For Institutional Investors Only

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Weekly Update:

- Weekly summary of portfolio performance is outlined on pages 9, 10, and 11. The strongest performing stock was BZUN, up 7.62%, followed by PI, which rose 7.34% on the week. The laggard was ALXN, which declined 6.20%.
- On a macro level, and as a follow up to last week, the trade deficit for the month of February narrowed to \$49.4 billion, versus consensus expectations for a widening to \$53.5 billion. All else being equal, a narrowing in the trade deficit should be a positive for GDP calculations, which in my opinion would serve as a positive for broader markets.
- The Fed released its' beige book on the 17th, stating that the economy grew at a "slight to moderate pace" in March and April, but also implied "significant uncertainties" and overall risks to the economy.
- Global market performance:

	1 Week Performance	Futures
S&P (SPX)	0.08%	-0.14%
NASDAQ (COMPX)	0.49%	-0.09%
Nikkei (NI)	0.22%	-0.52%
FTSE (FTSE)	0.56%	0.00%
USD/JPY	-0.08%	-0.04%
EUR/USD	-0.41%	-0.12%
WTI (OILSW)	0.66%	0.32%
Brent (OILBR)	1.61%	0.35%
Natural Gas (NG2Spot)	-2.55%	0.12%
Copper (HG2Spot)	-1.14%	0.12%
Gold (GC2Spot)	-1.06%	0.04%
Soybeans (S2Spot)	-2.42%	0.00%

• Current sector rotation (RRG), relative to the S&P 500

Ticker XOP	Sector E&P	Quadrant Leading
XLY	Consumer Discretionary	Leading
XLP	Consumer Staples	Improving
XLE	Energy	Improving
XLB	Materials	Leading
XLF	Financials	Leading
XLI	Industrials	Leading
XLK	Technology	Leading
XLRE	Real Estate	Lagging
XLU	Utilities	Lagging
XLV	Healthcare	Lagging

Market thoughts:

• Momentum has slowed a bit specific to the S&P 500 total return index (SPXT), but I still do not detect a divergence as prices move higher. Furthermore, SPXT prices remain above its 200 day MA and as such I maintain a bullish stance on the market in general. This week's note actually includes 2 long ideas, one within the biotech sector, and another within the retail sector/consumer discretionary sector.

Trade idea 1 (System 3-Moving average crossover: description on page 6*, chart on page 7):

- Merus N.V. (MRUS-\$16.83). Potential long candidate
- "Operates as a clinical stage immune-oncology company. The company focuses on developing bispecific antibody therapeutics. Merus develops and manufactures therapeutics to treat and cure patients"
- MRUS had a recent crossover between the 10 and 100 day moving averages (MA), which drew my
 interest to the name.
- The crossover occurred on 4/11/19, and prices have advanced an additional 24% since that time period. My kneejerk reaction would be that we may have missed the opportunity on this one (specifically given the 7% move today), but I still think there is additional room to the upside.
- For starters, the push higher is coming in conjunction with increasing momentum (using the 14 period RSI as a proxy). Additionally, during the prior downturn (measuring from 8/13/18 to 12/4/18) there was a 36% decline in prices, but that occurred in conjunction with an uptick in momentum (as the RSI bottomed on 10/30/2018 and began to push higher). I would characterize that as a bullish divergence, and a reason to consider going long MRUS shares.
- Also, I detect potential levels of support at \$15.17 and \$13.01 when looking at the anchored volume weighted average price (AVWAP) for MRUS shares (measuring from its Dec and October 2018 earnings release dates).
- While I would be inclined to let prices run should they move higher, I think it makes sense to establish an initial price target of \$21 per share, and a secondary target at its 52 week high of \$26.74.
- On a fundamental basis MRUS had 43.5% annual revenue growth last year, and 30% revenue growth in the prior quarter. Given that MRUS IPO'd in 2016, there is not yet enough data to calculate a 5 year CAGR.
- The balance sheet for MRUS currently shows \$188 million in cash, and no debt on its books.
- Additionally, 2.75% of MRUS shares are held short, with 21.2 days to cover. In my view, this could
 provide a potential tailwind for MRUS shares, should those shorts be placed in a position where they
 had to cover their positions.
- Should this idea be incorrect, my exit price for MRUS shares would be at \$15.77 per share, implying a max loss threshold of 6% and based on 1x its current Average True Range of 1.062. Admittedly, the 6% threshold is slightly outside my normal comfort level. However, there has been a recent uptick in volatility for the name and am willing to extend a bit more risk to avoid the prospect of being prematurely stopped out. I would also, be looking to tighten my stop following an uptick in prices.

Trade idea 2 (System 3-Moving average crossover: description on page 6*, chart on page 8):

- Children's Place Inc: (PLCE-\$107.00)
- "Retails value priced apparel and accessories for newborn to 12 year old children (Source: Bloomberg)
- Moving average crossover between the 10 and the 100 day MA's occurred on 4/12/18, with prices rising an additional 1% since it occurred.
- Additionally, I noticed a bullish divergence that occurred during the prior downturn (measuring from 1/15/19-3/4/19). I notice the same divergence when taking a step back and measuring from 12/6/2018 to 3/4/19.
- Also of note, is that PLCE shares gapped down sharply on 12/6/18, following the market's reaction to its fiscal 3Q19 earnings report.
- Essentially, my contention is the following:
 - PLCE's shares sold off sharply following its 3Q19 earnings release (from \$123 on 12/4/18 to \$106.67 on 12/6/18)
 - PLCE shares have traded relatively flat since that time period, though momentum has increased.
 - The 10 day cross of the 100 day MA is a bullish signal in my view
 - Shares are poised to "fill" the aforementioned gap.
- Moreover, I suspect that prices are nearing what I expect will be a level of support above \$109.75 (using the AVWAP as a proxy).
- On a fundamental basis, and in all candor...I'm not a fan of the revenue growth. PLCE has a 5 year CAGR of just 1.88%, and revenue growth in the most recent quarter was actually down 6.9%.
- The balance sheet on the other hand is solid in my view, with total debt to capital of 15%.
- Despite the revenue growth being far less than what I'm traditionally comfortable with, my contention is that the prior sell off was overdone, and as such PLCE shares are poised to move higher (driven in large measure by the aforementioned technical factors)
- As far as risk management is concerned, I would be inclined to exit PLCE shares at \$103.79. This implies a max potential loss threshold of 3%, and based on .92x the current ATR of 3.506.
- As my confidence in PCLE is impacted by the aforementioned lower than desired revenue figures, I have decided to apply a bit of a tighter stop in this instance. Moreover, I think this is appropriate, given the riskier than normal stance taken in the prior long idea (MRUS).
- Additionally, as PLCE shares move higher, I would recommend tightening the sell stop as an extra level
 of risk control.

Prior 2019 recommendation(s)

- PI- Impinj: 04/16/19 BUY (System 3): Entry = \$19.08; Current Price = \$20.48; Profit/Loss = 7.34%
- NANO- Nanometrics: 04/09/19 BUY (System 3): Entry= \$32; Current Price = \$31.99; Profit/Loss = -.03%
- GM- General Motors: 04/02/19 Sell (System 3): Proposed Entry= \$36; Current Price = \$39.50;
 Profit/Loss = N/A (sell stop price yet to be hit)
- MU- Micron Technology: 03/26/19 BUY (System 3): Entry= \$40.55; Current Price=\$43.40; Profit/Loss = 7.34%
- BOMN- Boston Omaha: 03/19/19 BUY (System 3): Entry= \$27.61; 03/22/19; Exit = \$26.36; Current Price = \$24.94; Profit/Loss= -4.5%.
- BZUN- Baozun Inc: 03/12/19 BUY (System 3): Entry= \$39.75; 03/29/19; Current Price = \$43.48;
 Profit/Loss = 9.38%
- QRVO- Qorvo Inc: 03/05/19 BUY (System 3): 03/21/19; BUY =\$72; 03/25/19; Exit =\$71.52; Current Price= \$76.01; Profit/Loss= 0.99%.
- PS- Pluralsight Inc: 02/26/19; BUY (System 2); Entry = \$29.54; 03/02/19; Exit = \$32.84, Current Price = \$32.38; Profit/Loss = 11.2%.
- VRTX-Vertex Pharmaceuticals: 02/19/19; BUY (System 2); Entry =\$188.07; 03/05/19; Exit = \$187.69,
 Current Price = \$168.52; Profit/Loss = -.002%.
- JOBS- 51Jobs Inc: 02/12/19; BUY (System 3); Entry = \$69.14; Current Price = \$92.89; Profit/Loss= 34.35%
- FTNT-Fortinet: 02/05/19; BUY (System 3); Entry = \$80.14; Current Price = \$91.57; Profit/Loss = 14.26%
- NWL-Newell Brand: 1/29/19; BUY (System 2); Entry = \$21.13; 2/15/19; Exit = \$18.68, Current Price = \$14.41; Profit/Loss= -12%

Venture Capital/Entrepreneur News

- English Premier League rivals Raheem Sterling (Manchester City) and Alex Oxalde-Chamberlain (Liverpool), Invest In Sports Tech
 - While it is relatively quiet on the IPO front (particularly in North America), I found this story specific to EPL players Sterling and Chamberlain, interesting.
 - o In short, Sterling and Chamberlain have both committed to investing \$1.3 million into "STATSports", a wearable technology company based out of the UK.
 - As part of the investment, both players will become global ambassadors for STATSsports, though I would be curious as to whether the investment in the firm would bring with it an equity stake as well.
 - STATSports is reportedly eyeing a public offering within the next 2 years, while targeting an valuation of \$200 million
- Serena Williams Launches Venture Capital Firm With Focus on Diverse Founders
 - While apparently launched in 2014, Tennis start Serena Williams recently announced "Serena Ventures", a venture capital firm.
 - According to reports, the firm focuses on "early stage investments in companies led by women and people of color, and those that value individual empowerment and creativity"
 - Since its launch, Serena Ventures has invested in over 30 companies, including Coinbase and Masterclass
 - ****Given what we've been reading as of late regarding a shift away from early stage investing for VC firms, it appears at first glance that Serena Ventures will be positioned well to invest in newer ventures. Obviously execution is paramount, but on the pure basis of filling a need, this appears to do so, and especially does so as it relates to investing in "minority" founders.

Trade System Descriptions*

- System 1: Momentum ranking while accounting for volatility. Basket of stocks are ranked based on their momentum over the last 90 days (using the exponential regression). That number is annualized and then subsequently multiplied by the R2 (coefficient of determination), in order to penalize stocks for excessive volatility. Goal is to locate stocks with strong, steady momentum
- System 2: Retracement while in a primary trend. For long ideas, the goal is to identify names that have been moving higher, but have recently pulled back slightly. I look for stocks whose current price likes below the 20 day moving average, but above the 50 day moving average, while momentum (14 period RSI), is pointing higher as well.
- **System 3:** Moving average crossover. Basic system attempting to capture a stock poised to breakout. Can use a 10 day MA crossover above the 100 day MA, 20 above the 50, 50 above the 200, etc... depending on risk tolerance.





Weekly Market Note

	1	Day -	Watch List -	Watchlist Summan	v Lavou
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	Code ^	Name	Last	Sector Name	Mkt Cap	Daily Change	1 Week Change	Relative to S&P	1 Month Change	Quarterly Change	Yearly Change	=
Com	mercial Service	: CNT: 4		V			**					-
	6028.JP	TechnoPro Holdings,Inc.	6,580.000	Commercial Services	238,877.7	0.15%		Leading				
	всо	The Brink's Co	80.00	Commercial Services	3,976.0	-0.09%		Weakening				
	BOMN	Boston Omaha Corp	24.94	Commercial Services	550.8	-0.64%	0.00%	Lagging			9,87%	
	KFY	Korn Ferry	46.81	Commercial Services	2,641.0	-1.35%		Improving				
	umer Durabl	r CNT: 4										@
	ELY	Callaway Golf Co	16.84	Consumer Durables	1,591.6	-0:82%		Improving				
	GM	General Motors Co	39.50	Consumer Durables	55,300.0	-1.99%		Weakening	8.40%			
	MSA	MSA Safety Inc	104.78	Consumer Durables	4,036.8	-0.99%		Lagging				
	SWK	Stanley Black & Decker Inc	145.43	Consumer Durables	22,003.9	-0.2196		Leading				
Cons	umer Non Di	: CNT: 2										a
	4985.JP	EARTH CHEMICAL CO LTD	5,020.000	Consumer Non Durable	101,480.5			Lagging				
	BF.B	Brown-Forman Corp	52.98	Consumer Non Durable	25,274.0	0.25%		Leading				
Cons	umer Service	: CNT: 7										@
	DISH	Dish Network Corp	33.75	Consumer Services	15,791.1	-3.27%		Leading				
	HLT	Hilton Worldwide Holding	87.91	Consumer Services	25,917.3	0.78%		Leading	3.95%			
	LBTYK	Liberty Global PLC	26.50	Consumer Services	19,788.2	-0.60%		Leading				
	LYV	Live Nation Entertainment	65.50	Consumer Services	13,763.3	0.23%		Leading		23.89%		
	SBUX	Starbucks Corp	75.40	Consumer Services	93,744.8	-0.87%		Weakening				
	TSG	The Stars Group Inc	19.080	Consumer Services	5,212.2	-1.55%		Improving			-34.88%	
	WWE	World Wrestling Entertains	96.11	Consumer Services	7,499.0	-0.62%		Leading				
Distr	ibution Servi	c CNT: 1										@
	FERG	Ferguson PLC	54.000	Distribution Services	12,526.3	-0.04%		Lagging				
lect	ronic Techno	1 CNT: 5										e
	FTNT	Fortinet Inc	91.57	Electronic Technology	15,548.6	0.54%		Leading				
	MU	Micron Technology Inc	43.40	Electronic Technology	48,000.4			Leading				
	NANO	Nanometrics Inc	31.99	Electronic Technology	779.7	0.31%		Improving				
	PI	Impinj Inc	20.480	Electronic Technology	440.2	3.33%		Improving	16.30%			
	QRVO	Qorvo Inc	76.01	Electronic Technology	9,349.3	-0.87%		Leading		22.72%		

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1	Day -	Watch I	ist - Wa	tchlist (Summary	avout

	Code 🔥	Name	Last	Sector Name	Mkt Cap	Daily Change	1 Week Change	Relative to S&P	1 Month Change	Quarterly Change	Yearly Change	H
Finar	ice					**				4	49	
	CARO	Carolina Financial Corp	36.16	Finance	809.5	-0.93%		Leading				
	FBNC	First Bancorp	36.11	Finance	1,073.4	-1.04%		Lagging				
	LAND	Gladstone Land Corp	12.54	Finance	224.4	0,00%		Lagging				
	NCOM	National Commerce Corp	39.2100	Finance	814.1	-0.28%		Leading				
	SSB	South State Corp	71.48	Finance	2,561.1	-1.8196		Improving				
	TOWN	Towne Bank	26.2500	Finance	1,902.2	-1.69%		Lagging				
	٧	Visa Inc	160.40	Finance	172,131.8	0.15%		Leading				
Healt	h Services											
	EVHC	Envision Healthcare Holdings	45.99	Health Services	4,874.5	0.00%		Weakening			9.92%	
Healt	h Technolog	у										a
	ALXN	Alexion Pharmaceuticals Inc	128.96	Health Technology	28,822.6	2.34%		Weakening			19:65%	
	CSII	Cardiovascular Systems Inc	34.7500	Health Technology	1,210.1	1.73%		Leading				
	MRUS	Merus N.V.	16.830	Health Technology	393.1	7/20%		Improving		36.83%		
	NEOG	Neogen Corp	56.32	Health Technology	2,935.4	-0.78%		Improving				
	TGTX	TG Therapeutics Inc	7.95	Health Technology	666.8	1.53%		Leading		82.34%		
	VRTX	Vertex Pharmaceuticals Inc	168.52	Health Technology	43,001.6	0.21%		Lagging				
Non	Energy Mine	rais										呃
	SUM	Summit Materials Inc	15.940	Non Energy Minerals	1,092.4	-0.87%		Leading				
	VMC	Vulcan Materials Co (Holding	123.27	Non Energy Minerals	16,733.8	0.38%		Leading				
Prod	ucer Manufa	cturing										- P
	5301.JP	Tokai Carbon Co Ltd	1,456.000	Producer Manufacturii	310,351.7	-0.95%		Improving	3.85%			
	AME	AMETEK Inc	86.62	Producer Manufacturii	19,672.3	0.15%		Leading				
	APTV	Aptiv PLC	89.74	Producer Manufacturii	23,331.6	-0.66%		Leading				
Ш	LECO	Lincoln Electric Holdings Inc	87.26	Producer Manufacturii	5,545.0	-4.6496		Lagging				
	NWL	Newell Brands Inc	14.41	Producer Manufacturii	6,092.5	-4.88%		Lagging				
	PCAR	Paccar Inc	71.13	Producer Manufacturii	24,653.7	-0.43%		Leading		14.63%	2.82%	
	WSO	Watsco Inc	150.99	Producer Manufacturii	5,656.3	-0.22%	3.47%	Improving				
	XONE	The ExOne Co	8.78	Producer Manufacturii	142.5	-2.77%		Weakening	0.23%			

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April 23, 2019 9 1 Day - Watch List - Watchlist Summary Layout



- 🔲	Code 🔥	Name	Last	Sector Name	Mkt Cap	Daily Change	1 Week Change	Relative to S&P	1 Month Change	Quarterly Change	Yearly Change	±
Prod	ucer Manufa	acturing				**	10		**		·	-
	XYL	Xylem Inc	83.49	Producer Manufactur	15,005.2	0.68%		Leading	8.34%		5.32%	
- Reta	il Trade											雪
	2782.JP	Seria Co Ltd	3,375.000	Retail Trade	255,959.0	-0.59%		Lagging	-10.36%			
	3182.JP	Oisix Inc.	1,670.000	Retail Trade	56,074.7	-2.68%		Improving	0.72%			
	9435.JP	HIKARI TSUSHIN INC	19,820.000	Retail Trade	912,345.3	0.41%		Leading	-5.53%			
	BZUN	Baozun inc	43.48	Retail Trade	2,308.0	4.09%		Leading	18.64%			
	OLLI	Ollie's Bargain Outlet Hold	92.17	Retail Trade	5,807.3	-0.65%		Leading	16.04%			
	WMT	Walmart Inc	102.37	Retail Trade	294,620.9	-0.79%		Lagging	4.16%			
Tech	nology Servi	ces										®
	CYBR	CyberArk Software Ltd	121.9200	Technology Services	4,491.4	3,56%		Leading	7.71%			
	JOBS	51job Inc	92.89	Technology Services	5,747.5	-0.03%		Leading	25.82%			
	PS	Pluralsight Inc	32.38	Technology Services	2,110.9	1.82%		Leading	3.55%			

Type Code or Name to add an item to the watchlist



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Weekly Market Note

1 Day - Watch List - No Layout



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Weekly Market Note

1 Day - Watch List - No Layout

	Ced	Name	Last	1 Month Change	3 Month Change	6 Month Change	9 Month Change	12 Month Change	E
	LNS	Civilian Labor Force Participation Rate: Men	69.10	-0.14%	0.14%	0.58%	0.00%	-0.29%	
	LNS1	Civilian Labor Force Participation Rate: Women	57.30						
	LN51	Labor Force Participation Rate: White	63.00						
	LNS	Labor Force Participation Rate: Black or African American	62.10	-0.64%	0.00%				
	LNS	Labor Force Participation Rate: Hispanic or Latino	67.00		0.00%			1.82%	
	LNS	Civilian Labor Force Participation Rate: 16 to 19 years	35.10				0.00%		
	LNS	Civilian Labor Force Participation Rate: 16 to 19 years, White	37.40				2,19%	0.00%	
	LNS	Civilian Labor Force Participation Rate: 16 to 19 years, Black or African American	29.00						
П	LNS	Civilian Labor Force Participation Rate: 20 years and over, Men	71.70						
	LNS1	Labor Force Participation Rate: 20 years and over, Women	58.70						
	LN51	Civilian Labor Force Participation Rate: 20 years and over, White Men	71.90		0.00%		0.00%		
	LNS	Labor Force Participation Rate: 20 years and over, White Women	57.90		-0.17%	0.87%	0.52%	0.87%	
ij	LNS	Civilian Labor Force Participation Rate: 20 years and over, Black or African American Men	68.00			0.00%			
	LNS	Labor Force Participation Rate: 20 years and over, Black or African American Women	62.00			-1,4396			
	LNS	Civilian Labor Force Participation Rate: 20 to 24 years	71.90						
	LNS	Civilian Labor Force Participation Rate: 25 to 54 years	82.50						
1	LNS	Civilian Labor Force Participation Rate: 55 years and over	40.10			0.00%	0.00%		
	LNS1	Labor Force Participation Rate: Less than a High School Diploma, 25 years and over	46.10		0.00%	0.22%	0:44%		
	LNS1	Labor Force Participation Rate: High School Graduates, No College, 25 years and over	57.90		-0.34%		0.00%		
	LNS	Civilian Labor Force Participation Rate: Bachelor's Degree and Higher, 25 years and over	73.70				-0.41%		
	LNS	Labor Force Participation Rate: Some College or Associate Degree, 25 years and over	65.20						

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