

PASSAGEWAY DUE DILIGENCE LIST

Fidelity Institutional Wealth Adviser, LLC does not conduct due diligence on the following list of mutual funds and exchange traded funds and exchange traded notes in the Advisor Directed Program and the Portfolio Managers in the Separately Managed Account Program that are available in the Passageway Managed Account Program. Fifth Third Securities conducts the due diligence on these mutual funds, exchange traded funds/notes, and Portfolio Managers.

The below information is subject to change at any time and without prior notice to clients.

Mutual Funds & Exchange Traded Funds/Notes

Name of Fund	Ticker
AAM/Phocas Real Estate I	APRIX
abrdn China A Share Equity Inst	GOPIX
abrdn Emerging Markets Instl	ABEMX
abrdn Global Equity Impact Instl	JETIX
abrdn Global Infrastructure Instl	AIFRX
abrdn Intermediate Municipal Income Instl	ABEIX
abrdn Realty Income & Growth Instl	AIGYX
Alger Mid Cap Growth Z	AMCZX
Alger Weatherbie Specialized Growth Z	ASMZX
Allspring Disciplined Small Cap Inst	WSCOX
Allspring Emerging Growth Inst	WEMIX
Allspring Precious Metals Inst	EKWYX
American Beacon FEAC FIRtIn Y	SPFYX
American Beacon Shapiro Equity Opps Y	SHXYX
American Century Core Plus I	ACCTX
American Century Emerging Markets Debt I	AEHDX
American Century Emerging Markets Small Cap I	AEC SX
American Century International Gr I	TGRIX
American Century Sustainable Equity ETF	ESGA
American Century US Quality Growth ETF	QGRO
American Century® U.S. Quality Value ETF	VALQ
American Funds Developing World Growth & Income F3	FDWGX
American Funds Emerging Markets Bond F3	EBNGX
American Funds Fundamental Invs F3	FUNFX
American Funds Intermediate Bond Fund of Amer F3	IFBFX

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Securities, Investments, Investment Advisory Services:

Are Not FDIC Insured	Offer No Bank Guarantee	May Lose Value
Are Not Insured By Any Federal Government Agency		Are Not A Deposit



American Funds Multi-Sector Income F-3	MIAZX
American Funds Preservation Portfolio F3	PPFFX
American Funds Short-term Bond Fund of Amer F3	FSBTX
AMG GW&K Core Bond ESG I	MBDFX
AMG GW&K Enhanced Core Bond ESG I	MFDSX
Astor Sector Allocation I	STARX
Baywood Socially Responsible Instl	BVSIX
Baywood ValuePlus Institutional	BVPIX
BlackRock Advantage SMID Cap K	MKSPX
BlackRock Dynamic High Income K	BDHKX
BNY Mellon High Yield - I	DLHRX
BNY Mellon High Yield Municipal Bond - I	DYBIX
BNY Mellon Natural Resources I	DLDRX
BNY Mellon Research Growth I	DWOIX
BNY Mellon Small Cap Growth I	SSETX
BrandywineGLOBAL Global Unconst Bond IS	LROX
Buffalo Discovery Institutional	BUITX
Buffalo Dividend Focus Institutional	BUIDX
Calamos High Income Opportunities I	CIHYX
Calvert Ultra-Short Duration Income I	CULIX
Catalyst/Lyons Tactical Allocation I	CLTIX
Columbia Emerging Markets Bond Inst3	CEBYX
Columbia Multi-Sector Municipal Inc ETF	MUST
CRM Mid Cap Value Instl	CRIMX
Cullen Small Cap Value I	CUSIX
Dana Epiphany ESG Small Cap Eq Instl	DSCIX
Delaware Emerging Markets Debt Corp Ins	DEDIX
Delaware Ivy Asset Strategy Fund Cl R6	IASTX
Delaware Ivy Science and Technology R6	ISTNX
Delaware Value® R6	DDZRX
DF Dent Midcap Growth Institutional	DFMGX
DFA Global Social Core Equity Instl	DGBEX
DFA Selectively Hedged Global Eq I	DSHGX
DFA Two-Year Global Fixed-Income I	DFGFX
Diamond Hill Small Cap I	DHSIX
Domini Impact Equity Institutional	DIEQX
DoubleLine Emerging Markets Fixed Income I	DBLEX
DoubleLine Emerging Markets Lcl Ccy Bond I	DBELX
DoubleLine Low Dur Emerg Markets Fixed Inc I	DBLLX
DoubleLine Shiller Enhanced Intl CAPE® I	DSEUX
DWS Enhanced Commodity Strategy Inst	SKIRX
DWS ESG International Core Equity Instl	DURIX
Eaton Vance Emerging Markets Debt Opps I	EIDOX
Eaton Vance Global Macr Absolute Return I	EIGMX



Eaton Vance Global Macro Abs Ret Advtg I	EGRIX
Eaton Vance Global Small-Cap Equity I	ESVIX
Eaton Vance Global Sovereign Opps I	EIIMX
Edgewood Growth Instl	EGFIX
EuroPac International Bond I	EPBIX
Federated Hermes Govt Ultrashort R6	FGULX
Federated Hermes Inflation Protected Sec IS	RRFIX
Federated Hermes International Equity R6	PEIRX
Federated Hermes Strategic Value Div R6	SVALX
Fidelity Advisor Global Real Estate Z	FIKKX
Fidelity Advisor Mortgage Securities Z	FIKUX
Fidelity Advisor New Markets Income Z	FGBMX
Fidelity Advisor Small Cap Value Z	FIKNX
Fidelity Enhanced International ETF	FENI
Fidelity Enhanced Large Cap Core ETF	FELC
Fidelity Enhanced Large Cap Value ETF	FELV
Fidelity Enhanced Mid Cap ETF	FMDE
Fidelity Enhanced Small Cap ETF	FESM
Fidelity Mortgage Securities	FMSFX
Fidelity New Markets Income	FNMIX
Fidelity Real Estate Index	FSRNX
Fidelity Small Cap Value Fund	FCPVX
First Eagle High Yield Municipal I	FEHIX
First Trust Capital Strength ETF	FTCS
First Trust Dorsey Wright Focus 5 ETF	FV
First Trust Nasdaq Food & Beverage ETF	FTXG
First Trust TCWOportunistic Fixed Income ETF	FIXD
First Trust Utilities AlphaDEX® ETF	FXU
First Trust Water ETF	FIW
FlexShares HY Val-Scrd Bond	HYGV
FPA Queens Road Value	QRVLX
Franklin Global Equity IS	SMYSX
Franklin International Growth R6	FILRX
Frost Municipal Bond Inst	FIMUX
Global X Robotics & Artificial Intelligence ETF	BOTZ
Goldman Sachs Access Treasury 0-1 Yr ETF	GBIL
Goldman Sachs Emerging Markets Credit Inst	GIMDX
Goldman Sachs Equity Income Instl	GSIX
Goldman Sachs Focused Value Instl	GFVSX
Goldman Sachs Global Real Estate Secs Instl	GARSX
Goldman Sachs Income Instl	GSNCX
Goldman Sachs Large Cap Value Instl	GSLIX
Goldman Sachs Small Cap Growth Instl	GSAJX
Goldman Sachs U.S. Equity ESG Ins	GINGX



Guggenheim Large Cap Value Institutional	GILCX
Guggenheim Long Short Equity Instl	RYQTX
Guggenheim Small Cap Value Inst	SSUIX
Guggenheim World Equity Income I	SEWIX
GuideStone Funds Value Equity Investor	GVEZX
Harbor Large Cap Value Retirement	HNLVX
Harbor Long-Term Growers ETF	WINN
Hartford Emerging Markets Local Debt F	HLDFX
Hartford Growth Opportunities F	HGOFX
Invesco AI and Next Gen Software ETF	IGPT
Invesco Building & Construction ETF	PKB
Invesco DW Consumer Staples Momt ETF	PSL
Invesco Emerging Markets Local Debt R6	OEMIX
Invesco Energy R6	IENSX
Invesco Equal Weight 0-30 Years Trs ETF	GOVI
Invesco Fundamental Hi Yield® Corp Bond ETF	PHB
Invesco Main Street Mid Cap R6	OPMIX
Invesco Main Street R6	OMSIX
Invesco Preferred ETF	PGX
Invesco Rising Dividends R6	OIRDX
Invesco S&P MidCap 400® GARP ETF	GRPM
Invesco Senior Loan ETF	BKLN
Invesco Solar ETF	TAN
Invesco SteelPath MLP Select 40 R6	OSPSX
IQ Candriam International Equity ETF	IQSI
IQ Candriam U.S. Large Cap Equity ETF	IQSU
iShares 1-3 Year Treasury Bond ETF	SHY
iShares 1-5 Year invesment Grade Corp Bond ETF	IGSB
iShares Europe ETF	IEV
iShares Expanded Tech-Software Sect ETF	IGV
iShares Gold Trust	IAU
iShares iBoxx \$ High Yield Corp Bd ETF	HYG
iShares JP Morgan EM Local Ccy Bond ETF	LEMB
iShares JP Morgan USD Em Markets Bond ETF	EMB
iShares Morningstar Mid-Cap Growth ETF	IMCG
iShares MSCI Australia ETF	EWA
iShares MSCI Emerging Markets ETF	EEM
iShares MSCI Global Metals&Mining Producers ETF	PICK
iShares Short Treasury Bond ETF	SHV
iShares Silver Trust	SLV
iShares TIPS Bond ETF	TIP
iShares US Treasury Bond ETF	GOVT
Jackson Square SMID-Cap Growth IS	DCGTX
Janus Henderson Short Duration Flex Bond N	JSHNX



John Hancock Emerging Markets Debt I	JMKIX
John Hancock ESG International Equity I	JTQIX
John Hancock Fundamental Large Cap Core I	JLVIX
John Hancock High Yield Municipal Bond I	JHYMX
John Hancock Income I	JSTIX
John Hancock Seaport Long/Short I	JSFDX
John Hancock US Global Leaders Growth I	USLIX
JPMorgan California Tax Free Bond I	JPICX
JPMorgan International Hedged Equity I	JIHIX
JPMorgan USD Emerging Markets Svr Bond ETF	JPMB
Lazard Global Strategic Equity Instl	LSTIX
Lazard International Equity Advtg Instl	IEAIX
Lazard International Small Cap Eq Instl	LZISX
Lazard Real Assets Instl	RALIX
Lazard US Equity Focus Instl	LZUSX
LKCM Small-Mid Cap Equity Institutional	LKSMX
Lord Abbett Corporate Bond I	LICIX
Lord Abbett Dividend Growth I	LAMYX
Lord Abbett Emerging Markets Corp Debt I	LCDIX
Lord Abbett Fundamental Equity I	LAVYX
Lord Abbett High Yield I	LAHYX
Lord Abbett Multi-Asset Balanced Opp I	LABYX
MainStay PineStone Global Equity I	FCGIX
Mairs & Power Growth	MPGFX
MassMutual Emerging Markets Debt Blinded TR Y	BXEYX
Matthews China Dividend Instl	MICDX
Matthews Emerging Markets Equity Ins	MIEFX
Metropolitan West Corporate Bond I	MWCBX
Metropolitan West Investment Gr Credit I	MWIGX
MFS Blended Research Emerging Markets Eq R6	BRKVX
MFS Emerging Markets Debt Local Ccy R6	EMLNX
MFS Emerging Markets Debt R6	MEDHX
MFS Global Equity R6	MWEMX
MFS Technology R6	MTCLX
Morgan Stanley Inst Global Real Est I	MRLAX
Navigator Equity Hedged I	NAVIX
Neuberger Berman Intl Small Cap I	NIOIX
Neuberger Berman Multi-Cap Opp I	NMULX
Northern CA Intermediate Tax-Exempt	NCITX
Northern International Equity	NOIGX
Northern Small Cap Value	NOSGX
Northern US Government	NOUGX
Nuance Mid Cap Value Institutional	NMV LX
Nuveen ESG High Yield Corporate Bond ETF	NUHY



Nuveen International Dividend Growth I	NUIIX
Nuveen Large Cap Value I	NQCRX
Nuveen Municipal Total Return Mgd Accts	NMTRX
Oberweis International Opps Instl	OBIIX
Pacer US Small Cap Cash Cows 100 ETF	CALF
Parametric Tax-Managed Intl Eq I	EITIX
Parnassus Mid Cap Institutional	PFPMX
PGIM Corporate Bond R6	PCWQX
PGIM Emerging Markets Debt Local Ccy R6	EMDQX
PIMCO 25+ Year Zero Coupon US Trs ETF	ZROZ
PIMCO Em Markets Ccy and S/T Investment Instl	PLMIX
PIMCO Emerging Markets Bond Instl	PEBIX
PIMCO Emerging Markets Corp Bond Instl	PEMIX
PIMCO RAE PLUS EMG Instl	PEFIX
PIMCO Short-Term Instl	PTSHX
PIMCO StocksPLUS® Small Institutional	PSCSX
PIMCO Total Return Instl	PTTRX
Pioneer High Income Municipal Y	HIMYX
Pioneer Select Mid Cap Growth Y	GROYX
Principal Government & High Quality Bond Inst	PMRIX
Principal Inflation Protection Inst	PIPIX
Putnam Intermediate-Term Muni Income Y	PIMYX
RBC BlueBay Emerging Market Debt I	RBESX
Schwab Fdmtl Intl Lg Co Idx	SFNNX
Schwab Fdmtl Intl Sm Co Idx	SFILX
Schwab International Opportunities	SWMIX
Schwab Opportunistic Municipal Bond	SWHYX
Schwab Select Large Cap Growth	LGILX
Segall Bryant & Hamill Short Term Pls Ins	SBAPX
SEI Ultra Short Duration Bond Y	SECYX
Sit Balanced	SIBAX
Sit US Government Securities Y	SNGYX
SPDR® Blmbg Em Markets Local Bond ETF	EBND
SPDR® Gold Shares	GLD
SPDR® MSCI ACWI Climate Paris AlignedETF	NZAC
SPDR® Nuveen Bloomberg Muni Bond ETF	TFI
SPDR® S&P Health Care Equipment ETF	XHE
Sterling Capital Behav Large Cap Val Eq Intl	BBISX
Sterling Capital Interm US Govt I	BBGVX
Sterling Capital Ultra Short Bond Instl	BUSIX
T. Rowe Price China Evolution Equity I	TRCLX
T. Rowe Price Dividend Growth ETF	TDVG
T. Rowe Price Emerg Markets Local Ccy Bond I	TEIMX
T. Rowe Price Emerging Markets Bond I	PRXIX



T. Rowe Price Emerging Markets Corp Bond I	TECIX
T. Rowe Price Spectrum International EqI	TSINX
TCW Emerging Markets Local Ccy Inc I	TGWIX
TCW Enhanced Commodity Strategy I	TGGWX
TCW Global Real Estate I	TGREX
Thrivent High Income Muncipal Bond S	THMBX
Thrivent High Yield S	LBHIX
Thrivent Mid Cap Value S	TMCVX
Thrivent Small Cap Growth S	TSCGX
Transamerica Emerging Markets Debt I	EMTIX
Transamerica Floating Rate I	TFLIX
VanEck Intermediate Muni ETF	ITM
VanEck JPMorgan EMLcl Ccy Bond ETF	EMLC
Vanguard Diversified Equity Inv	VDEQX
Vanguard Emerging Markets Bond Admiral	VEGBX
Vanguard Emerging Mkts Govt Bond ETF	VWOB
Vanguard Energy ETF	VDE
Vanguard Equity-Income Adm	VEIRX
Vanguard ESG US Stock ETF	ESGV
Vanguard Financials ETF	VFH
Vanguard High-Yield Corporate Adm	VWEAX
Vanguard Long-Term Treasury Admiral	VUSUX
Vanguard Materials ETF	VAW
Vanguard S&P Mid-Cap 400 ETF	IVOO
Vanguard S&P Mid-Cap 400 Value ETF	IVOV
Vanguard S&P Small-Cap 600 ETF	VIOO
Vanguard S&P Small-Cap 600 Growth ETF	VIOG
Vanguard S&P Small-Cap 600 Value ETF	VIOV
Vanguard Strategic Equity Inv	VSEQX
Vanguard Tax-Exempt Bond ETF	VTEB
Vanguard Tax-Exempt Bond Index Admiral	VTEAX
Vanguard Tax-Managed Capital App Adm	VTCLX
Vanguard Ultra Short-Term Tax-Exempt Adm	VWSUX
Vaughan Nelson Emerging Markets Opps Instl	ADVMX
VictoryShares US EQ Inc Enh Vol Wtd ETF	CDC
Virtus Duff & Phelps Real Asset I	VADIX
Virtus Duff & Phelps Sel MLP & Energy I	VLPIX
Virtus Newfleet High Yield I	PHCIX
Virtus NFJ Emerging Markets Value Ins	AZMIX
Virtus Seix High Grade Municipal Bond I	SCFTX
Virtus Seix Ultra-Short Bond I	SISSX
Virtus Zevenbergen Innovative Gr Stock I	SCATX
Western Asset Core Plus Bond IS	WAPSX
Western Asset Interm Maturity CA Muni I	SICYX



Western Asset Mortgage Total Ret I	SGSYX
William Blair Emerging Markets Ldrs I	WBELX
Wilshire Small Company Value Instl	WSMVX

SEPERATELY MANAGED ACCOUNTS (SMA)

Portfolio Manager's Program Name	Asset Class
AB Concentrated International Growth SMA	Foreign Large Cap Growth
Harding Loevner Global ADR Managed Account	Global Equity
GW&K Total Return Bond Strategy	Intermediate Bond
Pacific Income Advisers Market Duration MACS	Intermediate Bond
Nuveen Intermediate High-Quality Municipal Bond	Intermediate Muni
Nuveen Intermediate Municipal Fixed Income	Intermediate Muni
ClearBridge Appreciation Portfolios	Large-Cap Core
Dana Catholic ESG Equity	Large-Cap Core
Dana Large Cap Equity	Large-Cap Core
Dana Social ESG Equity	Large-Cap Core
Federated Strategic Value Dividend Managed Account	Large-Cap Value
Zacks Dividend Strategy	Large-Cap Value
ClearBridge Mid Cap Portfolios	Mid-Cap Core
TJIM Intermediate Fixed Income	Short Bond
Nuveen Limited Maturity Municipal Fixed Income	Short Muni
PIMCO Municipal Bond Ladder 1-6 Year Managed Account	Short Muni