporation: Liability Insurance	154
Section 6. Support Group Policy	155
Article IX: Miscellaneous	155
Section 1. Inspection of Corporate Records	155
Section 2. Representation of Shares of Other	100
Corporations	155
Section 3. Fiscal Year: Audit	155
Article X. Amendments to By-Laws	155
Notes	156
Appendix 4B Summary of Trustee Responsibilities	
and Qualifications	157
Board of Trustees	157
Summary of Responsibilities	157
Qualifications	157
Board Chair	158
Summary of Responsibilities	158
Qualifications	158
Executive Director/Chief Executive Officer	158
Summary of Responsibilities	158
Qualifications	159
Treasurer/Chief Financial Officer	159
Summary of Responsibilities	159
Qualifications	160
Secretary	160
Summary of Responsibilities	160
Qualifications	160
Nominating Committee	161
Summary of Responsibilities	161
Qualifications	161

	Fi	nance	Committee	161
		Sun	nmary of Responsibilities	161
		Qua	alifications	162
	V	oluntee	ers	162
	Appendi	x 4C	Recommended Governance and Ethics Resources	163
5	Develo	ping F	Financial Policies	165
	5.1 In	troduc	tion	165
	(a) Wh	at Is Policy?	165
	(b) Wh	y Are Policies Required?	166
	(C) Cor	nplying with and Establishing Policy and Procedure	168
	(d	l) Wh	o Sets Policy?	169
	(e) Wh	ere to Start?	170
	5.2 Fi	nancia	l Policies	176
	(a) Role	es of Board, Board Treasurer, and CEO/ED	176
	(b) Fina	ancial Policies: Prescriptive or Restrictive?	177
	(C) Cate	egories of Financial Policies	178
	(d) Acc	ountability and Regulatory Compliance Policies	179
	(e) Fina	ancial and Financial Management Policies	182
	(f)	Dat	a Integrity Policies	185
	5.3 Pi	utting P	Policies into Place	189
	5.4 Es	stablish	ing Procedures	190
	5.5 Fi	nancia	Policies and Procedures in Practice	191
	5.6 A	ddition	al Resources	193
	N	otes		193
	Appendi	x 5A	Nonprofit Financial Policy Examples on the Internet	195
	Appendi	x 5B	Good, Better, and Best Measures of Target Liquidity	198
6	Unders	tandir	ng Financial Accounting Basics and Financial	
	Stateme	ents		201
	6.1 In	troduc	tion	201
	6.2 Fi	nancia	l Statement Users and Uses	202
	(a		at Do Donors' Representatives Say?	204
	(b		ernal and Internal Financial Statements	205
	(C) Wh	o Does the Accounting?	205
	(d		es of the Controller and Treasurer	209
	6.3 A	ccount	ing Basics	210
	(a		ancial Standards and Standards Setters	210
	(b) Fun	d Accounting Versus Consolidation	211
	(C		h Basis Versus Accrual Basis Accounting	212
	(d	l) Auc	lit, Review, or Compilation?	212

6.4	Three Financial Statements	213
	(a) Statement of Financial Position or Balance Sheet	214
	(b) Statement of Activities or Statement of Net Revenue	ues 219
	(c) Statement of Cash Flows	223
	(d) Statement of Functional Expenses	225
	(e) Financial Accounting Standards 116 and 117	228
	(f) What About the IRS Form 990 Tax Return?	230
	(g) Healthcare and Human Service Agency Financial Statements	231
	(h) Educational Institution Financial Statements	233
	(i) Cautions for Financial Statement Interpretation	233
6.5	The Audit and the Audit Committee	235
6.6	Financial Statement Users and Uses in Practice	236
6.7	Social Accounting	237
6.8	Additional Resources	237
	(a) Sources for Nonprofit Accounting and Accounting Standards	g 237
	(b) Sources for Nonprofit Accounting Software Review	
	(c) Sources for Nonprofit Accounting Firm Contacts	239
	(d) Source for Nonprofit Audit Committee Toolkit	239
	(e) Sources for Social Accounting Information and Te	
	Notes	240
Арре	endix 6A Revised Financial Statement Format – Accou Standards Update 2016-14	inting 243
	Reason for and Summary of Statement Presentation Ch	-
	Key Method: More Disclosure	244
	"Underwater" Endowment Amount	244
	Capital Restriction Expirations	244
	More Detail on Expenses and Cost Allocations	245
	Net Investment Return	245
	Visibility into Liquidity and Availability of Funds	245
	Disclosure on an Operating Measure and Stateme	
	of Cash Flows Presentation	247
	Partial or Full Implementation and Effective Date 2016-14	247
	Comparing the New Format to the Old Format	247
	Illustrating the New Format for Statement of Activities,	
	Statement of Cash Flows, Liquidity and Availability Dis	
	Statement of Activities	249
	Statement of Cash Flows and Disclosure of Liquid	1
	and Available Funds	251
	Interpretations and Implications	253
	Notes	256

7	Developing Financial Reports and Ratios: Making Sense of the Numbers								
	7.1	Introduction							
	7.1		257						
	1.2	Major Differences From For-Profit Business Reports	258						
		 (a) Financial Results Are No Longer the Primary Focus in Management Reports 	258						
		(b) Primary Financial Objective Is Target Liquidity, Not Profit	250						
		or Shareholder Wealth	259						
		(c) Fewer External Users, with a Different Accountability							
		Focus	260						
		(d) Different Funds and the (Temporarily or Permanently)							
		Restricted Versus Unrestricted Net Asset Distinction	261						
	7.3	Objectives of Financial Reports	263						
		(a) Accurate and Timely Representation of Financial Situation	263						
		(b) Mission Attainment Supportive Role	263						
		(c) Evidence of Accountability	264						
	7 4	(d) Tool for Turnaround Management	266						
	7.4 7.5	Reporting System Design Major Reports	267 268						
	7.5 7.6		208 268						
	7.0	Internal Reports (a) Annual	208 268						
			208 269						
		(b) Level 1: Budget Variance Analysis(c) Level 2: Annual Financial Statements and Ratios	209						
		(d) Level 3: Fundraising Management and Evaluation	298						
	77	(e) Level 4: Cash and Liquidity Analysis and Projection	302						
	7.7	External Reports	304						
		(a) Statements of Activities, Financial Position, and Cash Flows	304						
		(b) Form 990 and Other Public Reports	305						
	7.8	Conclusion	306						
	7.0	Notes	308						
	Anne	ndix 7A Example Financial Ratio Calculations	313						
	•••	ndix 7B Additional Financial Ratios	317						
	7B.1	Business Liquidity, Funding, and Operating Ratios	317						
	, 511	(a) Liquidity Ratios	317						
		(b) Funding Ratios	319						
		(c) Operating Ratios	319						
	7B.2	Other Ratios Used by Charity Rating Services	320						
	7 0.2	(a) Charity Navigator	320						
		(b) GuideStar	320						
	7B.3	Statement of Cash Flows Ratios	321						
	7B.4	Ratios with Comparative Benchmark Data Available							
		(Based on Form 990)	323						

	7B.5		nparative Benchmark Data for Faith-Based	
		Org	ganizations (Based on SA and SFP)	327
		(a)	8	327
	Appe		7C Credit Rating Agencies and DOE Ratios	329
		We	bsites for Credit Rating Agencies	329
8	Deve	elop	ing Operating and Cash Budgets	333
	8.1	Intr	oduction	333
	8.2	Ove	erview of the Budgeting Process	335
	8.3	Are	Nonprofit Organizations Doing Their Budgeting Properly?	336
		(a)	Operating Budgets in Practice	336
		(b)	Cash Budgets in Practice	337
	8.4	Dev	veloping and Improving Your Budgeting Process	337
		(a)	Preparation for Budgeting (Operations)	337
		(b)	Step 1: Establish a Budget Policy	338
		(C)	Budget Preparation Philosophy and Principles	340
		(d)	Step 2: Gather Archival Data	345
		(e)	Step 3: Assign or Begin Collection of Other Area Data	
			Input or Projections	345
	8.5		ing the Budgetary Amounts	346
		(a)	What Do I Need to Know About Forecasting?	346
		(b)	Revenues	348
		(c)	Expenses	348
		(d)	Extended Example of Actual Budget Development	349
		(e)	Budget Approval	350
		(f)	Budget Variance Reports and Responses	353
	0.6	(g)	Cautions	356
	8.6		lget Technique Refinements	357
		(a)	Nonfinancial Targets	357
		(b)	0 0	358
		(C)	Program Budgeting	360
		(d)	Zero-Based Budgeting	360
		(e) (f)	Rolling Budgets Scenario Planning	361 363
	8.7	. ,	h Budget	363
	0.7	(a)	Uses of the Cash Budget	363
		(a) (b)	Steps in Cash Budgeting	363
		(D) (C)	Forecasting Your Cash Position	364
	8.8		naging off the Budget	367
	0.0	(a)	Budget Variance Analysis Revisited	369
		(a) (b)	Cash Position	370
		(D) (C)	Responses to Financial Difficulties	370
		(\mathbf{U})	Responses to Emancial Difficulties	570

		(d)	Interna	al Measures	371
		(e)	Extern	al Measures	372
	8.9	Con	clusion	1	372
		Not	es		374
	Apper	ndix	8A C	ase Study: The Cash Crisis at the Children's	
				reatment Center	379
		The	Honol	ulu Children's Treatment Center	379
		Sou	rces of	Revenues	380
		Exp	enses		382
		The	Bank L	oan	383
		Que	stions		384
	Apper	ndix	8B C	ase Study: Tri-City Academy	386
		Cas	n Budge	et	386
			Constr	ruction	386
		Cas	n Budge	et	387
			Analys	sis	387
9	Long	-Rar	nge Fir	nancial Planning and Capital Budgeting	389
	9.1	Intro	oductio	n	389
	9.2	Plar	ning fo	or the Future	391
		(a)	-	tance of Long-Range Financial Planning	391
		(b)		Role in Financial Planning and Capital Budgeting	392
		(C)		red Maintenance: A Cautionary Tale	393
		(d)		Range Financial Planning Process	393
		(e)	0	cial Planning Basics	394
		(f)		op a Financial Model	399
		(g)		t and Reevaluate Target Liquidity	400
		(h)		on Our Financial Policies and Structure, How Fast	
				/e Grow?	412
	9.3	Fina	ncial E	valuation of New and Existing Programs	415
		(a)	Simple	e Portfolio Analysis	416
		(b)	Advan	ced Portfolio Analysis	416
		(C)	Annua	al Necessary Investment	417
	9.4	Сар	ital Buo	dgeting: Financial Evaluation of Projects That Arise	
		fron	n Existir	ng Programs	418
		(a)		ble 1: Net Present Value and Benefit-Cost Ratio	110
		4.5	Illustra		418
		(b)	•	ble 2: Equivalent Annual Cost Illustrated	421
		(c)		o Manage the Total Capital Budget	423
		(d)	•	l Budget and Capital Rationing	423
		(e)	Kation	ing the Capital	424

	9.5	Financial Evaluation of Mergers, Joint Ventures, and Strategic Alliances	425
		(a) Mergers and Acquisitions	425
		(b) Motives for Mergers and Acquisitions	425
		(c) Partnerships, Joint Ventures, and Strategic Alliances	429
		(d) Strategic Alliances	430
	9.6	Financial Planning and Capital Budgeting in Practice	434
	9.7	Conclusion	435
		Notes	436
	Apper	ndix 9A Case Study: Kiawah Island Community Association	440
	Apper	ndix 9B Evaluating Social Enterprises	443
		Framework Interpretation and Implementation	443
		Caveats	444
		Notes	445
10	Mana	aging Your Organization's Liabilities	447
	10.1	Managing the Balance Sheet	448
	10.2	Balance Sheet Management: Benefits and Steps	449
		(a) What Constitutes a Well-Managed Balance Sheet?	449
		(b) Determining Your Organization's Debt Capacity	453
	10.3	Payables	454
	10.4	Short-Term Borrowing	455
	10.5	Strategic Financing Plan	456
		(a) Borrower's Strategic Financial Objectives	457
		(b) Borrowing Requirements	458
	10.6	Steps to Successful Borrowing	458
		(a) Understanding Debt	459
		(b) Loan Approval Process	460
		(c) Alternative Sources of Short-Term Funds	462
	10.7	Matching Financial Sources to Strategic Objectives	463
	10.8	Preparing the Financing Proposal	464
		(a) Term Sheet	464
		(b) Plan Overview	464
		(c) Presentation Contents	464
	10.9	Making the Presentation	465
		(a) Importance of Questions	465
		(b) Answering Objections	465
		(c) Personalizing the Presentation	466
	10.10	Other Factors in Borrowing/Lending Decisions	466
		(a) Borrowing from the Bank	466
		(b) Trends in Short-Term Lending	470

	10.11	Municipal and Taxable Bonds	470
		(a) Municipal Bonds	470
		(b) Taxable Bonds	475
		(c) What Qualifies My Organization to Issue Bonds?	476
		(d) What If My Organization Is Not Perceived as	
		Creditworthy?	476
	10.12	Leasing and Nontraditional Financing Sources	477
		(a) The Leasing Process	477
		(b) Leasing Versus Borrowing	477
		(c) Program-Related Investments (PRIs)	478
		Developing a Debt and Hedging Policy	479
		Liability Management in Practice	481
	10.15	Conclusion	484
		Notes	485
11	Cash	Management and Banking Relations	489
	11.1	Introduction	489
	11.2	What Is Cash Management?	492
		(a) Banking Environment	492
		(b) Purchasing Bank Services	494
		(c) Managing Bank Service Charges	500
	11.3	Collection Systems: Managing and Accelerating Receipt	
		of Funds	501
		(a) Lockbox Processing	505
		(b) Checklist of Collections-Related Services and Activities	506
	11.4	Disbursements	507
		(a) Designing the Disbursement System	508
		(b) Fraud and Internal Control in Disbursements	508
	11.5	Structuring a Funds Management System	509
	11.6	Monitoring Bank Balances and Transactions	509
		(a) Balance Reporting and Transaction Initiation	509
		(b) Account Reconciliation	510
	11.7	Cash Forecasting	511
		(a) Cash Scheduling	511
		(b) Data Elements for Cash Flow Estimates	512
	11.8	Short-Term Borrowing	512
	11.9	Short-Term Investing	513
		(a) Bank Sweep Accounts/Investment Services	514
		(b) Institutional Money Market Funds	516
	11.10	Benchmarking Treasury Functions	517
		(a) Larger Organizations	517
		(b) Smaller Organizations	518

	11.11	Upgrading the Caliber of Treasury Professionals	518
	11.12	Security and Risk Management Issues	521
		(a) Types of Financial Risk	521
		(b) Fraud	521
	11.13	Trends in Treasury Management	522
		(a) Key Performance Indicators	522
		(b) Automation and Technology	522
		(c) Tapping Service Provider Expertise and Outsourcing	523
		(d) Cash Management in Practice	524
		Notes	524
	Appe	ndix 11A Direct Payment for Nonprofits	527
		Save Time and Costs, and Advance Organizational Goals	527
		Increase Efficiencies in Your Organization	527
		Increase Donation Dollars and Encourage Continued Giving	527
		Keep Your Business Payments and Donations Secure	528
		Calculate Savings	528
		Get Started	528
		Resources	528
	Арре	ndix 11B Direct Payment Case Study	529
12	Inve	stment Policy and Guidelines	533
	12.1	Investment Policy	533
		(a) Short-Term Investment Policy	536
		(b) Long-Term Investment Policy	536
	12.2	Investment Guidelines	538
		(a) Who Is Responsible for the Investing Program?	538
		(b) Who Does the Investing?	539
		(c) How Are Assets to Be Allocated?	539
		(d) How Is Performance Measured and Reported?	543
		(e) What Level of Risk Is to Be Assumed?	546
		(f) Review and Modification of the Investment Guidelines:	510
		(g) Who Is Responsible for What? (g) Checklist of Elements for Any Investment Policy	548 548
	10.0		540
	12.3	Checklist of Elements for Long-Term/Endowment Investment Policy and Guidelines	548
	12.4	Investment Committee	550
	12.5	Trends in Investment Management	551
	12.6	Investment Policy Summary	553
		Notes	554
	Appe	ndix 12A Sample of Short-Term Investment Policy	
		and Guidelines	557
		Investment Committee	557

Invest	ment Policy	557
Invest	ment Responsibility	557
Repor	ting	558
Invest	ments	558
(a) (a)	Obligations of the US Government or Its Agencies	558
(b) E	Banks – Domestic	558
(c) E	Banks – Foreign	558
(d) (d)	Commercial Paper	558
(e) (Corporate Notes and Bonds	558
(f) <i>N</i>	Aunicipals	558
(g) F	Repurchase Agreements	559
(h) <i>N</i>	Aoney Market Funds	559
(i) S	afekeeping Accounts	559
(j) [Denomination	559
(k) [Diversification of Investments	559
Matur	ity Limitations	559
Revie	w and/or Modification	559
Appendix 12	B Investment Policy	560
Introd	uction	560
Invest	ment Assets	560
Purpo	se of the Investment Policy	560
Deleg	ation of Authority	561
Respo	nsibilities of the Investment and Finance Committee	561
Respo	nsibilities of the Investment Manager	562
Respo	nsibilities of the Custodian	563
Cash	Flow Requirements	563
Gene	ral Investment Principles/Assumptions	564
	Diversification	564
Asset	Quality	564
	ment Objectives	566
ι	Unrestricted Reserves	566
F	Restricted Reserves	566
E	indowments	567
Asset	Allocations	567
Socia	Responsibility	568
Perfor	mance Evaluation and Reporting Requirements	568
Appendix 12	C Short-Term Investment Policy for HIJ Foundation	570
Appendix 12	,	
	Foundation's Long-Term Endowment Pool	572
Stater	nent of Investment Objectives	572
Asset	Allocation	572

Guidelines for the Selection of Fixed-Income Securities	573
Diversification	573
Quality	573
Duration	573
Guidelines for Selection of Equities: Diversification	
for Each Manager	573
Performance	574
Permissible and Nonpermissible Assets	574
Selection of Investment Managers	575
Responsibilities of the Investment Manager	575
Adherence to Statement of Investment Objectives	
and Policy Guidelines	575
Discretionary Authority	575
Appendix 12E Definitions of Fixed-Income Instruments	576
US Treasury Securities	576
US Government Agency Obligations	576
Municipal Securities	577
Bank Obligations	577
Certificates of Deposit	577
Fixed-Time Deposits	578
Bankers' Acceptances	578
Asset-Backed Securities	578
Commercial Paper	578
Loan Participations	579
Corporate Notes and Bonds	579
Repurchase Agreements	579
Money-Market Mutual Funds	581
Note	582
Appendix 12F Definitions of Equity Instruments	583
Appendix 12G Glossary	585
Information Technology and Knowledge Management	587
13.1 Introduction	587
13.2 How Much Technology and Which to Choose?	591
(a) What Types of Technology Tools Should I Consider?	592
(b) Are They Required?	593
(c) Do I Need Them?	593
(d) What Will They Do for Me?	593
(e) What Will They Not Do for Me?	593
(f) Can I Afford Them?	594
(g) What Changes Will They Introduce to My Organization?	594

13

	13.3	Knowledge Management and Information Technology	596
		(a) How Critical Is Data?	596
		(b) Knowledge Management	596
	13.4	Information Technology in Today's Nonprofits	597
		(a) Electronic Commerce	597
		(b) Spreadsheets and Beyond for Data and Decisions	597
		(c) Dedicated Software	600
	13.5	What Should I Know/Do Before Investing in Technology Tools?	602
		(a) Planning for Growth	602
		(b) Outsourcing?	603
	13.6	Software: Design Internally or Purchase?	604
	13.7	Disclosure, the Law, and Security	604
		(a) A Company Data Policy	604
		(b) Security Issues and Trends	605
	13.8	Needs Assessment and Analysis	609
		(a) Assess	609
		(b) Analyze	610
		(c) Critique	611
		(d) Decide	612
		(e) Implement: Getting People to Use the New Tool	612
	13.9	Policies and Practices in Knowledge Management	
		and Information Technology	613
		Notes	617
	•••	ndix 13A Glossary of Basic Technical Terms	621
	•••	ndix 13B Framework for an Implementation Strategy	624
	Appe	ndix 13C Case Study: Using Technology to Improve Cash	(0)
		and Treasury Management	626
		The San Diego Zoo's CFO Brought the Rigors of Cash Flow Forecasting	626
		The Cultural Revolution	626
		Almost in Reach	628
			028
14	Man	aging Risk, Legal Issues, and Human Resources	629
	14.1	What Is Risk Management?	629
		(a) Who Is Responsible for Managing Risk in the Nonprofit	0_>
		Organization?	634
		(b) Communicate Risk Management Policy	635
	14.2	Identifying Risk	635
	14.3	Primary Financial Risk: Illiquidity	636
	14.4	Legal Environment	637
		(a) Sarbanes-Oxley in the Nonprofit Sector	637
		(b) Ethical Considerations	638
		(c) Relevant Agency and Regulatory Rules	638

	14.5	Safeguarding People	639
		(a) Tools for Effective Human Resource Management	639
		(b) Physical and Emotional Safety	640
		(c) Protecting the Organization from Lawsuits and Grievances	641
		(d) Dealing with Difficult or Problem Employees	641
		(e) Grounds for Immediate Termination	642
		(f) Compensation	642
		(g) Personal Use of Organizational Resources	643
		(h) Conflict of Interest	643
		(i) Getting the Most "Bang for Your Buck"	644
		(j) Staff and Volunteers – What Motivates Them?	644
		(k) What Qualities Should Leadership Possess?	647
	14.6	Directors' and Officers' Liability	647
		(a) Methods by Which Boards Can Protect Themselves	647
		(b) Conflicts of Interest	648
		(c) Executive Pay	648
		(d) Duties of Care, Loyalty, and Obedience	648
	14.7	Safeguarding Your Financial and Physical Assets	649
		(a) Insurance	649
		(b) Risk Retention Versus Risk Transfer	651
		(c) Internal Controls	651
		(d) Fundraising	652
		(e) How to Begin the Financial Assessment Process	652
	14.8	Risk Management and Human Resource Management	
		Practices	654
		Notes	658
	Appe	ndix 14A Derivatives Checklist	663
		Why Derivatives?	663
		Forwards Versus Futures	664
		Guidelines for Derivatives Use: A Checklist	664
		Notes	667
	Арре	ndix 14B Case Study of Association's Foreign Exchange Risk Management	668
15	Evalu	uating Your Policies and Progress	671
	15.1	Introduction	671
	15.2	Evaluation	673
	15.3	Evaluating Your Decisions and Ethics	673
	15.4	Evaluating Your Communications	679
	15.5	Evaluating Your Mentoring and Supervisory Skills	683
	15.6	Testing Your Supervisory and Managerial Skills	684
	15.7	Evaluating the Strategic Nature of Your Role	684

15.8	Evaluating the Financial Health of Your Organization		689
	(a)	Importance and Definition of Financial Health	689
	(b)	Criteria for Measuring Your Financial Health	690
15.9	Eval	uating Your Financial Policies in Six Key Areas	691
	(a)	Governance and Accountability	691
	(b)	Liquidity Management and Your Primary Financial	
		Objective	694
	(C)	Investments	700
	(d)	Fundraising	701
	(e)	Risk Management	704
	(f)	Human Resources	704
15.10	Eval	uating Quality and Outcomes	705
15.11	Usii	ng External Consultants and Data Sources	706
15.12	Conclusion		706
	Not	es	707

Ind	ex
-----	----

711

ABOUT THE AUTHORS

John T. Zietlow, D.B.A., CTP, teaches nonprofit financial management as an associate faculty member at Indiana University-Purdue University at Indianapolis (IUPUI) and Indiana University (Bloomington). He was permanently certified through the Treasury Management Association as a certified cash manager (CCM) and is certified through the Association for Financial Professionals as a Certified Treasury Professional (CTP). He has done training and consulting in the areas of cash management, treasury management, and investment management and portfolio performance evaluation. He has co-authored Cash and Investment Management for Nonprofit Organizations (2007) and Short-Term Financial Management (2017). John is also a professor of finance at Southwest Baptist University, where he teaches nonprofit financial management and strategic consulting practice in the doctoral program in educational leadership, as well as corporate finance, investments, derivatives, personal finance, and managerial economics in the business school. He previously taught at Oral Roberts University, Malone University, Lee University, Mount Vernon Nazarene University, and Indiana State University. While at Indiana State University, he received a multi-year grant from the Lilly Endowment to do research on application of corporate finance to nonprofit organizations. In that field research the primary financial objective of target liquidity which forms a unifying framework for nonprofit financial management was revealed. He holds membership in the Financial Management Association, Association for Research on Nonprofit Organizations and Voluntary Action (ARNOVA; also part of the Social Entrepreneurship/Enterprise Section and the Nonprofit Finance and Financial Management Common Interest Group), Christian Finance Faculty Association, and Christian Business Faculty Association. He may be reached via e-mail at: jzietlow@outlook.com or jzietlow@iupui.edu.

Jo Ann Hankin is a nationally recognized consultant in the field of fundraising, and financial/administrative management for nonprofits.

Alan G. Seidner was the founder of Seidner & Company of Pasadena, CA, an investment management and consulting firm whose roster included high net worth investors, healthcare organizations, major corporations, nonprofit institutions, and municipalities. In 1998, Seidner & Company ceased operation as its clients were invited to become clients of Fiduciary Trust International of California (FTIC). From 1998 until 2002, Seidner was an independent consultant and a Senior Consultant to FTIC and its parent, Fiduciary Trust International, which later merged with Franklin Resources, parent of Franklin Templeton. From 2005 thru 2007, Seidner was a Senior Vice President at Denver Investment Advisors. Currently he is a Senior Consultant for Client Development with the Pyatt Broadmark Real Estate Lending Funds. He holds Series 7 and Series 63 FINRA registrations.

Seidner was the author of many financial reference works, and was a frequent speaker on investment techniques and strategies. He has served as a speaker on investment techniques and strategies at numerous financial conferences, such as those of The American Institute of Certified Public Accountants and the Graduate Schools of Business of Duke University, Ohio State University, the University of California (Berkeley), the University of North Carolina and the University of Southern California. He has also provided testimony before federal government agencies on the performance of pension fund investments.

Tim O'Brien, PhD serves as a practitioner faculty at North Park University, School of Business and Nonprofit Management where he specializes in Nonprofit Financial Management. He also teaches financial accounting, managerial accounting and strategic

management for nonprofit organizations. He also teaches at The Spertus Institute. He previously taught at JFK University in Northern California. He also serves as Senior Consultant for Lumity, a nonprofit organization that provides financial consulting services to nonprofits in the Chicago area. He has also served as an international workshop leader, controller, CFO and Director of Finance and Administration in a variety of nonprofit organizations. In addition, he serves as Treasurer for St. Luke's Episcopal Church in Evanston, II and on the Advisory Board of the Axelson Center at North Park University. Dr. O'Brien holds a BA in Accounting from Queens College, Flushing, NY, an MA in Management from JFK University in Pleasant Hill, CA and a PhD in Interdisciplinary Studies from The Union Institute & University, Cincinnati, OH.

PREFACE

Financial Management for Nonprofits is a book written for use by those presently responsible for or in training for financial management in a nonprofit organization. There are many titles used to identify persons assigned these responsibilities including, but not limited to, the director of finance, chief financial officer, treasurer, controller, chief accountant, director of operations, vice-president of business affairs, business administrator, and financial secretary. Actually, the title of the position is not important; the responsibility is extremely important. Board members are also in view here, especially those serving on the executive committee, finance committee, investment committee, risk management committee.

Our book is written from a managerial decision-making perspective for those in leadership and day-to-day management positions who have oversight responsibility for financial functions or are members of the Board. These leaders and managers may, or may not, be experienced financial managers. Most of the subjects and issues that confront those responsible for financial management and related functions in the small- to medium-sized nonprofit organization are not determined by size, but rather by the mix of assets and strategies employed to accomplish the organization's mission.

Another important focus of this book is to demonstrate that financial management functions are expanding – and when done well, these strategies will make a real difference in the organization's ability to achieve its mission. Effective and responsible financial management contributes toward accomplishing the mission in a number of significant ways, including:

- Financial stewardship and policy setting
- Governance
- Financial reporting and accountability
- Establishing liquidity policy and guiding decisions to maintain that liquidity or rebuild it when depleted
- Strategic planning
- Evaluation of existing and proposed business model
- Evaluation of existing and new programs
- Fundraising evaluation
- Cash planning
- Budgeting and long-range financial planning
- Debt and other liability management
- Operational expertise and strategic internal business consulting
- Empowerment through the sharing of information and harnessing of technology
- Catalyst for cultural change in the organization
- Preservation of investment assets and increase in investment income
- Fraud prevention, detection, and control

Depending on your nonprofit organization's size and scope of activities, the nature and complexity of its financial functions will range from simple to highly sophisticated and complex. In any case, the financial systems used must be designed to provide the information necessary to meet management, fiduciary, and legal requirements. This book is unique among the books available on nonprofit accounting and finance in developing a basis for liquidity targeting as the primary financial objective of the nonprofit – especially noncommercial nonprofit organizations. It then ties other financial decision areas to this liquidity target throughout the book. We include coverage of five major topical categories in order to emphasize the positive contributions of the financial and business functions to the organization and its mission:

- Managing your organization's financial resources
- Establishing and revising financial policies
- Accounting, budgets, and financial reports
- Investing for the short and long term
- Controlling and managing risk, including liquidity risk, cyber risk, interest rate risk, and exchange-rate risk

In this updated and revised third edition, we have added new material on policies, practices, governance, business models, financing vehicles, setting reserve levels, risk management topics, and the revised financial statement format embedded in ASU 2016-14. We have particularly focused on information that is not limited to primarily academic interest, but is state-of-the-art and represents "best practices." We have tapped many new resources to ensure we are including the "best of the best," and we are most grateful for the many researchers, consultants, accounting and auditing firms, risk experts, and other authors whose material has deeply enriched this book. We are also gratified to see that the primary financial objective that was discovered in our grounded field studies, funded by the Lilly Endowment, is now becoming mainstream in the practitioner world. In fact, Mark Jones, an executive at a nonprofit financial institution, renamed our primary financial objective to be an "appropriate liquidity target," a convention we have adopted in this new edition.

Working for a nonprofit organization is an exciting and meaningful opportunity. There are many similarities and differences between nonprofit and for-profit organizations, and it is important to recognize and understand how they are similar as well as dissimilar. By virtue of their mission, nonprofit organizations benefit society by improving the public good.

Close to two million nonprofit organizations of all sizes exist in the United States today, employing many people. Many more nongovernmental organizations exist internationally. Each nonprofit organization has a responsibility to its mission, its constituents, its donors and other funders, its employees, and its volunteers. The proficient financial management of the organization's resources is absolutely critical to enable it to succeed in fulfilling its mission and goals.

As you can see from the material covered in this book, those involved in managing the finances of the organization have a great deal of responsibility. In the process of carrying out these responsibilities, some members of the organization may feel disliked or undervalued by those they serve on a regular basis. Under these circumstances, it is critical for the responsible financial manager to be fair, to understand the interplay between facts and people, and to understand that accountability is not always popular with those being held accountable.

This book is intended to provide current and soon-to-be nonprofit managers, particularly those involved with financial management, with a clear sense of the technical expertise and skills needed to manage this function well for their organization. It will also reinforce the fact that anyone with a financial role is part of a larger group in the nonprofit community who fulfill the same set of major responsibilities and uphold the same ethics and values. The authors hope that the information contained in this book will enable readers to better manage the financial resources of the nonprofit organizations they serve and enhance their overall financial health and viability.

Finally, this book serves as a textbook for certificate programs, undergraduate courses, and graduate courses in nonprofit financial management (particularly in MPA, MBA, MNPM, and MNO programs). Two of us have taught and trained managers and students in nonprofit financial management for roughly 20 years. We believe that the private nonprofit sector is sufficiently dissimilar to business and public sector organizations to merit special focus for students in this fascinating arena. This book has been used at the undergraduate, masters', and doctoral levels. It has also been used as a course manual for nonprofit executive training, in both in-person and online venues. It has helped students gain an appreciation and understanding of educational, healthcare, faith-based, arts, human services, youth services, community development, environmental, and other charitable organizations' financial decision-making. There is a dedicated course support website for students and faculty members at www.wiley.com/go/zietlow. Adopting faculty members are invited to contact John (jzietlow@indiana.edu) or Tim (tobrien@northpark.edu) for guidance on how best to use the book in academic courses or executive training.