

# SARPY COUNTY 401A PLAN

## Screens Summary (Data as of 12-31-2019)

⊖ 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>																
JPMorgan US Equity R6 <i>percentile rank</i> <i># of funds in category</i>	JUEMX	Large Blend	32.28 14 1,394	14.87 29 1,210	11.15 28 1,065	– – 815	✔	13.20	1.08	19.01	✔	☒	✖	0.44	✔	
Vanguard 500 Index Admiral <i>percentile rank</i> <i># of funds in category</i>	VFIAX	Large Blend Index	31.46 24 1,394	15.23 18 1,210	11.66 10 1,065	13.52 8 815	✔	12.10	1.00	3.68	✔	☒	✔	0.04	✔	
Fidelity® Contrafund® <i>percentile rank</i> <i># of funds in category</i>	FCNTX	Large Growth	29.98 70 1,363	18.92 43 1,230	13.10 39 1,098	13.96 40 822	✔	13.85	1.02	29.31	✔	☒	✔	0.81	✔	
American Funds Washington Mutual R6 <i>percentile rank</i> <i># of funds in category</i>	RWMGX	Large Value	25.93 82 1,394	13.90 49 1,210	10.96 35 1,065	13.09 28 815	✔	10.28	0.83	22.52	✔	☒	✔	0.29	✔	
MFS Mid Cap Growth R6 <i>percentile rank</i> <i># of funds in category</i>	OTCKX	Mid-Cap Growth	37.93 17 619	20.84 9 566	14.09 6 502	– – 386	✔	13.10	0.90	11.12	✔	☒	✔	0.74	✔	
American Century Mid Cap Value I <i>percentile rank</i> <i># of funds in category</i>	AVUAX	Mid-Cap Value	29.12 23 422	7.96 40 377	8.84 11 342	12.42 12 233	✔	13.31	1.01	15.76	✔	☒	✔	0.76	✔	
Vanguard Small Cap Growth Index Admiral <i>percentile rank</i> <i># of funds in category</i>	VSGAX	Small Growth	32.76 27 642	15.14 39 574	10.51 42 509	– – 383	✔	15.56	0.92	15.01	✔	☒	✖	0.07	✔	
Vanguard Small Cap Value Index Admiral <i>percentile rank</i> <i># of funds in category</i>	VSIAX	Small Value	22.76 35 419	6.40 15 387	7.46 18 346	– – 237	✔	15.00	0.93	3.68	✔	☒	✖	0.07	✔	
<b>Non-US Stock</b>																
JPMorgan Emerging Markets Equity R5 <i>percentile rank</i> <i># of funds in category</i>	JEMOX	Diversified Emerging Mkts	32.11 3 832	16.60 3 711	– – 577	– – 243	✔	14.55	0.97	14.34	✔	☒	✔	0.89	✔	
American Funds Europacific Growth R6 <i>percentile rank</i> <i># of funds in category</i>	REGGX	Foreign Large Blend	27.40 59 469	12.45 47 405	7.41 44 338	6.73 55 249	✔	12.25	1.07	18.59	✔	☒	✔	0.49	✔	
⚠ Invesco Oppenheimer International Gr Y <i>percentile rank</i> <i># of funds in category</i>	OIGYX	Foreign Large Growth	28.98 41 469	9.69 88 405	5.98 73 338	7.37 33 249	✔	13.07	1.11	23.78	✔	☒	✔	0.85	✔	
Vanguard International Value Inv <i>percentile rank</i> <i># of funds in category</i>	VTRIX	Foreign Large Value	20.39 21 347	9.61 6 305	5.17 13 253	4.91 29 165	✔	11.56	1.04	11.63	✔	☒	✖	0.37	✔	
American Funds New Perspective R6 <i>percentile rank</i> <i># of funds in category</i>	RNPGX	World Stock	30.48 19 876	16.79 13 728	11.45 10 610	11.15 7 370	✔	11.96	0.96	19.09	✔	☒	✔	0.44	✔	

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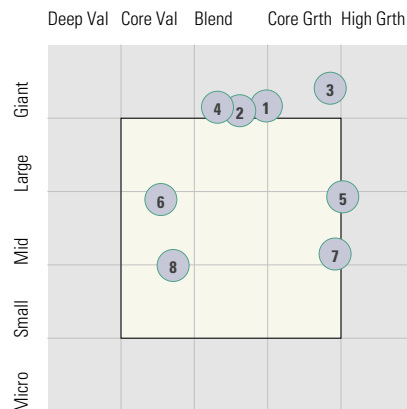
Name	Ticker	Asset Class	Trailing Performance and Risk				Management			Style		Expense			
			1 Yr	3 Yr	5 Yr	10 Yr	Pass/ Fail	Std Dev 3 Yr %	Beta 3 Yr %	Tenure	Pass/ Fail	Style Box	Pass/ Fail	Exp Ratio	Pass/ Fail
<b>Alternative</b>															
PIMCO Commodity Real Return Strat I2	PCRPX	Commodities Broad Basket	12.21	-0.28	-3.38	-3.42	✔	9.76	1.11	5.00	✔	—	—	1.56	✖
<i>percentile rank</i>			11	49	49	20									
<i># of funds in category</i>			131	107	97	36									
Vanguard Real Estate Index Admiral	VGSLX	Real Estate	28.94	8.37	7.17	11.97	✔	12.06	0.98	23.65	✔	—	✔	0.11	✔
<i>percentile rank</i>			29	46	38	29									
<i># of funds in category</i>			259	224	200	138									
<b>Fixed Income</b>															
BlackRock High Yield Bond Instl	BHYIX	High Yield Bond	15.30	6.61	5.79	7.91	✔	4.32	1.02	12.01	✔	—	—	0.60	✔
<i>percentile rank</i>			16	8	15	4									
<i># of funds in category</i>			713	618	543	340									
American Century Inflation Adjs Bond R5	AIANX	Inflation-Protected Bond	8.07	2.96	2.33	3.00	✔	2.96	0.97	18.10	✔	—	—	0.27	✔
<i>percentile rank</i>			50	49	39	41									
<i># of funds in category</i>			221	194	163	104									
Vanguard Interm-Term Bond Index Adm	VBILX	Intermediate-Term Bond	10.18	4.53	3.53	4.77	✔	3.40	1.15	11.69	✔	📊	—	0.07	✔
<i>percentile rank</i>			2	4	4	4									
<i># of funds in category</i>			431	383	328	252									
PIMCO Income I2	PONPX	Multisector Bond	7.94	5.57	5.55	8.66	✔	1.92	0.21	12.76	✔	—	—	1.15	✔
<i>percentile rank</i>			79	22	7	1									
<i># of funds in category</i>			302	265	223	120									
Federated Government Ultrashrt Dur Instl	FGUSX	Ultrashort Bond	2.14	1.69	1.11	0.76	✖	0.25	0.03	22.49	✔	—	—	0.26	✔
<i>percentile rank</i>			94	86	87	79									
<i># of funds in category</i>			201	161	130	62									
PIMCO International Bond (USD-Hdg) I-2	PFBPX	World Bond	7.23	4.37	4.05	5.84	✔	2.09	0.45	5.27	✔	—	—	0.65	✔
<i>percentile rank</i>			76	36	16	2									
<i># of funds in category</i>			102	72	57	37									
<b>Balanced</b>															
Vanguard LifeStrategy Cnsvr Gr Inv	VSCGX	Target Risk	15.68	7.59	5.67	6.62	✔	4.58	0.98	25.27	✔	—	✔	0.12	✔
<i>percentile rank</i>			36	16	18	29									
<i># of funds in category</i>			562	509	419	270									
Vanguard LifeStrategy Growth Inv	VASGX	Target Risk	23.13	10.97	7.91	9.35	✔	9.15	1.01	25.27	✔	—	✔	0.14	✔
<i>percentile rank</i>			32	19	19	23									
<i># of funds in category</i>			334	304	274	193									
Vanguard LifeStrategy Income Inv	VASIX	Target Risk	12.05	5.85	4.45	5.18	✔	2.82	0.32	25.27	✔	—	✔	0.11	✔
<i>percentile rank</i>			35	18	18	43									
<i># of funds in category</i>			200	183	158	91									
Vanguard LifeStrategy Moderate Gr Inv	VSMGX	Target Risk	19.37	9.30	6.82	8.08	✔	6.81	1.00	25.27	✔	—	✔	0.13	✔
<i>percentile rank</i>			53	37	34	44									
<i># of funds in category</i>			699	644	571	420									

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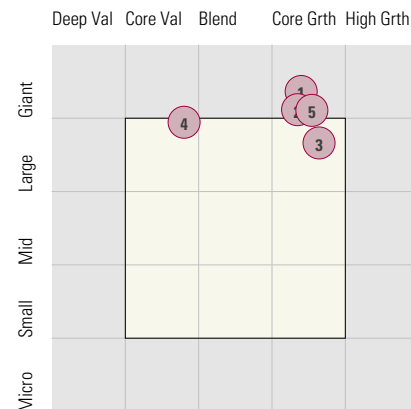
## Style Analysis (Data as of 12-31-2019)

### 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	JPMorgan US Equity R6	Large Blend	29.75	25.19	45.05	0.63	96.84	2.53	66.96
2	Vanguard 500 Index Admiral	Large Blend Index	30.69	25.24	44.08	0.35	98.70	0.95	71.43
3	Fidelity® Contrafund®	Large Growth	36.49	17.55	45.95	0.05	91.84	7.32	72.75
4	American Funds Washington Mutual R6	Large Value	28.19	25.23	46.59	3.72	87.81	8.16	92.42
5	MFS Mid Cap Growth R6	Mid-Cap Growth	31.17	16.37	52.46	1.65	94.49	3.86	10.33
6	American Century Mid Cap Value I	Mid-Cap Value	40.49	30.22	29.29	2.55	87.29	10.16	11.80
7	Vanguard Small Cap Growth Index Admiral	Small Growth	28.02	24.72	47.27	2.08	97.21	0.71	2.95
8	Vanguard Small Cap Value Index Admiral	Small Value	52.45	15.12	32.43	1.38	97.50	1.11	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	JPMorgan Emerging Markets Equity R5	Diversified Emerging Mkts	54.17	18.93	26.90	16.34	72.63	11.03	28.63	71.37	—
2	American Funds Europacific Growth R6	Foreign Large Blend	40.93	20.70	38.37	11.55	47.62	40.81	71.76	28.24	39.57
3	Invesco Oppenheimer International Gr Y	Foreign Large Growth	23.21	31.00	45.78	13.26	25.86	60.87	94.66	5.34	15.13
4	Vanguard International Value Inv	Foreign Large Value	33.27	21.85	44.88	7.63	37.88	54.50	89.21	10.79	33.22
5	American Funds New Perspective R6	World Stock	35.92	22.64	41.44	58.10	14.02	27.87	94.81	5.19	55.05

#### 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 High Yield Bond Instl	High Yield Bond	0.03	0.00	90.24	0.00	3.11	4.65	95.10	0.25
2	American Century Inflation Adjs Bond R5	Inflation-Protected Bond	89.04	0.89	3.13	0.00	7.40	100.54	0.17	-0.71
3	Vanguard Inter-Term Bond Index Adm	Intermediate-Term Bond	58.53	0.00	40.93	0.00	6.33	100.00	0.00	0.00
4	PIMCO Income I2	Multisector Bond	23.47	13.75	18.66	0.00	0.41	81.00	19.00	0.00
5	Federated Government Ultrashrt Dur Instl	Ultrashort Bond	15.26	56.99	0.00	0.00	0.38	100.00	0.00	0.00
6	PIMCO International Bond (USD-Hdg) I-2	World Bond	51.86	5.14	5.88	0.00	8.39	93.00	7.00	0.00