

# WCHCD 457B PLAN

## Screens Summary (Data as of 12-31-2022)

🚫 Fund Removed from Approved List    ⚠️ Fund on Watch List

Name	Ticker	Asset Class	Trailing Performance and Risk				Management			Style		Expense		ESG Metrics				
			1 Yr	3 Yr	5 Yr	10 Yr	Pass/ Fail	Std Dev 3 Yr %	Beta 3 Yr %	Tenure	Pass/ Fail	Style Box	Pass/ Fail	Exp Ratio	Sustain. Rating	Commit. Level	Carbon Risk	
US Stock																		
Vanguard 500 Index Admiral	VFIAX	Large Blend Index	-18.15	7.62	9.39	12.52	✔️	21.17	1.00	6.68	✔️	🇺🇸	✔️	0.04	✔️	3	1-Low	Low Risk
percentile rank			52	33	25	13												
# of funds in category			1,379	1,247	1,137	837												
															11-30-2022	02-15-2022	09-30-2022	
Vanguard Growth Index Admiral	VIGAX	Large Growth	-33.14	6.05	9.61	12.80	✔️	24.60	1.03	28.02	✔️	🇺🇸	✔️	0.05	✔️	4	1-Low	Low Risk
percentile rank			71	43	34	29												
# of funds in category			1,237	1,133	1,056	807												
															11-30-2022	02-15-2022	09-30-2022	
Vanguard Value Index Adm	VVIAX	Large Value	-2.08	8.21	8.56	11.91	✔️	20.48	0.94	28.02	✔️	🇺🇸	✔️	0.05	✔️	2	1-Low	Medium Risk
percentile rank			21	29	20	9												
# of funds in category			1,233	1,161	1,105	825												
															11-30-2022	02-15-2022	09-30-2022	
Vanguard Mid Cap Index Admiral	VIMAX	Mid-Cap Blend	-18.71	6.17	7.32	11.10	✔️	23.61	0.98	24.63	✔️	🇺🇸	✔️	0.05	✔️	4	1-Low	Medium Risk
percentile rank			86	56	30	17												
# of funds in category			413	378	350	227												
															11-30-2022	02-15-2022	09-30-2022	
Vanguard Small Cap Growth Index Admiral	VSGAX	Small Growth	-28.39	0.79	5.10	9.27	✔️	25.67	0.95	18.01	✔️	🇺🇸	✖️	0.07	✔️	4	1-Low	Medium Risk
percentile rank			55	80	71	72												
# of funds in category			604	576	534	405												
															11-30-2022	02-15-2022	09-30-2022	
Vanguard Small Cap Value Index Admiral	VSIAX	Small Value	-9.31	7.13	5.79	10.28	✔️	26.84	0.96	6.68	✔️	🇺🇸	✔️	0.07	✔️	4	1-Low	Medium Risk
percentile rank			37	41	28	13												
# of funds in category			483	455	428	324												
															11-30-2022	02-15-2022	09-30-2022	
Non-US Stock																		
JPMorgan Emerging Markets Equity R6	JEMWX	Diversified Emerging Mkts	-25.61	-3.37	0.08	-	✔️	23.06	1.08	17.34	✔️	🇺🇸	✔️	0.79	✔️	5	2-Basic	Low Risk
percentile rank			80	62	23	-												
# of funds in category			820	736	652	397												
															11-30-2022	02-15-2022	09-30-2022	
American Funds Intl Gr and Inc R6	RIGGX	Foreign Large Blend	-15.16	0.36	2.06	4.28	✔️	21.51	1.08	14.26	✔️	🇺🇸	✔️	0.54	✔️	2	1-Low	Low Risk
percentile rank			44	56	22	48												
# of funds in category			763	723	630	440												
															11-30-2022	02-15-2022	09-30-2022	
Vanguard Developed Markets Index Admiral	VTMGX	Foreign Large Blend Index	-15.32	1.33	1.67	4.92	✔️	21.45	1.08	9.86	✔️	🇺🇸	✔️	0.07	✔️	2	1-Low	Low Risk
percentile rank			47	28	35	20												
# of funds in category			763	723	630	440												
															11-30-2022	02-15-2022	09-30-2022	
Alternative																		
Vanguard Real Estate Index Admiral	VGSLX	Real Estate	-26.20	-0.41	3.68	6.42	✔️	22.84	0.96	26.65	✔️	—	✔️	0.12	✔️	3	1-Low	Low Risk
percentile rank			61	57	50	34												
# of funds in category			257	238	214	155												
															11-30-2022	02-15-2022	09-30-2022	
Fixed Income																		
BlackRock Inflation Protected Bond K	BPLBX	Inflation-Protected Bond	-11.47	1.56	2.18	1.05	✔️	7.27	1.03	5.88	✔️	—	—	0.30	✔️	3	—	—
percentile rank			47	36	31	34												
# of funds in category			217	204	195	138												
															09-30-2022	—	—	

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Fund Removed from Approved List

Fund on Watch List

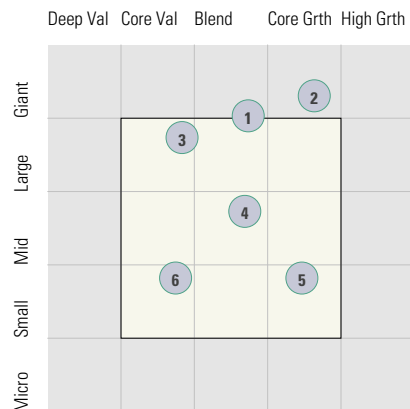
Name	Ticker	Asset Class	Trailing Performance and Risk						Management			Style		Expense		ESG Metrics		
			1 Yr	3 Yr	5 Yr	10 Yr	Pass/ Fail	Std Dev 3 Yr %	Beta 3 Yr %	Tenure Yr %	Pass/ Fail	Style Box	Pass/ Fail	Exp Ratio	Pass/ Fail	Sustain. Rating	Commit. Level	Carbon Risk
															Updated	Updated	Updated	
Vanguard Interm-Term Bond Index Adm	VBILX	Intermediate-Term Bond	-13.27	-2.40	0.45	1.34		6.51	1.09	14.69			—	0.07		3	1-Low	—
<i>percentile rank</i>			46	25	11	15												
<i># of funds in category</i>			471	423	389	289									11-30-2022	02-15-2022	—	
PIMCO Income Instl	PIMIX	Multisector Bond	-7.81	0.03	1.69	4.00		7.35	0.92	15.77		—	—	0.51		—	—	—
<i>percentile rank</i>			23	25	20	1												
<i># of funds in category</i>			344	295	258	152												
Federated Hermes Govt Ultrashort IS	FGUSX	Ultrashort Bond	0.43	0.61	1.17	0.77		0.60	0.06	25.49		—	—	0.26		—	—	—
<i>percentile rank</i>			39	47	63	67												
<i># of funds in category</i>			237	218	180	107												
<b>Balanced</b>																		
BlackRock Global Allocation K	MKLOX	Global Allocation	-15.81	2.93	3.52	—		14.32	0.99	6.00				0.76		3	—	Low Risk
<i>percentile rank</i>			63	28	21	—												
<i># of funds in category</i>			430	408	375	269									11-30-2022	—	09-30-2022	

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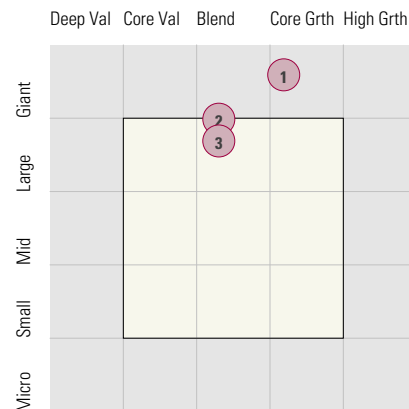
## Style Analysis (Data as of 12-31-2022)

### Style Analysis

Morningstar Style Box US Stock



Morningstar Style Box Non-US Stock



**US Stock Funds**

	Category	Super Sectors %			Asset Allocation %			Avg Mkt Cap M\$	
		Cyclical	Defensive	Sensitive	Cash	US Stock	Foreign		
1	Vanguard 500 Index Admiral	Large Blend Index	28.67	26.71	44.61	0.33	98.54	1.12	161.35
2	Vanguard Growth Index Admiral	Large Growth	29.10	12.51	58.39	0.34	98.42	1.24	238.49
3	Vanguard Value Index Adm	Large Value	27.79	39.22	32.98	0.16	99.03	0.81	105.35
4	Vanguard Mid Cap Index Admiral	Mid-Cap Blend	36.29	23.70	40.00	1.15	97.41	1.44	22.38
5	Vanguard Small Cap Growth Index Admiral	Small Growth	24.85	25.72	49.44	1.98	97.36	0.66	4.85
6	Vanguard Small Cap Value Index Admiral	Small Value	50.02	15.31	34.67	0.65	98.65	0.70	4.90

**Non-US Stock Funds**

	Category	Super Sectors %			Regional Exposure %			Market Maturity %			
		Cyclical	Defensive	Sensitive	Americas	Greater Asia	Greater Europe	Developed	EM%	Avg Mkt Cap M\$	
1	JPMorgan Emerging Markets Equity R6	Diversified Emerging Mkts	44.68	16.51	38.80	14.32	80.06	5.62	37.20	62.80	55.65
2	American Funds Intl Gr and Inc R6	Foreign Large Blend	36.70	27.75	35.55	15.73	28.28	55.98	84.41	15.59	39.09
3	Vanguard Developed Markets Index Admiral	Foreign Large Blend Index	41.13	22.49	36.38	11.13	36.20	52.68	99.44	0.56	27.54

**Fixed Income Funds**

	Category	Super Sectors %				Other Stats		Credit Quality %		
		US Govt Debt	Mtg	US Credit	Non US	Avg Eff Duration	Inv Grade	Below Inv Grade	NR/NA	
1	BlackRock Inflation Protected Bond K	Inflation-Protected Bond	81.46	0.00	1.87	0.00	6.74	97.38	0.58	2.04
2	Vanguard Inter-Term Bond Index Adm	Intermediate-Term Bond	62.31	0.00	36.78	0.00	6.33	100.03	0.00	-0.03
3	PIMCO Income Instl	Multisector Bond	27.36	2.53	12.71	0.00	3.22	71.23	28.78	0.00
4	Federated Hermes Govt Ultrashort IS	Ultrashort Bond	6.41	29.59	0.00	0.00	0.36	100.00	0.00	0.00