403(b)(7) employee adoption agreement



Return by mail: Putnam Investments PO Box 219697 Kansas City, MO 64121-9697 Return by express delivery: Putnam Investments 430 W 7th Street Suite 219697 Kansas City, MO 64105-1407 For more information: Putnam Investments 1-800-662-0019 www.putnam.com Please make checks payable to Putnam Fiduciary Trust Company, LLC



Use this form to establish a new Putnam 403(b)(7) Custodial Account.

Section 1 Pro	vide employee in	formation		
Name of employee First	MI Last	Suffix Soc	cial security number (required)	Date of birth (mm/dd/yyyy; required)
Contact phone number				
E-mail address				
•	, ,		rent contact information on file w ications will be sent to the e-mail a	ith Putnam (if applicable). No changes will be address listed above.
Electronic delivery of a	account documents			
	<u>I</u> " and reduce paper, printing an		-	
will allow you to choose y annual/semiannual fund in Putnam Investor Services will be provided to you p document is available, ins	your eDelivery options. Documer reports, proxy statements, and to s will send you an e-mail notifica rior to confirmation of your elec- stead of sending the document t	nts available for eDelive ax forms. When a new c tion that the document tionss, prospectuses, an to you by U.S. mail, Putr	ry include transaction confirmatic locument is available, instead of s is available via Putnam's Website nual/semiannual fund reports, pro	o Putnam's secure Investor Website, which ons, quarterly statements, prospectuses, sending the document to you by U.S. mail, and Early and Conditions related to eDelivery oxy statements, and tax forms. When a new ou an e-mail notification that the document is nation of your elections.
Mailing address (required	d)			
Street				
City			State ZIP cod	de
Residential address (Requ	uired if mailing address is a P.O. E	Box or c/o address)		
Street				
City			State ZIP cod	de
Section 2 Pro	vide employer in	formation		
Will payroll deduction co	ontributions be made to this ac	ccount?	□ No	
Name of company			Company number	
Street address				
City			State ZIP cod	de

Section 3 Provide information about your financial advisor

Dealer number	Branch office number	Financial advisor number	CRD number	
Financial advisor name(s) ex	actly as it appears on firm's i	registration		
Financial advisor's firm			Financial advisor's contact phone numbe	er
Branch office street address				
City		Ste	ate ZIP code	
	Guide (https://www.putnar		your investment. You must enter the fund name and no a separate sheet of paper with fund number, fund nam	
Money Market A. • For assets moved from an	le to Putnam: If no class of s		urchased and any unallocated assets will be invested in with the originating Putnam account(s) unless otherwis	
Contributions will always be	coded for the current year i	n which your paperwork is received at Putr	nam per IRS regulations.	
Fund number Fund nam	ne	Dollar amount	Percentage	
		\$	or	
		\$	or	
		\$	or	
		\$	or%	
			100%	

Section 5 Designate your beneficiary(ies)

Complete Sections 5A and 5B to designate primary and contingent beneficiaries respectively for assets payable upon your death. For each beneficiary, PFTC, LLC requires the full name, tax identification number, and date of birth. If you name multiple primary or contingent beneficiaries, please specify the percentage each is to receive. If no percentage is specified, your account will be divided among your surviving primary beneficiaries in substantially equal amounts. If no primary beneficiaries survive you, your account will be divided among your surviving contingent beneficiaries. If none of your designated beneficiaries survive you, your account will be distributed according to the provisions of the 403(b)(7) Custodial Account Agreement.

Important: PFTC, LLC does not accept customized beneficiary designations (for example, designations which involve multiple contingencies within a primary or contingent beneficiary category) or "per stirpes" designations. All beneficiaries must be designated as either primary or contingent and must include all identifying information referenced above. PFTC, LLC generally cannot accept beneficiary designations from attorneys-in-fact, conservators, or guardians. If the designated beneficiaries are not accepted by PFTC, LLC the provisions of the 403(b)(7) Custodial Account Agreement will be in effect.

5A: Primary beneficiary(ies):	
Percentages for primary beneficiaries must equal 100% . For any additional primary beneficiary designiformation for each beneficiary.	gnations, attach a separate page which contains all required
Name of individual (First, MI, Last)/Full name of entity/trust	
Tax identification number (required) Date of birth (mm/dd/yyyy; required)	
Residential address (Street, City, State, ZIP Code)	
Relationship	Percentage
□ Spouse □ Entity/Trust □ Other	%
Name of individual (First, Ml, Last)/Full name of entity/trust	
Tax identification number (required) Date of birth (mm/dd/yyyy; required)	
Residential address (Street, City, State, ZIP Code)	I
Relationship	Percentage
☐ Spouse ☐ Entity/Trust ☐ Other	%
Name of individual (First, MI, Last)/Full name of entity/trust	
Tax identification number (required) Date of birth (mm/dd/yyyy; required)	
Residential address (Street, City, State, ZIP Code)	
Relationship	Percentage
☐ Spouse ☐ Entity/Trust ☐ Other	%
Name of individual (First, MI, Last)/Full name of entity/trust	
Tax identification number (required) Date of birth (mm/dd/yyyy; required)	
Residential address (Street, City, State, ZIP Code)	
Relationship	Percentage
☐ Spouse ☐ Entity/Trust ☐ Other	

100%

Section 5 Designate your beneficiary(ies) (continued)

5B: Contingent beneficiary(ies): Percentages for contingent beneficiaries must equired information for each beneficiary.	al 100%. For any additional contingent beneficiary designations, attach a	separate page which contains all
Name of individual (First, MI, Last)/Full name of en	tity/trust	
Tax identification number (required) Residential address (Street, City, State, ZIP Code)	Date of birth (mm/dd/yyyy; required)	
Relationship		Percentage
☐ Spouse ☐ Entity/Trust ☐ Other		%
Name of individual (First, MI, Last)/Full name of en	tity/trust	
Tax identification number (required) Residential address (Street, City, State, ZIP Code)	Date of birth (mm/dd/yyyy; required)	
Relationship □ Spouse □ Entity/Trust □ Other		Percentage %
Name of individual (First, Ml, Last)/Full name of en	tity/trust	
Tax identification number (required) Residential address (Street, City, State, ZIP Code)	Date of birth (mm/dd/yyyy; required)	
Relationship □ Spouse □ Entity/Trust □ Other		Percentage
Name of individual (First, MI, Last)/Full name of en	tity/trust	
Tax identification number (required) Residential address (Street, City, State, ZIP Code)	Date of birth (mm/dd/yyyy; required)	
Relationship □ Spouse □ Entity/Trust □ Other		Percentage
C: Signature of 403(b) participant's spouse (if ap	Nicable):	100%
you are married to the 403(b) participant and he o d tax law implications of this beneficiary designation	she has designated a beneficiary(ies) other than you, please consult your on, including the need for your consent. By signing below you indicate that nated beneficiary(ies). PFTC, LLC is not responsible to determining whether	you are the spouse of the individual
gnature of spouse	Date (mm/dd/yyyy)	
int name of signature above		

Section 6 Reduced sales charges (optional)

If you already own shares of another Putnam fund, or if you agree to invest a certain amount, you may be able to reduce the sales charge you pay.

CUMULATIVE DISCOUNT To qualify for sales charge discounts on class A and M shares, list the account number(s) of other Putnam fund(s) that you or your family (spouse and/or children under age 21) own. Fund number Account number	LETTER OF INTENT By checking an amount below, I agree to the terms and conditions for a Letter of Intent as set forth in the Statement of Additional Information (including the escrowing of shares). Although I am not obligated to complete a Letter of Intent, I plan to invest in one or more Putnam funds over a 13-month period an aggregate amount equal to at least the amount of the box checked below. I am aware that if I do not invest at least this amount over a 13-month period any purchases made pursuant to this Letter of Intent will be adjusted to the sales charge that otherwise would apply.	
	□ \$50,000 □ \$100,000 □ \$250,000	
	□ \$500,000 □ \$1,000,000	
received a copy of the Putnam 403(b)(7) Custodial Account Agreement at hereby specifically acknowledge that: (I) I have received a current prospect beneficiary designation(s) in Section 5; (III) I agree that an annual mainter Putnam's annual maintenance fee policy is subject to change; (IV) I am so behalf each year and any required RMD; and (V) I agree to indemnify Putn for any act done or omitted to be done in good faith reliance on informat tatives of either me or my Beneficiary. I also certify that the Social Security. I do not authorize the mailing of only one shareholder report, one profund at my address. Send a separate copy for every account.	in Section 403(b)(1)(A) of the Internal Revenue Code. I acknowledge that I have and I hereby agree to its terms, which are incorporated herein by reference. I also tus(es) of the Putnam fund(s) selected; (II) I agree to the conditions governing the enance fee of \$35.00 will be deducted from the account(s). I also acknowledge that olely responsible for computing the maximum contribution that may be made on my nam Fiduciary Trust Company, LLC, the Custodian, and Putnam Retail Management tion provided by, or at the direction of, me or my Beneficiary or the legal represensy number provided in Section 1 is true, correct, and complete. Despectus, or one set of proxy materials if there are multiple accounts in a Putnam prized to send only one shareholder report, one prospectus, or one set of proxy	
Important notice regarding Putnam's privacy policy: By signing this appliprinting via Putnam's website at https://www.putnam.com/policies/	cation, I acknowledge that Putnam's privacy policy is available for viewing and	
purchased, is 5% of the amount checked. If I invest less than the LOI amou	inimum initial investment, which will be held in escrow until the full LOI amount is int, shares may be redeemed from my account to cover the higher sales charge. If I refunds Putnam its portion of the adjustment. I will not receive LOI credit for shares	
verify my identity. The information I provide may be shared with third part and all information maintained with respect to my account may be shared applicable law and as set forth in the Putnam 403(b)(7) Custodial Account if any required information is not provided. If Putnam is unable to verify m account will be distributed to me at the then-current NAV. With respect to federal income taxes and may be required to withhold state income taxes. taxable part of any such distribution, and I acknowledge that I can incur put further understand that under federal tax law I will have 60 days from day	ny name, residential address, Social Security number, and date of birth in order to ties for the purpose of verification subject to the terms of Putnam's privacy policy I with the administrator of the plan of which this account is a part, as required by t Agreement. The funds are unable to accept this new 403(b)(7) Custodial Account by identity, this 403(b)(7) Custodial Account will be closed and the assets in the plan and an account and interest in the plan and the properties of the propertie	
Signature of Employee	Date (mm/dd/yyyy)	
Print name of signature above		