

# TEKLA RESEARCH INC 401K PLAN

## Screens Summary (Data as of 12-31-2020)

⊖ Fund Removed from Approved List    ⚠ Fund on Watch List

Name	Ticker	Asset Class	Trailing Performance and Risk				Management			Style		Expense				
			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	Pass/ Fail	
<b>US Stock</b>																
Vanguard 500 Index Admiral	VFIAX	Large Blend Index	18.37	14.14	15.18	13.85	✓	18.80	1.00	4.68	✓	■	✓	0.04	✓	
<i>percentile rank</i>			38	24	20	12										
<i># of funds in category</i>			1,369	1,237	1,078	817										
Vanguard Growth Index Admiral	VIGAX	Large Growth	40.19	22.97	20.32	16.67	✓	20.09	1.01	26.02	✓	■	✓	0.05	✓	
<i>percentile rank</i>			28	30	24	25										
<i># of funds in category</i>			1,291	1,204	1,081	796										
Vanguard Value Index Adm	VVIAX	Large Value	2.29	6.77	10.75	11.22	✓	18.92	0.95	26.02	✓	■	✓	0.05	✓	
<i>percentile rank</i>			53	35	25	16										
<i># of funds in category</i>			1,202	1,130	1,000	717										
Vanguard Mid Cap Index Admiral	VIMAX	Mid-Cap Blend	18.24	12.04	13.28	12.40	✓	21.69	0.98	22.63	✓	■	✓	0.05	✓	
<i>percentile rank</i>			17	15	19	11										
<i># of funds in category</i>			407	374	309	215										
Vanguard Small Cap Growth Index Admiral	VSGAX	Small Growth	35.28	19.21	17.99	—	✓	24.16	0.94	16.01	✓	■	✗	0.07	✓	
<i>percentile rank</i>			52	44	45	—										
<i># of funds in category</i>			616	576	505	383										
Vanguard Small Cap Value Index Admiral	VSIAX	Small Value	5.85	4.48	9.73	—	✓	25.82	0.97	4.68	✓	■	✗	0.07	✓	
<i>percentile rank</i>			32	20	20	—										
<i># of funds in category</i>			416	386	358	259										
<b>Non-US Stock</b>																
American Funds New World R6	RNWXG	Diversified Emerging Mkts	25.30	12.19	14.41	7.43	✓	18.50	0.88	21.56	✓	■	✓	0.59	✓	
<i>percentile rank</i>			21	7	20	1										
<i># of funds in category</i>			797	697	597	279										
American Funds Europacific Growth R6	REGGX	Foreign Large Blend	25.27	10.74	12.47	8.14	✓	19.13	1.02	19.60	✓	■	✓	0.46	✓	
<i>percentile rank</i>			33	43	38	36										
<i># of funds in category</i>			452	388	318	234										
Vanguard Developed Markets Index Admiral	VTMGX	Foreign Large Blend Index	10.26	4.81	8.31	5.92	✓	18.86	1.02	7.86	✓	■	✓	0.07	✓	
<i>percentile rank</i>			40	41	34	27										
<i># of funds in category</i>			780	674	584	383										
<b>Alternative</b>																
Vanguard Real Estate Index Admiral	VGSLX	Real Estate	-4.65	4.96	5.65	8.68	✓	18.90	0.94	24.65	✓	—	✓	0.12	✓	
<i>percentile rank</i>			44	41	38	31										
<i># of funds in category</i>			248	225	199	144										
<b>Fixed Income</b>																
Baird Core Plus Bond Inst	BCOIX	Core Plus Bond	8.80	6.03	5.49	4.83	✓	4.12	1.07	20.27	✓	—	—	0.30	✓	
<i>percentile rank</i>			35	24	24	18										
<i># of funds in category</i>			602	543	464	343										

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Name	Ticker	Asset Class	Trailing Performance and Risk				Management			Style		Expense			
			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	Pass/ Fail
American Century Inflation Adjs Bond R5 <i>percentile rank</i> <i># of funds in category</i>	AIANX	Inflation-Protected Bond	10.51 46 207	5.30 51 197	4.81 42 173	3.46 38 117	✔	4.18	1.05	19.10	✔	—	—	0.27	✔
Vanguard Interm-Term Bond Index Adm <i>percentile rank</i> <i># of funds in category</i>	VBILX	Intermediate-Term Bond	9.79 6 416	6.49 2 381	5.22 7 331	4.80 2 253	✔	4.03	1.16	12.69	✔	☒	—	0.07	✔
Federated Hermes Govt Ultrashort IS <i>percentile rank</i> <i># of funds in category</i>	FGUSX	Ultrashort Bond	1.48 50 212	1.83 65 172	1.39 81 134	0.84 78 67	✖	0.47	0.05	23.49	✔	—	—	0.26	✔

Target Date															
Vanguard Target Retirement 2015 Inv <i>percentile rank</i> <i># of funds in category</i>	VTXVX	Target Date	10.32 75 118	7.11 63 97	7.78 70 74	7.04 45 44	✔	7.44	0.84	7.86	✔	—	✔	0.13	✔
Vanguard Target Retirement 2020 Inv <i>percentile rank</i> <i># of funds in category</i>	VTWNX	Target Date	12.04 46 178	8.07 29 157	9.02 27 118	7.93 15 72	✔	9.85	1.00	7.86	✔	—	✔	0.13	✔
Vanguard Target Retirement 2025 Inv <i>percentile rank</i> <i># of funds in category</i>	VTTVX	Target Date	13.30 40 214	8.73 27 187	9.88 27 151	8.54 13 87	✔	11.60	1.04	7.86	✔	—	✔	0.13	✔
Vanguard Target Retirement 2030 Inv <i>percentile rank</i> <i># of funds in category</i>	VTHRX	Target Date	14.10 38 224	9.16 29 197	10.51 33 158	9.04 18 89	✔	12.98	1.00	7.86	✔	—	✔	0.14	✔
Vanguard Target Retirement 2035 Inv <i>percentile rank</i> <i># of funds in category</i>	VTTX	Target Date	14.79 43 207	9.50 37 184	11.11 34 148	9.51 17 84	✔	14.36	0.96	7.86	✔	—	✔	0.14	✔
Vanguard Target Retirement 2040 Inv <i>percentile rank</i> <i># of funds in category</i>	VFORX	Target Date	15.47 40 218	9.85 36 197	11.71 30 158	9.90 18 89	✔	15.74	0.95	7.86	✔	—	✔	0.14	✔
Vanguard Target Retirement 2045 Inv <i>percentile rank</i> <i># of funds in category</i>	VTIVX	Target Date	16.30 36 207	10.20 32 184	12.09 28 148	10.09 17 83	✔	16.98	0.97	7.86	✔	—	✔	0.15	✔
Vanguard Target Retirement 2050 Inv <i>percentile rank</i> <i># of funds in category</i>	VFIFX	Target Date	16.39 37 217	10.24 35 196	12.10 30 157	10.09 24 78	✔	16.99	0.96	7.86	✔	—	✔	0.15	✔
Vanguard Target Retirement 2055 Inv <i>percentile rank</i> <i># of funds in category</i>	VFFVX	Target Date	16.32 41 207	10.22 36 184	12.09 36 145	10.10 24 44	✔	16.98	0.95	7.86	✔	—	✔	0.15	✔
Vanguard Target Retirement 2060 Inv <i>percentile rank</i> <i># of funds in category</i>	VTTX	Target Date	16.32 42 257	10.22 40 181	12.08 46 93	— — —	✔	16.97	0.95	7.86	✔	—	✔	0.15	✔
Vanguard Target Retirement 2065 Inv <i>percentile rank</i> <i># of funds in category</i>	VLXVX	Target Date	16.17 47 257	10.15 43 181	— — 93	— — —	✔	16.99	0.95	3.47	✔	—	✔	0.15	✔

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🚫 Fund Removed from Approved List    ⚠️ Fund on Watch List

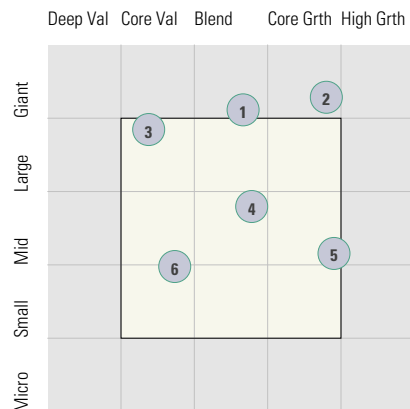
Name	Ticker	Asset Class	Trailing Performance and Risk				Management			Style		Expense			
			1 Yr	3 Yr	5 Yr	10 Yr	Pass/ Fail	Std Dev 3 Yr %	Beta 3 Yr %	Tenure	Pass/ Fail	Style Box	Pass/ Fail	Exp Ratio	Pass/ Fail
Vanguard Target Retirement Income Inv	VTINX	Target Date	10.02	6.86	6.86	5.88	✔️	6.22	0.84	7.86	✔️	—	✔️	0.12	✔️
<i>percentile rank</i>			<i>36</i>	<i>25</i>	<i>35</i>	<i>20</i>									
<i># of funds in category</i>			<i>168</i>	<i>148</i>	<i>126</i>	<i>84</i>									
<b>Balanced</b>															
Vanguard LifeStrategy Cnsv Gr Inv	VSCGX	Target Risk	11.51	7.78	8.03	6.65	✔️	7.92	1.01	26.27	✔️	—	✔️	0.12	✔️
<i>percentile rank</i>			<i>27</i>	<i>17</i>	<i>17</i>	<i>25</i>									
<i># of funds in category</i>			<i>549</i>	<i>524</i>	<i>462</i>	<i>280</i>									
Vanguard LifeStrategy Growth Inv	VASGX	Target Risk	15.45	9.79	11.32	9.38	✔️	15.14	1.03	26.27	✔️	—	✔️	0.14	✔️
<i>percentile rank</i>			<i>27</i>	<i>23</i>	<i>18</i>	<i>20</i>									
<i># of funds in category</i>			<i>325</i>	<i>308</i>	<i>279</i>	<i>188</i>									
Vanguard LifeStrategy Income Inv	VASIX	Target Risk	9.13	6.56	6.24	5.17	✔️	4.74	0.96	26.27	✔️	—	✔️	0.11	✔️
<i>percentile rank</i>			<i>27</i>	<i>14</i>	<i>30</i>	<i>34</i>									
<i># of funds in category</i>			<i>177</i>	<i>166</i>	<i>149</i>	<i>93</i>									
Vanguard LifeStrategy Moderate Gr Inv	VSMGX	Target Risk	13.59	8.84	9.71	8.11	✔️	11.49	0.99	26.27	✔️	—	✔️	0.13	✔️
<i>percentile rank</i>			<i>36</i>	<i>36</i>	<i>36</i>	<i>45</i>									
<i># of funds in category</i>			<i>673</i>	<i>636</i>	<i>576</i>	<i>414</i>									

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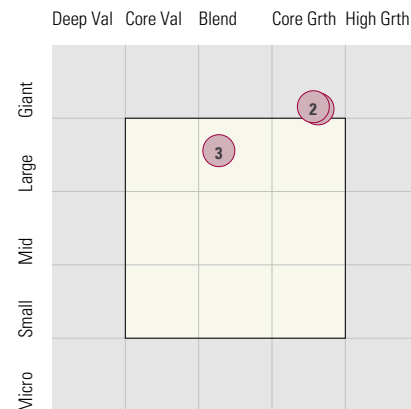
## Style Analysis (Data as of 12-31-2020)

### 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	28.52	27.38	44.10	0.70	98.04	1.26	71.43
2	Vanguard Growth Index Admiral	Large Growth	31.78	12.38	55.84	0.35	98.68	0.97	52.79
3	Vanguard Value Index Adm	Large Value	26.00	43.79	30.22	0.34	98.07	1.59	74.71
4	Vanguard Mid Cap Index Admiral	Mid-Cap Blend	36.74	25.14	38.10	0.03	97.31	2.65	10.75
5	Vanguard Small Cap Growth Index Admiral	Small Growth	27.21	25.30	47.51	1.87	97.57	0.56	2.95
6	Vanguard Small Cap Value Index Admiral	Small Value	52.21	15.83	31.94	1.59	97.41	1.00	2.79

**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	American Funds New World R6	Diversified Emerging Mkts	38.15	23.00	38.86	34.09	40.35	25.58	60.64	39.36	20.17
2	American Funds Europacific Growth R6	Foreign Large Blend	38.16	26.01	35.83	9.53	46.78	43.69	72.93	27.07	39.57
3	Vanguard Developed Markets Index Admiral	Foreign Large Blend Index	37.18	27.61	35.23	9.09	37.90	53.02	99.07	0.93	30.79

**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	Baird Core Plus Bond Inst	Core Plus Bond	16.73	22.96	51.40	0.00	5.56	96.50	3.20	0.30
2	American Century Inflation Adjs Bond R5	Inflation-Protected Bond	86.76	0.52	3.04	0.00	7.85	101.19	0.48	-1.67
3	Vanguard Inter-Term Bond Index Adm	Intermediate-Term Bond	60.57	0.00	39.02	0.00	6.28	100.00	0.00	0.00
4	Federated Hermes Govt Ultrashort IS	Ultrashort Bond	15.26	56.99	0.00	0.00	0.38	100.00	0.00	0.00

# TEKLA RESEARCH INC 401K PLAN

## Target Date Analysis (Data as of 12-31-2020)

### Target Date Allocation

● Stocks ● Cash ● Bonds ● Other



### Target Date Portfolio Data

#### Asset Allocation %

	Total Stock	US Stock	Non-US Stock	Total Bond	Infl Prot Bond	HY Bond	Cash	Other	Avg Mkt Cap \$M
Vanguard Target Retirement 2015 Inv	35.67	21.27	14.40	61.69	19.64	0.00	2.33	0.30	33.06
Vanguard Target Retirement 2020 Inv	49.63	29.54	20.09	48.14	13.71	0.00	1.97	0.27	33.09
Vanguard Target Retirement 2025 Inv	59.48	35.39	24.09	38.75	0.02	0.00	1.51	0.25	33.17
Vanguard Target Retirement 2030 Inv	66.87	39.79	27.08	31.41	0.00	0.00	1.51	0.22	33.19
Vanguard Target Retirement 2035 Inv	74.26	44.20	30.06	24.05	0.00	0.00	1.52	0.18	33.13
Vanguard Target Retirement 2040 Inv	81.62	48.77	32.85	16.68	0.00	0.00	1.55	0.14	33.06
Vanguard Target Retirement 2045 Inv	88.73	53.06	35.67	9.64	0.00	0.00	1.52	0.10	33.07
Vanguard Target Retirement 2050 Inv	88.47	52.85	35.62	9.81	0.00	0.00	1.61	0.10	33.08
Vanguard Target Retirement 2055 Inv	88.32	52.70	35.62	9.81	0.00	0.00	1.76	0.10	33.04
Vanguard Target Retirement 2060 Inv	88.23	52.39	35.84	9.81	0.00	0.00	1.85	0.10	33.03
Vanguard Target Retirement 2065 Inv	88.69	52.80	35.89	9.82	0.00	0.00	1.39	0.10	—
Vanguard Target Retirement Income Inv	29.88	17.59	12.29	67.31	21.76	0.00	2.48	0.31	33.08