



**FRANKLIN
TEMPLETON**

Franklin Templeton and Broker-Dealer Employee Purchase Form

For new accounts: Please return this form with a completed Franklin Templeton application.

For existing accounts: Please return this form by one of the methods listed on page 2.

If completing by hand, please print clearly in CAPITAL LETTERS using blue or black ink.

If applicable, provide any Franklin Templeton CASE NUMBER(S) related to your request: _____

1 FOR BROKER-DEALER EMPLOYEES AND FAMILY MEMBERS

This application for the purchase of shares complies with the terms of our selling agreement with Franklin Distributors, LLC and with the current prospectus(es) for the fund(s) identified in the Section titled "Fund Designation" of a completed Franklin Templeton application. We authorize the named applicant to purchase shares of the fund(s) distributed by Franklin Distributors, LLC at net asset value and certify that the applicant is our employee or registered person or is the spouse or immediate family member of such person and qualifies for such purchase in accordance with the terms of the fund's prospectus.

Purchases for current employees of broker-dealers and their affiliates and their family members (as allowed by the internal policies of their employer), will be made into Advisor Class or Class Z Shares, if offered. Otherwise, investments will be made in Class A shares, at net asset value.

NOTE: A change in broker-dealer on an account with an established broker-dealer NAV purchase privilege will result in the immediate termination of those privileges. It is the responsibility of the new broker-dealer and the financial professional to establish and retain this privilege.

Securities dealer name

Broker-dealer employee first name _____ M.I. _____ Last name _____ Suffix _____ Phone number _____
()

Applicant first name (if family member of employee) _____ M.I. _____ Last name _____ Suffix _____ Phone number _____
()

Please list all accounts that are eligible for future purchases at net asset value

_____ Date _____

Authorized signature (Registered Principal for the Securities Dealer) (required)

Printed name _____ Title _____ Phone number _____
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2 FOR FRANKLIN TEMPLETON EMPLOYEES AND FAMILY MEMBERS¹

Purchases for Franklin Templeton current and former employees, board members and immediate family members of the investment manager and its affiliates will be made into Advisor Class, Class Z or Class I shares, if offered. Otherwise, investments will be made in Class A shares, at net asset value.

FRANKLIN TEMPLETON OFFICER, TRUSTEE, DIRECTOR OR EMPLOYEE

First name _____ M.I. _____ Last name _____ Suffix _____ Phone number or extension _____
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Date of hire (mm/dd/yyyy) _____ Department/Board name _____ Relationship of officer/employee to applicant _____

Applicant first name (if family member of employee) _____ M.I. _____ Last name _____ Suffix _____ Phone number _____
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Franklin Templeton affiliate name (if applicable) _____

FRANKLIN TEMPLETON USE ONLY

Accepted: Franklin Distributors, LLC

Principal _____ Date _____

1. Immediate family members consist of eligible person's spouse (including the surviving spouse of a deceased board member), parents, grandparents, and children and grandchildren (including step-relationships).

MAKE A PHOTOCOPY OF THE COMPLETED FORM FOR YOUR RECORDS

EMAIL	FAX	MAIL
<ul style="list-style-type: none"> • Emails MUST include an attachment (PDF preferred) of your request. • Sender’s email address MUST match the email address on file, or the email MUST include a related case number(s) to be accepted. • Digital communication channels are not necessarily secure. If you do choose to send confidential or sensitive information to us via digital communication channels (e.g., email, chat, text messaging, fax), you are accepting the associated risks related to potential lack of security, such as the possibility that your confidential or sensitive information may be intercepted/accessed by a third party and subsequently used or sold. • If you have not been registered on franklintempleton.com for at least 15 calendar days, call (800) 632-2301 to request a case number to reference in your email. <p>Financial Professionals: ftrequests.us.franklintempleton@fisglobal.com Shareholders: shrequests.us.franklintempleton@fisglobal.com</p>	<p>(855) 891-8377</p>	<p>You may use any of the below mailing addresses:</p> <p>Regular Mail</p> <ul style="list-style-type: none"> • Franklin Templeton P.O. Box 33030 St. Petersburg, FL 33733-8030 <p>Overnight</p> <ul style="list-style-type: none"> • Franklin Templeton 100 Fountain Parkway N. St. Petersburg, FL 33716-1205