



# **RIVERSIDE ANALYTICS INC**

## **WEEKLY BROADCAST**

**2<sup>ND</sup> OPEN HOUSE - PUBLIC WELCOME**

**DATE: JULY 14, 2020**

**RIVERSIDE ANALYTICS INC**  
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# RIVERSIDE'S LIVE WEEKLY BROADCAST

## DISCLAIMER

- ❖ All trading / investing comes with risk.
- ❖ The insights contained in this presentation do not constitute advice, rather are meant for educational purposes from which you may make more educated decisions taking into account your individual risk profile and needs for return.
- ❖ At Riverside, we assess probabilities using systematic quantitative methodology. We do not provide advice. There are no guarantees for positive return. All investing/trading is at your own risk.
- ❖ Riverside is about helping active and affluent investors learn how to make better decisions in financial markets.
- ❖ All charts shown in this broadcast have been referenced from stockcharts.com, Amibroker or eSignal unless otherwise noted.

Good investing is not an “event” like finding the next growth opportunity or catching the next market turn. Rather, good investing is a disciplined process that converts research and training into a well-tested methodology, and then makes a habit of following that approach day after day.

John P. Hussman, Ph.D  
President, Hussman Strategic Advisors



# TONIGHT'S AGENDA

- ❖ **Online Registration;**
- ❖ **Social Media and Blog;**
- ❖ **US Equity Market Discussion;**
- ❖ **TSX Market Discussion;**
- ❖ **Sample Strategy Overview;**
- ❖ **Product Offerings;**
- ❖ **Question and Answer Period;**

**Tonight's Webinar is being recorded. The recording and slide deck and will be posted on the Riverside Website. Additional details to follow tonight's session.**



# SOCIAL MEDIA AND BLOG

## VARIOUS UPDATES

I have started to post various snapshots on both Facebook and Twitter. For those on Social Media, please be sure to Like and Follow us on each platform at the handles below;

**Facebook** - [@RiversideAnalyticsInc](#)

**Twitter** - [@RiversideAnalyt](#)

**YouTube** - Coming Soon. We have set up our account on YouTube this past week but have not yet started to populate videos. These video's will provide basic market information the general public. Specific details and commentary surrounding our tools and weekly broadcasts will not be posted on this channel as this information is for members only.

**Vimeo** - Vimeo will be holding our video's moving forward. Through Vimeo, we are able to issue weekly broadcasts, short video segments and educational products to our members without access to the general public. Our Official Launch Open House is available via Vimeo to the general public through our blog page as noted above. Following next Tuesday's open house, we will be posting our Weekly Broadcasts inside the Member's Only portion of the Website. We will provide details on how to access these recordings following the registration deadline next Friday July 17th.

**Riverside Blog** - For those not on social media, be sure to check our Blog regularly. Through our Blog we will be providing the same public content as shown on our Social Media Pages. We will also be providing updates through our Blog for Members Only. Access to Member Only updates will be specific to each membership level. We will provide additional details moving forward in time following the registration deadline.



# TWITTER POSTS

DATE: JULY 13, 2020 (JUST AFTER THE CLOSE)

Before 8:30am on July 13, 2020



After the close on July 13, 2020





## US EQUITY MARKET DISCUSSION

- ❖ S&P 500 SECTOR POSITIONING;
- ❖ NASDAQ INDEX SECTOR ALLOCATION;
- ❖ US SECTOR ETF DASHBOARD;
- ❖ NASDAQ COMPOSITE INDEX (\$COMPQ);
- ❖ NASDAQ 100 ETF (QQQ);
- ❖ BMO NASDAQ 100 Equity Hedged To CAD Index ETF (ZQQ-TC);

# S&P 500 LARGE CAP INDEX

## SECTOR ALLOCATION VS THE WEIGHT OF THE EVIDENCE



### US SECTOR BREAKDOWN

MARKET MODEL RANKING (MMR) vs TSX CAP WEIGHT (%)

■ MARKET MODEL RANKING (MMR) ■ US SECTOR CAP WT (%)



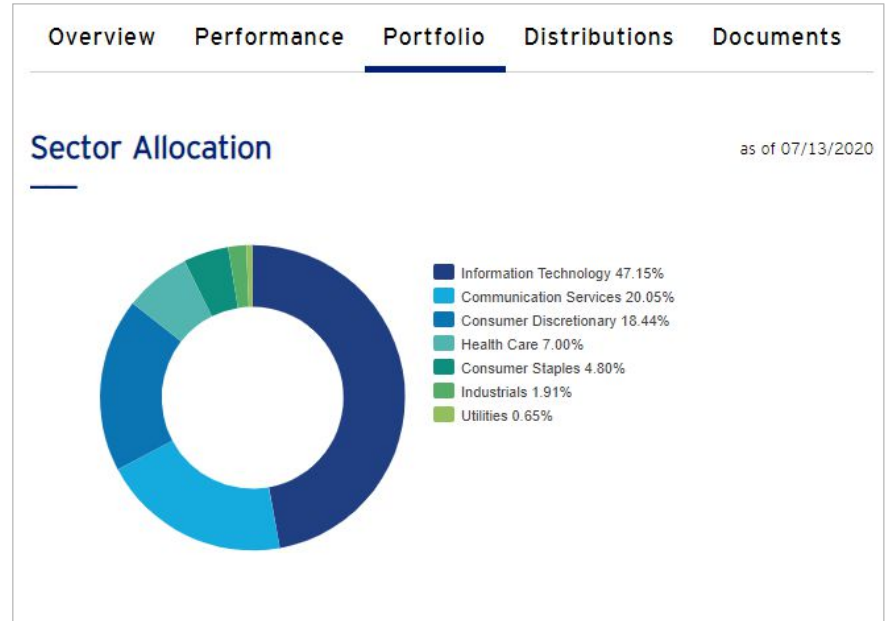
# NASDAQ 100 ETF (QQQ)

## SECTOR ALLOCATION

EQUITY | US EQUITY

### Invesco QQQ

Select a Fund ▼



<https://www.invesco.com/us/financial-products/etfs/product-detail?productId=ETF-QQQ>





# RIVERSIDE'S US SECTOR / INDUSTRY ANALYSIS DASHBOARD

MMR, BREADTH, SEASONALITY, SECTOR AND INDUSTRY ETF MOVEMENT DETECTION

## US SECTOR SUMMARY

MARKET MODEL RANKING (MMR)

BEARISH NEUTRAL BULLISH



US SECTOR

## US SECTOR VALUE CHART

CURRENT VALUE VALUE 5-DAYS AGO



US SECTOR

## US SECTOR BREADTH SUMMARY

POSTURE READINGS

BULLISH NEUTRAL BEARISH



US SECTOR

## US SECTOR VOLATILITY

SHORT TERM (VLT) VS LONG TERM H-VLT

VLT



US SECTOR

## US SECTOR SEASONALITY

JULY IN FOCUS

JUL POSITIVE CASES (%)

JUL AVERAGE RETURN (%)



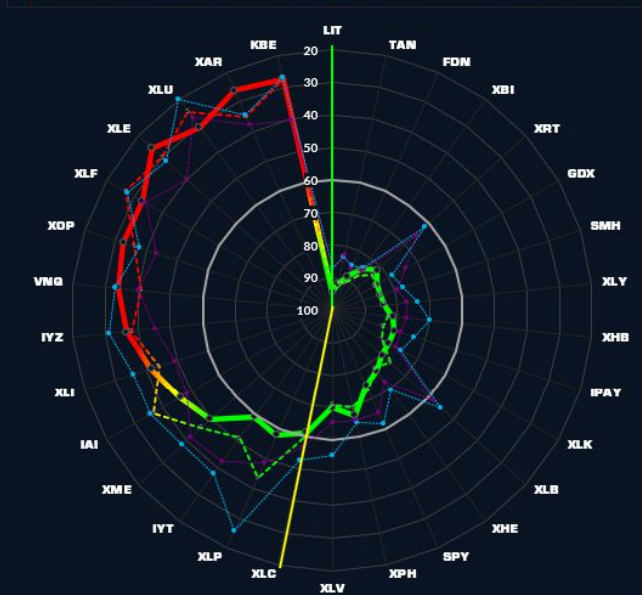
US SECTOR



## US SECTOR / INDUSTRY ETF HEAT MAP RADAR

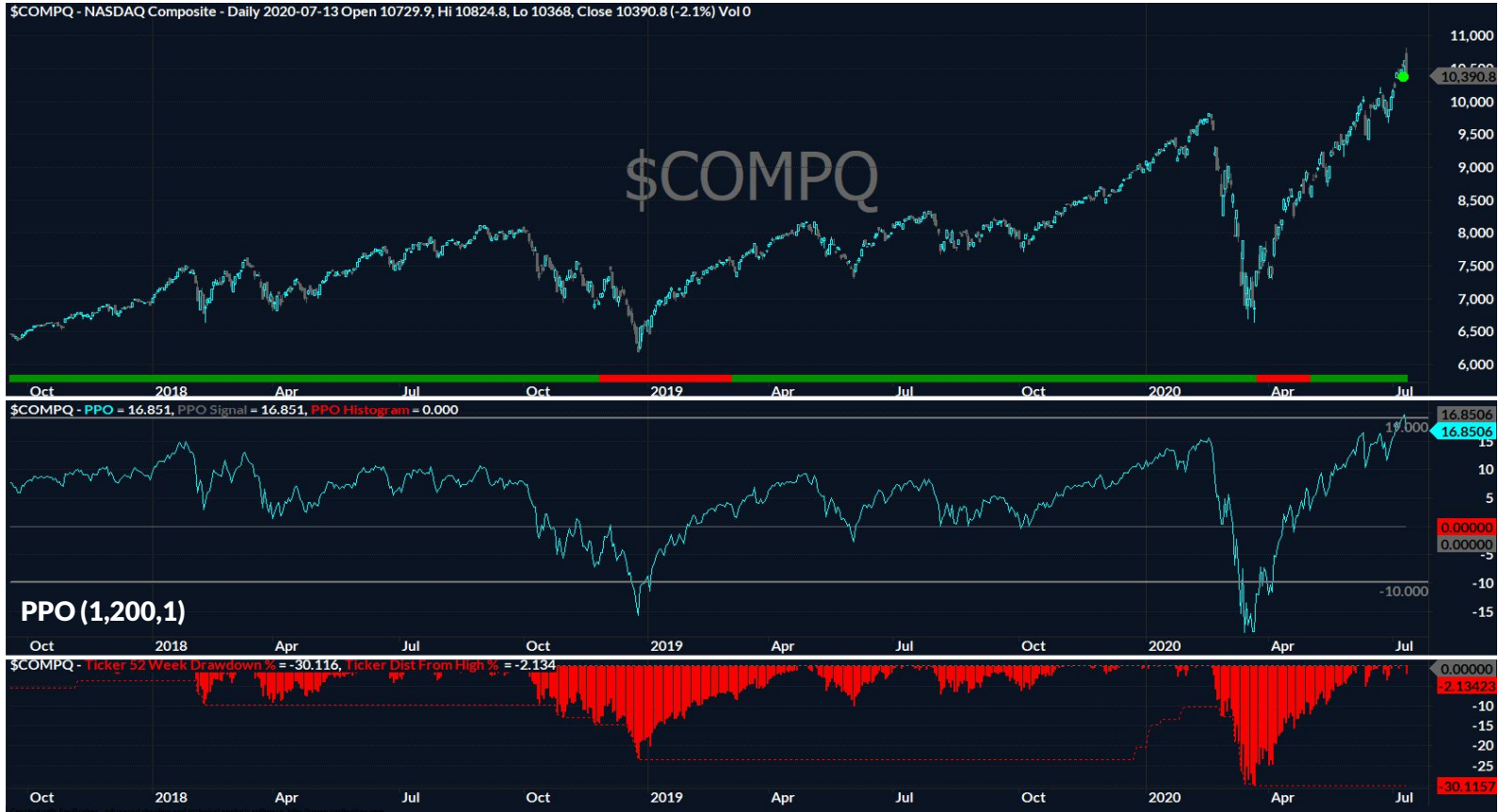
MARKET MODEL RANKING (MMR)

CURRENT MMR MMR 1 WEEK AGO MMR 2 WEEKS AGO MMR 3 WEEKS AGO



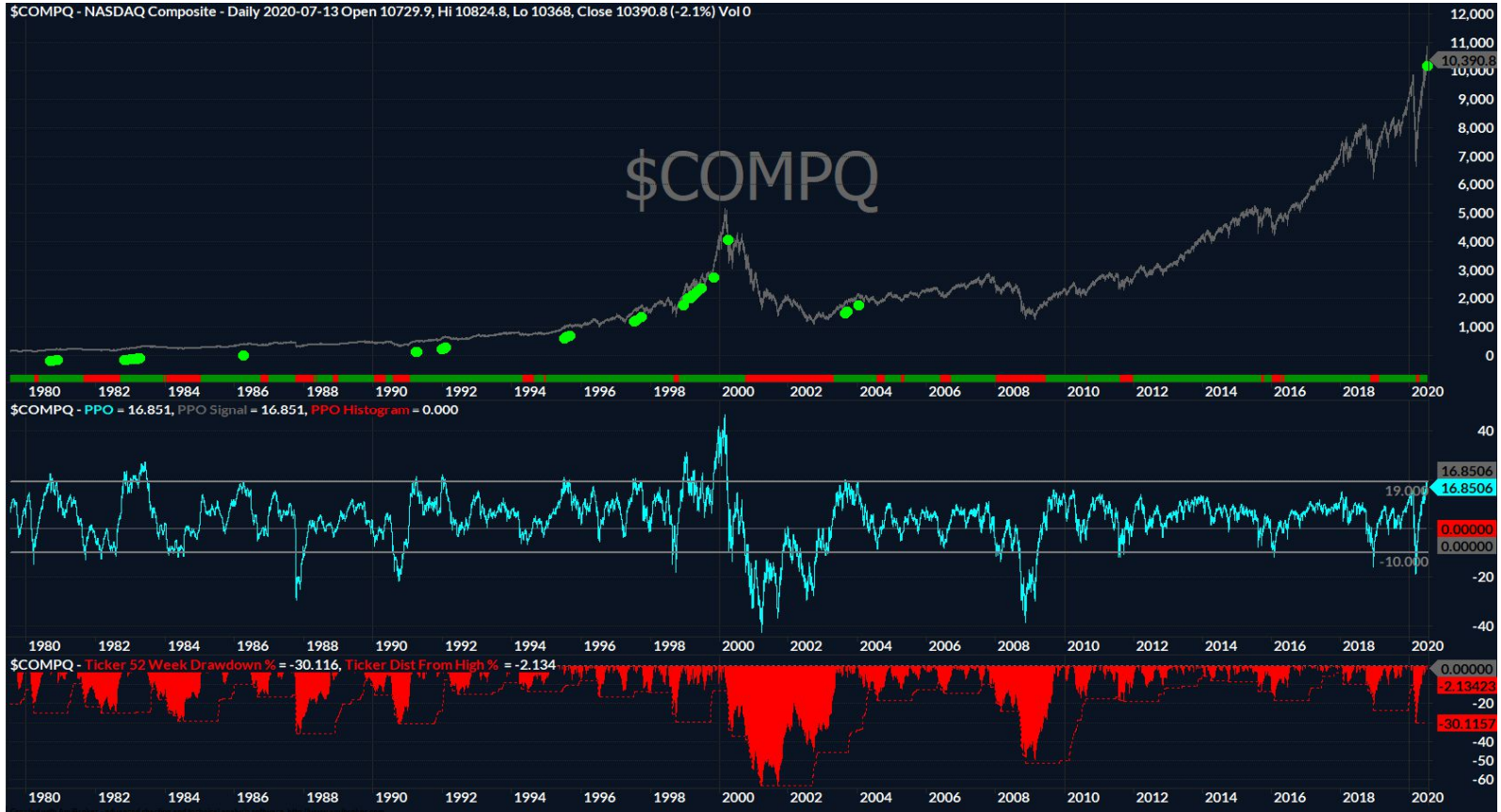
# NASDAQ COMPOSITE INDEX (\$COMPQ)

## RARE TECHNICAL SIGNAL - PPO (1,200,1) CROSS ABOVE 19%



# NASDAQ COMPOSITE INDEX (\$COMPQ)

## RARE TECHNICAL SIGNAL - PPO (1,200,1) CROSS ABOVE 19%





# TICKER SYMBOL: NASDAQ 100 LARGE CAP ETF (QQQ)

TRIGGER: PPO(1,200) CROSSES ABOVE 19%

DATE OF ANALYSIS: 2020-07-10



### PERCENT POSITIVE CASES

1-DAY TO 1-YEAR FOLLOWING THE ORIGINAL SIGNAL



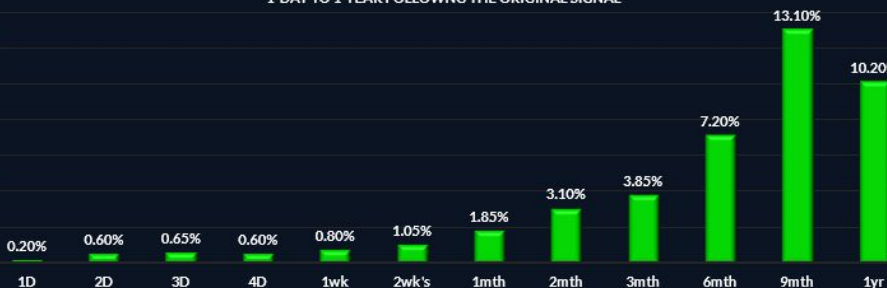
### MIN / MAX RETURNS

1-DAY TO 1-YEAR FOLLOWING THE ORIGINAL SIGNAL



### AVERAGE RETURN ANALYSIS

1-DAY TO 1-YEAR FOLLOWING THE ORIGINAL SIGNAL



### DRAWDOWN ANALYSIS

3,6 AND 12-MONTH PERIODS



# NASDAQ 100 LARGE CAP ETF (QQQ)

## PREVIOUS SOCIAL MEDIA POSTS



Riverside Analytics Inc @RiversideAnalyt · Jun 23

Nasdaq 100 seasonal tendencies for the month of July, past 20-years of Price Data.



1 3



Riverside Analytics Inc @RiversideAnalyt · Jul 9

QQQ, Price Target #1 Achieved. However the risks are rising. Divergences on technical's and breadth illustrated by arrows below. Higher risks present should QQQ rise to the 161.8% retracement at 282.05.

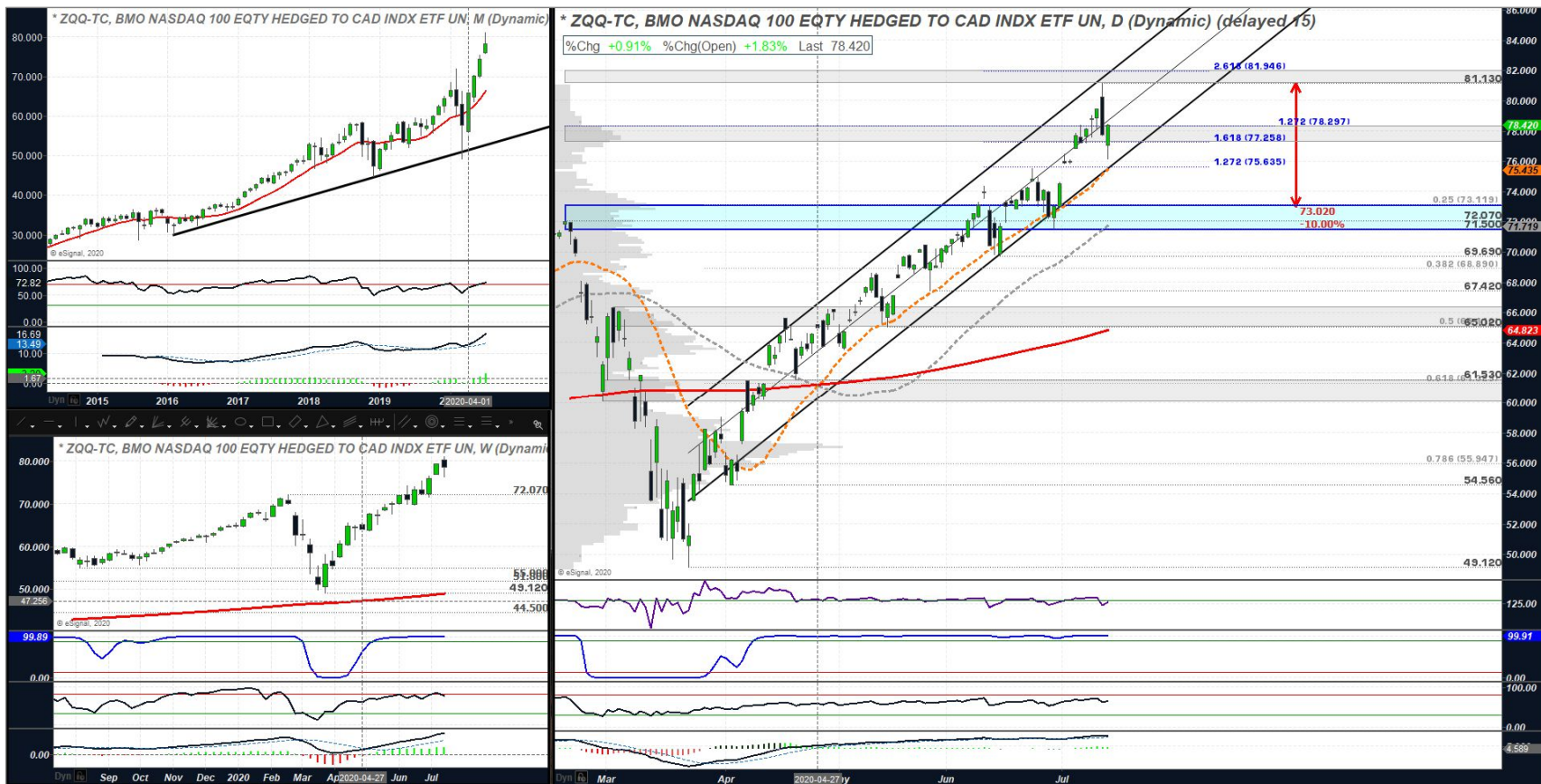


1



# BMO NASDAQ 100 EQUITY HEDGED TO CAD INDEX ETF (ZQQ-TC)

## TECHNICAL ANALYSIS





# TSX MARKET DISCUSSION

- ❖ TSX SECTOR POSITIONING
- ❖ TSX SECTOR DASHBOARD



# TORONTO STOCK EXCHANGE (\$TSX)

## SECTOR ALLOCATION VS THE WEIGHT OF THE EVIDENCE



### TSX SECTOR BREAKDOWN

MARKET MODEL RANKING (MMR) vs TSX CAP WEIGHT (%)

■ MARKET MODEL RANKING (MMR) ■ TSX SECTOR CAP WT (%)

SECTORS OUTPERFORMING THE TSX:  
= TECH, MATERIALS, STAPLES, DISCRETIONARY  
= 32.7% OF THE INDEX

TSX INDUSTRIAL SECTOR  
= 11.5% OF THE INDEX  
MMR > 50..NEEDS A PUSH

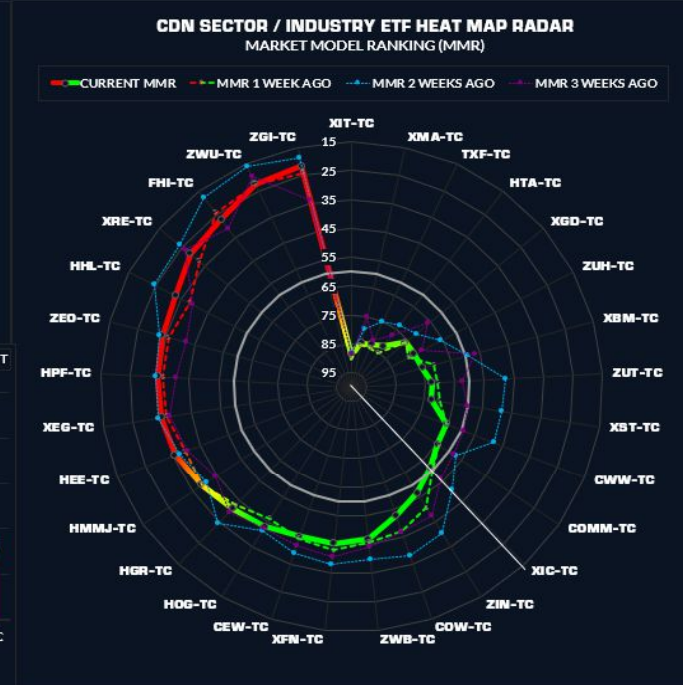
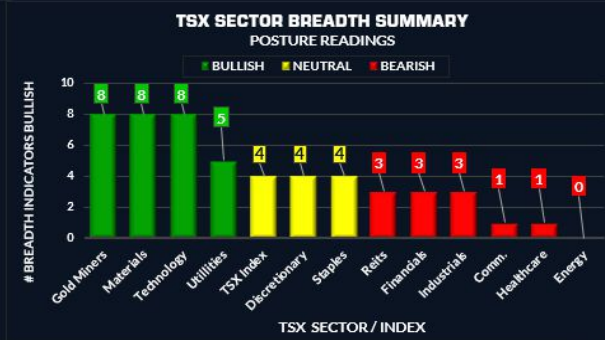
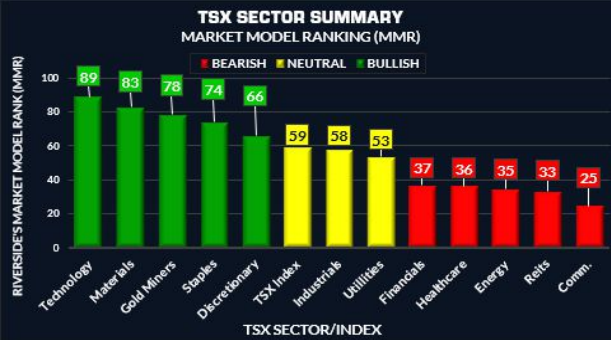
SECTORS UNDER PERFORMING THE TSX:  
= UTILITIES, ENERGY, HEALTHCARE, FINANCIALS, REITS, COMM.  
= 55.9% OF THE INDEX





# RIVERSIDE'S TSX SECTOR / INDUSTRY GROUP ANALYSIS DASHBOARD

MMR RANKING, BREADTH, VALUE, VOLATILITY, MOVEMENT DETECTION AND SEASONALITY





# US/CAD CURRENCY PAIR

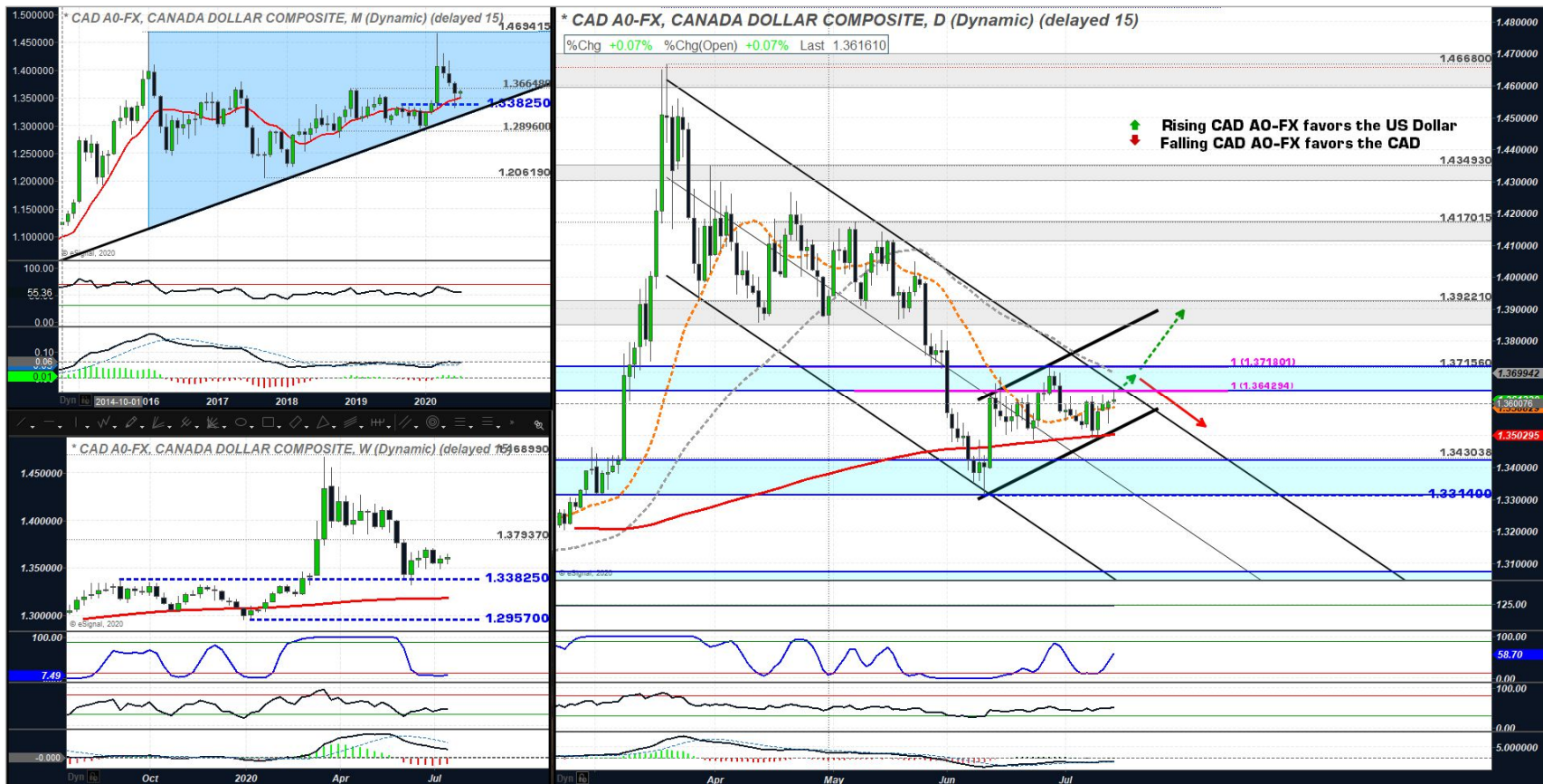
## ❖ TECHNICAL ANALYSIS

### NOTE:

eSignal CAD AO-FX = [stockcharts.com](https://stockcharts.com) \$USDCAD  
eSignal USDCAD AO-FX = [stockcharts.com](https://stockcharts.com) \$CADUSD  
The DLR-TC ETF tracks the eSignal CAD AO-FX ticker

# USD / CAD CURRENCY PAIR (CAD AO-FX)

## TECHNICAL ANALYSIS





## **SAMPLE STRATEGIES**

- ❖ STRATEGY DESCRIPTIONS
- ❖ KEY POINTS

# LONGER TERM STRATEGIES

## ASSET ALLOCATION TYPES

### BASIC MONTHLY ASSET ALLOCATION STRATEGIES

- ❖ **IVY Portfolio - Faber**
  - ❖ Five Assets, Equal Weight, Buy and Rebalance (100% Invested at all times)
- ❖ **GTAA 13 - Faber**
  - ❖ 13 Assets, Equal Weight, Buy and Rebalance (100% Invested at all times)
- ❖ **GTAA 13 Conservative - Faber**
  - ❖ 13 Assets, Defined Asset Allocation Percentages, Buy and Rebalance (100% Invested at all times)
- ❖ **GTAA 13 Moderate - Faber**
  - ❖ Defined Asset Allocation Percentages, Buy and Rebalance (100% Invested at all times)
- ❖ **GTAA 5 - Faber**
  - ❖ Equal Weight, Buy and Rebalance with a 10 month Moving average Trend Filter
- ❖ **GTAA 13 - Faber**
  - ❖ Equal Weight, Buy and Rebalance with a 10 month Moving average Trend Filter
- ❖ **GTAA 13 Agg 6 - Faber**
  - ❖ 10 month Moving average Trend Filter, select the Top 6 Assets Based on Relative Strength

### BASIC MONTHLY ASSET ALLOCATION STRATEGIES

- ❖ **GTAA 13 Agg 3 - Faber**
  - ❖ 10 month Moving average Trend Filter, select the Top 6 Assets Based on Relative Strength
- ❖ **Composite Dual Momentum - Antonacci**
  - ❖ 4 Modules, Eight Assets, Monthly ROC (12) vs BIL, select the strongest asset in each module
- ❖ **Dual Momentum (GEM) - Antonacci**
  - ❖ 3 ETF's Assets, SPY and ACWX Monthly ROC (12) vs BIL, select strongest asset
- ❖ **Dual Momentum Sector Rotation (DMSR) - Antonacci**
  - ❖ 10 ETF's Sector Monthly ROC (12) vs BIL, select the top 3 strongest ETF's
- ❖ **Dual Momentum Fixed Income (DMFI) - Antonacci**
  - ❖ 4 Bond ETF's, Monthly ROC (12) vs BIL, select the top ETF
- ❖ **Dual Momentum Fixed Income (DMFI) - Novell**
  - ❖ 8 Bond ETF's, Monthly ROC (12) vs BIL, select the top 3 ETF's
- ❖ **Trinity Portfolio - Faber**
  - ❖ 50% Strategic Asset Allocation (SAA)
  - ❖ 50% Dynamic Asset Allocation (DAA)

### ROTATION ASSET ALLOCATION STRATEGIES

- ❖ **US Beta Rotation**
  - ❖ 4 ETF's
    - ❖ VTI - US Tot. Index (Offensive)
    - ❖ XLU - Utilities (Defensive)
    - ❖ XLP - Staples (Defensive)
    - ❖ XLV - Healthcare (Defensive)
  - ❖ 3 Week ROC (XLU/VTI) - Defense/Offense
- ❖ **Lewis Glenn's Paired Switching Strategy - Glenn**
  - ❖ 2 ETF's, Monthly ROC (3), select the top ETF

### STRATEGY ALLOCATION LEGEND

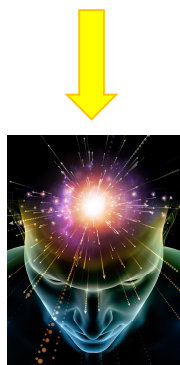
- ❖ **Strategic Asset Allocation**
- ❖ **Tactical Asset Allocation**
- ❖ **Dynamic Asset Allocation**
- ❖ **Combined Asset Allocation**
- ❖ **Rotation**

# SAMPLE PORTFOLIO STRATEGIES

## TIMEFRAMES, CURRENCIES AND COMBINATIONS

### GENERAL DISCUSSION POINTS

- ❖ A total of 16 strategies;
- ❖ All strategies are long term investment strategies;
- ❖ Transactions are based on Monthly or weekly signals.  
Reduced time in the markets;
- ❖ These are simple strategies to follow and manage;
- ❖ These strategies can be transacted on both sides of the Border (i.e US and Canada)
- ❖ It is possible to combine strategies to suit your interests!



**TIME TO BUILD A PERSONALISED  
INVESTMENT STRATEGY**

### COMBINATIONS AND PERMUTATIONS CALCULATOR

<https://stattrek.com/online-calculator/combinations-permutations.aspx>

Based on the 16 sample strategies, assuming that we were going to use 3 strategies to construct a portfolio, that produces 560 possible combinations! If we were to use 4 strategies, that's 1,820 possible combinations!

- Choose the goal of your analysis (i.e., to compute combinations or permutations).
- Enter a value in each of the unshaded text boxes.
- Click the **Calculate** button to display the result of your analysis.

Choose goal:

Number of sample points in set ( $n$ )

Number of sample points in each combination ( $r$ )

Number of combinations ( $n$  things taken  $r$  at a time)

560

# SAMPLE PORTFOLIO STRATEGY

## STRATEGIES AND ALLOCATIONS

### PORTFOLIO SHIELD



ASSET CLASS	DEFENSIVE ALLOCATION	CONSERVATIVE ALLOCATION	OFFENSIVE ALLOCATION
Domestic Equities	25	30	35
Foreign Equities	12.5	15	17.5
Real Estate	5	7.5	12.5
Commodities	2.5	5	5
Bonds	55	42.5	30
TOTAL	100	100	100
Equity Bond Ratio	45 / 55	57.5 / 42.5	70 / 30
Offense Defense Ratio	37.5 / 62.5	45 / 55	52.5 / 47.5
Total Portfolio Equity	\$1,000,000		
Offensive Allocation	\$375,000	\$450,000	\$525,000
GEM (40%)	\$150,000	\$180,000	\$210,000
GTAA_Agg.6 (60%)	\$225,000	\$270,000	\$315,000
Defensive Allocation	\$625,000	\$550,000	\$475,000
DMFI	\$625,000	\$550,000	\$475,000

### SAMPLE PORTFOLIO STRATEGY

- ❖ Directed to Mid-Life Investors;
- ❖ Diversification is obtained via strategies and asset allocations;
- ❖ The Strategies have ability to fluctuate allocations based on market sentiment;

### STRATEGY INTENTIONS

#### GLOBAL TACTICAL ASSET ALLOCATION AGGRESSIVE 6 (GTAA\_AGG\_6)

- ❖ This strategy targets strength and fluctuates with market movements.
- ❖ This strategy is intended to be fluid, diversified and has the opportunity to be both Defensive and Offensive.
- ❖ This is the strategy where I would focus the majority of efforts to be more active when/if needed.

#### GLOBAL EQUITY MOMENTUM (GEM)

- ❖ This strategy is intended to be a “steady eddie” where it is invested in the strongest equity market where applicable (US or Global or Treasury Bills).
- ❖ We can think of this strategy as a “smart buy and hold” as long as conditions are right.

#### DUAL MOMENTUM FIXED INCOME (DMFI)

- ❖ Generate Income, diversification and play defense.
- ❖ This strategy is intended to be 100% invested at all times.
- ❖ Can overlap with the GTAA\_Agg\_6 strategy



# **SAMPLE PORTFOLIO STRATEGY**

## **STRATEGIES AND ALLOCATIONS**

### **KEY NOTES**

- ❖ **THE MONTHLY STRATEGY REVIEW SESSIONS DO NOT PROVIDE ADVICE ON YOU SHOULD INVEST WITH THESE STRATEGIES;**
- ❖ **I (TIM KOEN) AM NOT AN INVESTMENT ADVISOR. I CAN NOT ADVISE YOU HOW TO INVEST YOUR CAPITAL WITH THE SAMPLE STRATEGIES;**
- ❖ **THE SAMPLE STRATEGY IS A SAMPLE STRATEGY ONLY;**
- ❖ **THE SAMPLE STRATEGY IS A MECHANICAL STRATEGY WITH SIGNALS DEVELOPED AS PER THE ORIGINAL STRATEGY RULES BY THE STRATEGY DEVELOPER;**
- ❖ **I (TIM KOEN) REVIEW THE STRATEGY SIGNALS EACH WEEK TO DETERMINE WHETHER THE STRATEGY SIGNALS ALIGN WITH THE WEIGHT OF THE EVIDENCE IN THE MARKETS. BASED ON THE WEIGHT OF THE EVIDENCE, I MAY OR MAY NOT AGREE WITH THE MECHANICAL STRATEGY RULES;**
- ❖ **IF AT ANY TIME, BASED ON THE WEIGHT OF THE EVIDENCE, I DO NOT AGREE WITH THE MECHANICAL STRATEGY RULES I WILL COMMENT ON WHAT CHANGES I WOULD DO IF I WAS MANAGING THE STRATEGY IN MY OWN INVESTMENT ACCOUNT;**
- ❖ **THE PORTFOLIO SHIELD IS A PERSONAL STRATEGY THAT I (TIM KOEN) USE TO MANAGE MY OWN INVESTMENTS;**





# RIVERSIDE'S US GTAA ETF ANALYSIS DASHBOARD

MMR RANKING, VALUE, MOVEMENT DETECTION AND SEASONALITY

DATE: 2020-07-13

## US GTAA ETF WEIGHT OF THE EVIDENCE SUMMARY

MARKET MODEL RANKING (MMR)

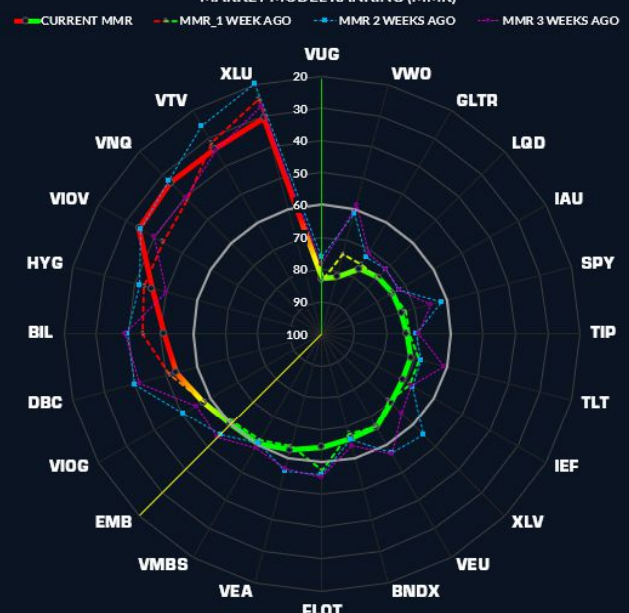


## US GTAA ETF VALUE CHART



## US GTAA ETF HEAT MAP RADAR

MARKET MODEL RANKING (MMR)



## US GTAA ETF SEASONALITY SUMMARY

SEASONALITY CHART - JULY IN FOCUS





**CDN GTAA ETF WEIGHT OF THE EVIDENCE SUMMARY**

MARKET MODEL RANKING (MMR)

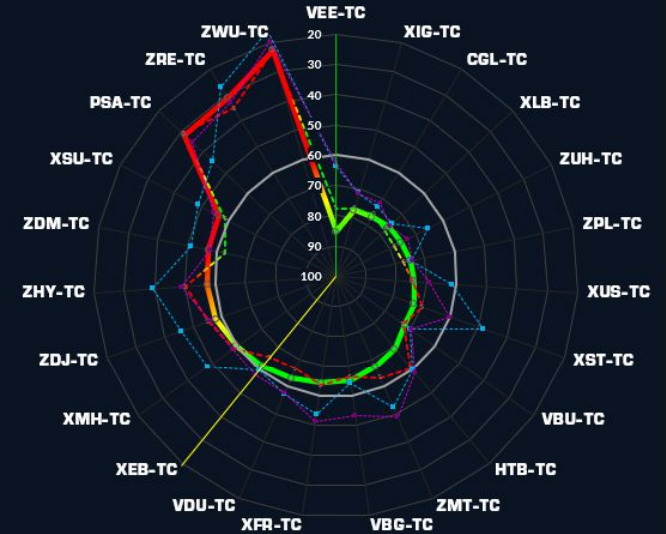
BEARISH NEUTRAL BULLISH



**CDN GTAA ETF HEAT MAP RADAR**

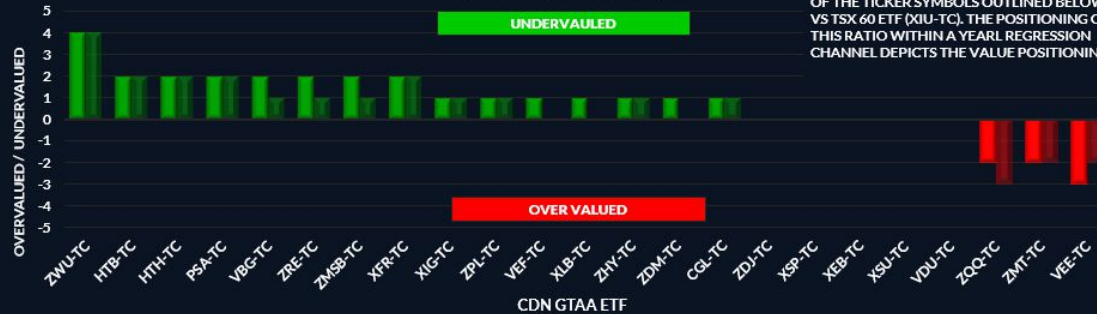
MARKET MODEL RANKING (MMR)

CURRENT MMR MMR\_1 WEEK AGO MMR 2 WEEKS AGO MMR 3 WEEKS AGO



**CDN GTAA ETF VALUE CHART**

NOTE: VALUE IS DETERMINED BY THE RATIO OF THE TICKER SYMBOLS OUTLINED BELOW VS TSX 60 ETF (XIU-TC). THE POSITIONING OF THIS RATIO WITHIN A YEARLY REGRESSION CHANNEL DEPICTS THE VALUE POSITIONING



**CDN GTAA ETF SEASONALITY SUMMARY**

SEASONALITY CHART - JULY IN FOCUS

JUL POSITIVE CASES (%) JUL AVERAGE RETURN (%)





## **RIVERSIDE'S PORTFOLIO SHIELD**

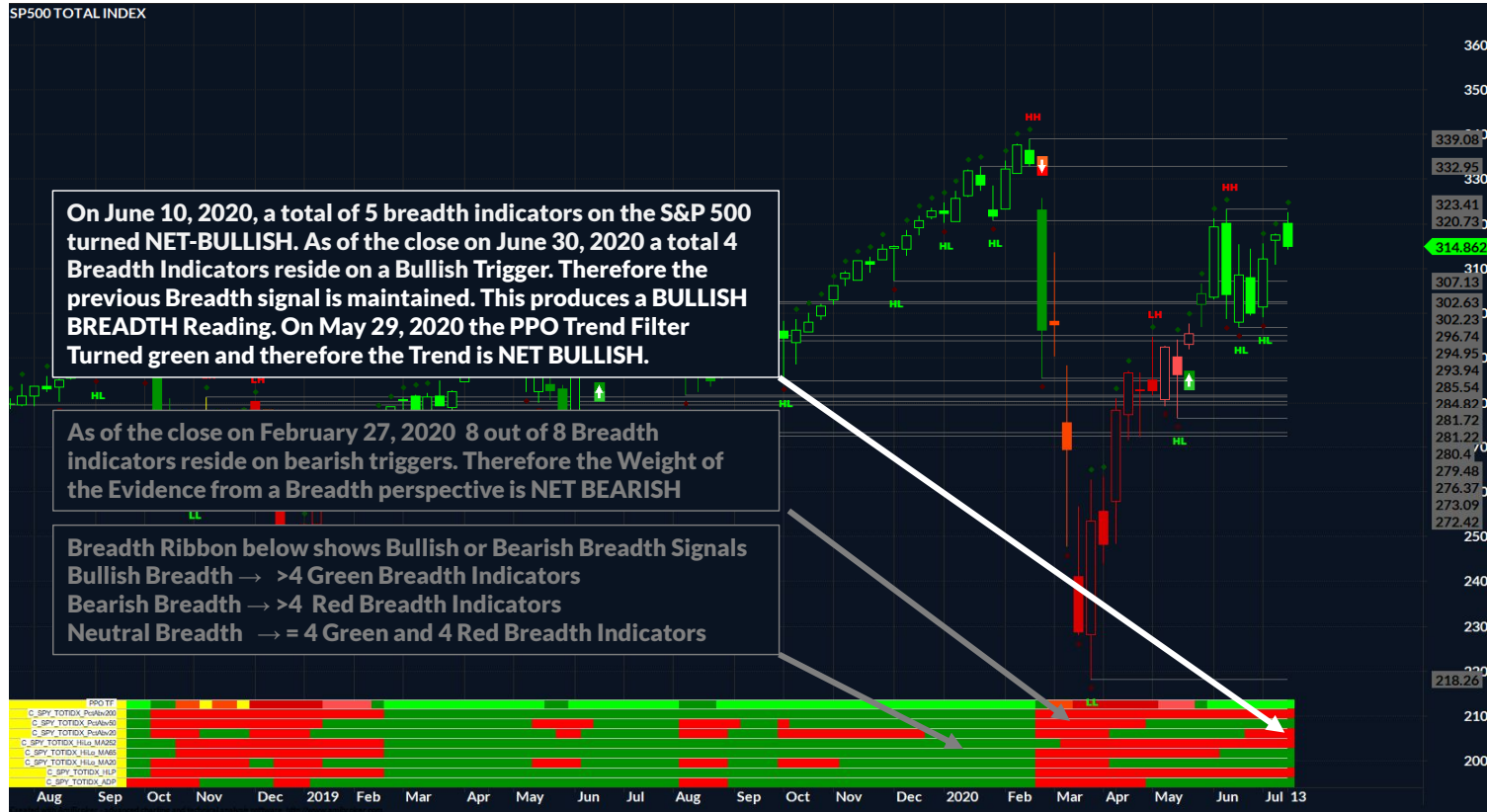
- ❖ **SHIELD COMPOSITION**
  - ❖ **MARKET TREND**
  - ❖ **MARKET BREADTH**

**NOTE: THE PORTFOLIO SHIELD IS LONGER TERM, INVESTMENT GEARED AND MAY NOT REFLECT SHORT TO MID TERM MARKET CONDITIONS**

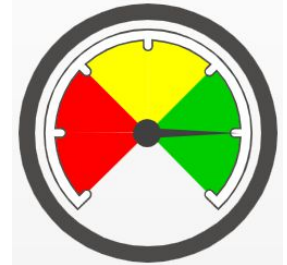
# S&P 500 LARGE CAP INDEX ETF (SPY)

MARKET BREADTH - **BINARY VIEW**

DATE → JULY 13, 2020



## PORTFOLIO SHIELD



TREND → BULLISH  
BREADTH → BULLISH

THE S&P 500 SHIELD  
RESIDES IN AN OFFENSIVE  
POSTURE.



# PORTFOLIO SHIELD

ALLOCATIONS THROUGH MARKET TRANSITIONS  
BREADTH AND TREND BASED

L.T AND I.T TREASURIES  
CORP BONDS  
INTL. BONDS  
GOLD AND SILVER  
US AND CDN GOLD MINERS  
EURO  
US HEALTHCARE  
US AND CDN TECH  
NASDAQ 100  
US COMMUNICATIONS  
US AND CDN MATERIALS  
US LARGE CAP GROWTH  
ALL WORD EX US  
EMERGING MARKETS

## OFFENSIVE PORTFOLIO ALLOCATION

100 % ALLOCATIONS PERMITTED  
Equities - Bullish Trend AND Breadth  
Other Assets - Bullish Trend AND Cs. Momentum

MAX 75 % ALLOCATION (+50%)  
Equities - Bullish Trend OR Breadth  
Other Assets - Trend OR Cs. Momentum

MAX 50% ALLOCATION (-50%)  
Equities - Bearish Trend OR Breadth  
Other Assets - Trend OR Cs. Momentum

MAX 25 % ALLOCATIONS PERMITTED  
Equities - Bearish Trend AND Breadth  
Other Assets - Bearish Trend AND Cs. Momentum

## DEFENSIVE PORTFOLIO ALLOCATION

### (CONSERVATIVE PORTFOLIO ALLOCATION)

BEAR to BULL Transition

DOW JONES LARGE CAP  
S&P 500 LARGE CAP INDEX  
TSX  
US AND CDN INDUSTRIALS  
US MID CAP GROWTH  
US AND CDN CYCLICALS  
US REITS  
EFA MARKETS  
S&P 400 MID CAP INDEX  
CDN UTILITIES  
EMERGING MKT BONDS

### (CONSERVATIVE PORTFOLIO ALLOCATION)

BULL to BEAR Transition

S&P 600  
HIGH YIELD BONDS  
US DOLLAR

ALL OTHER SECTORS NOT LISTED AT THE LEFT SIDE OF THE SHIELD





# **SAMPLE STRATEGY REVIEW**

## **❖ JULY 2020 ALLOCATION**

- ❖ GTAA\_AGG\_6**
- ❖ GLOBAL EQUITY MOMENTUM (GEM)**
- ❖ DUAL MOMENTUM FIXED INCOME (DMFI)**

**THE FOLLOWING SLIDES ILLUSTRATE THE STRATEGY ALLOCATIONS FOR THE STRATEGIES AS NOTED ABOVE  
WITH RIVERSIDE'S PORTFOLIO SHIELD**

# MECHANICAL ALLOCATION

## SAMPLE PORTFOLIO STRATEGY

SIGNAL DATE: JUNE 30, 2020 → STRATEGY ALLOCATION FOR JULY 2020

### PORTFOLIO SHIELD



ASSET CLASS	DEFENSIVE ALLOCATION	CONSERVATIVE ALLOCATION	OFFENSIVE ALLOCATION
Domestic Equities	25	30	35
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### ALLOCATION FOR THE MONTH OF JULY 2020

❖ SAMPLE PORTFOLIO EQUITY = \$1,000,000

#### ❖ SHIELD METRICS

❖ S&P 500 TREND = **BULLISH**

❖ S&P 500 BREADTH = **BULLISH**

❖ SHIELD POSTURE → **OFFENSIVE**

❖ **ALLOCATION** - Offense / Defense Ratio = 52.5 / 47.5 as per above

❖ The US Dollar is weaker than the CAD (longer term) therefore Hedged ETF's are shown;

❖ Total ETF'S Invested for JULY 2020 = 10 ETF'S

### OFFENSIVE PORTFOLIO ALLOCATION

❖ GTAA\_Agg\_6 - Total Allocation (\$270,000 or 27%)

❖ US ETF'S - VUG, IAU, TLT, LQD, IEF, VWO

❖ CDN ETF'S - ZQQ-TC, CGL-TC, ZPL-TC, XIG-TC, HTH-TC, VEE-TC

❖ GEM signal - Total Allocation (\$180,000 or 18%)

❖ US ETF'S - SPY

❖ CDN ETF'S - XSP-TC

### DEFENSIVE PORTFOLIO ALLOCATION

❖ Dual Momentum Fixed Income (DMFI) (\$625,000 or 62.5%)

❖ US ETF'S - TLT, IEF, GLTR

❖ CDN ETF'S - ZPL-TC, HTH-TC, (1/2 CGL-TC, 1/2 SVR-TC)







# **SAMPLE STRATEGY REVIEW**

❖ **PRIOR MONTH MECHINCAL ALLOCATION**

❖ **JUNE 2020**

# MECHANICAL ALLOCATION

## SAMPLE PORTFOLIO STRATEGY

SIGNAL DATE: MAY 29, 2020 → STRATEGY ALLOCATION FOR JUNE 2020

### PORTFOLIO SHIELD



ASSET CLASS	DEFENSIVE ALLOCATION	CONSERVATIVE ALLOCATION	OFFENSIVE ALLOCATION
Domestic Equities	25	30	35
Foreign Equities	12.5	15	17.5
Real Estate	5	7.5	12.5
Commodities	2.5	5	5
Bonds	55	42.5	30
TOTAL	100	100	100
Equity Bond Ratio	45 / 55	57.5 / 42.5	70 / 30
Offense Defense Ratio	37.5 / 62.5	45 / 55	52.5 / 47.5
Total Portfolio Equity	\$1,000,000		
Offensive Allocation	\$375,000	\$450,000	\$525,000
GEM (40%)	\$150,000	\$180,000	\$210,000
GTAA_Agg.6 (60%)	\$225,000	\$270,000	\$315,000
Defensive Allocation	\$625,000	\$550,000	\$475,000
DMFI	\$625,000	\$550,000	\$475,000

### ALLOCATION FOR THE MONTH OF JUNE 2020

❖ SAMPLE PORTFOLIO EQUITY = \$1,000,000

#### ❖ SHIELD METRICS

❖ S&P 500 TREND = **BULLISH**

❖ S&P 500 BREADTH = **BEARISH**

❖ SHIELD POSTURE → **CONSERVATIVE**

❖ ALLOCATION - Offense / Defense Ratio = 45 / 55 as per above

❖ The US Dollar remains stronger than the CAD (longer term) therefore Un-Hedged ETF's are shown;

❖ Total ETF'S Invested for MAY 2020 = 10 ETF's

### OFFENSIVE PORTFOLIO ALLOCATION

Note: Only Full positions have been shown in black, partial positions shown in magenta

❖ GTAA\_Agg.6 - Total Allocation (\$270,000 or 27%)

❖ US ETF's - TLT, IAU, IEF, BNDX, LQD, VUG (1/2 POSITION)

❖ CDN ETF's - ZPL-TC, CGL-TC, HTB-TC, VBG-TC, XIG-TC, ZQQ-TC (1/2 POSITION)

❖ GEM signal - Total Allocation (\$180,000 or 18%)

❖ US ETF's - SPY (1/2 POSITION), BIL (1/2 POSITION)

❖ CDN ETF's - XUS-TC (1/2 POSITION), PSA-TC OR CMR-TC (1/2 POSITION)

### DEFENSIVE PORTFOLIO ALLOCATION

❖ Dual Momentum Fixed Income (DMFI) (\$625,000 or 62.5%)

❖ US ETF's - TLT, GLTR, IEF

❖ CDN ETF's - ZPL-TC, CGL-TC, HTB-TC





# **SAMPLE STRATEGY REVIEW**

## **❖ JUNE 2020 ALLOCATION**

- ❖ GTAA\_AGG\_6**
- ❖ GLOBAL EQUITY MOMENTUM (GEM)**
- ❖ DUAL MOMENTUM FIXED INCOME (DMFI)**

**THE FOLLOWING SLIDES ILLUSTRATE THE MECHANICAL STRATEGY ALLOCATIONS FOR THE STRATEGIES AS NOTED ABOVE  
THESE SIGNALS DO NOT INCLUDE RIVERSIDE'S PORTFOLIO SHIELD**

# MONTHLY CHART TEMPLATE

STOCKCHARTS.COM CANDLE GLANCE VIEW  
APPLICABLE TO MOST MONTHLY STRATEGIES



Monthly Price Bars (**BLACK**)  
10-Month Simple Moving Average (**RED**)

Rate of Change (ROC)  
1,3,6,12 month look back periods  
Relative Strength (RS) = [ ROC(1) + ROC(3) + ROC(6) + ROC(12) ] / 4

# GLOBAL TACTICAL ASSET ALLOCATION → AGGRESSIVE 6 (GTAA\_AGG\_6)

SAMPLE PORTFOLIO STRATEGY  
SIGNAL DATE: JUNE 30, 2020 → STRATEGY ALLOCATION FOR JULY 2020



# GLOBAL TACTICAL ASSET ALLOCATION → AGGRESSIVE 6 (GTAA\_AGG\_6)

## MECHANICAL ALLOCATION

SIGNAL DATE: JUNE 30, 2020 → STRATEGY ALLOCATION FOR JULY 2020

### GLOBAL TACTICAL ASSET ALLOCATION (GTAA\_13\_Agg\_6) - OFFENSIVE / GROWTH PORTFOLIO - 60% of OFFENSIVE Portfolio

STRATEGY RULES Portfolio Shield plus Select the Top 6 Assets Based on RS with a 10 month Moving average Trend Filter												Total Strategy Allocation	\$1,000,000
Rank	US ETF	Asset ETF Category	CDN ETF Hedged	CDN ETF Un-Hedged	Static Allocation %	TREND FILTER Close > 10 Month MA Signal	Abs_Mom 1mth	Abs_Mom 3mth	Abs_Mom 6mth	Abs_Mom 12mth	Avg Return (RS)	Allocation %	\$ ALLOCATION
1	VUG	US Large Cap Growth (VUG)	ZQ-TC	NONE	16.67		4.90	29.25	11.46	24.91	17.63	16.67	\$ 166,666.60
2	IAU	Gold (IAU)	CGL-TC	CGLC-TC	16.67		2.78	12.74	17.17	25.85	14.64	16.67	\$ 166,666.60
3	TLT	US Long Term Treasuries (TLT)	ZPL-TC	NONE	16.67		0.34	-0.23	21.87	25.89	11.97	16.67	\$ 166,666.60
4	LQD	US Investment Grade (Corporate)	XIG-TC	NONE	16.67		2.13	9.71	6.45	11.63	7.48	16.67	\$ 166,666.60
5	IEF	US Intermediate Term Treasuries (IEF)	HTH-TC	HTB-TC	16.67		0.04	0.65	11.21	12.65	6.14	16.67	\$ 166,666.60
6	VWO	Emerging Markets (VWO)	VEE-TC	NONE	16.67		6.48	18.57	-10.38	-3.91	2.69	16.67	\$ 166,666.60
7	VIOG	US Small Cap Growth (VIOG)	NONE	XSU-TC	16.67		3.78	23.55	-11.51	-5.70	2.53		
8	BNDX	International Bonds (BNDX)	VBG-TC	NONE	16.67		0.54	2.87	2.45	4.14	2.50		
9	VEA	European Equities (VEA)	ZDM-TC	ZEA-TC	16.67		3.50	16.94	-11.12	-4.53	1.20		
10	VNQ	US Real Estate (VNQ)	ZRE-TC	XRE-TC	16.67		2.42	13.54	-13.86	-6.83	-1.18		
11	VTV	US Large Cap Value (VTV)	ZDJ-TC	NONE	16.67		-1.01	12.71	-15.50	-7.47	-2.82		
12	VIOV	US Small Cap Value (VIOV)	NONE	XMH-TC	16.67		3.66	21.24	-24.32	-17.23	-4.16		
13	DBC	Commodity Basket (DBC)	ZMT-TC	CCX-TC	16.67		4.50	9.42	-22.82	-20.49	-7.35		
<b>Total % Invested for Next Month JULY 2020</b>												<b>100</b>	<b>\$ 1,000,000</b>

#### STRATEGY RULES

- 1) Calculate the 1, 3, 6 and 12 month rate of change (ROC).
- 2) Calculate the Avg Return → Relative Strength
- 3) Determine if assets are above or below their 10-month moving average

#### STRATEGY RULES (Cont'd)

- 4) Rank Assets based on their Relative Strength
- 5) Select the Top Six Assets
- 6) Calculate Position Sizing based on Portfolio Shield Metrics



# GLOBAL EQUITY MOMENTUM (GEM)

## MECHANICAL ALLOCATION

SIGNAL DATE: JUNE 30, 2020 → STRATEGY ALLOCATION FOR JULY 2020



### GLOBAL EQUITY MOMENTUM (GEM) - OFFENSIVE / GROWTH PORTFOLIO - 40% of OFFENSIVE Portfolio

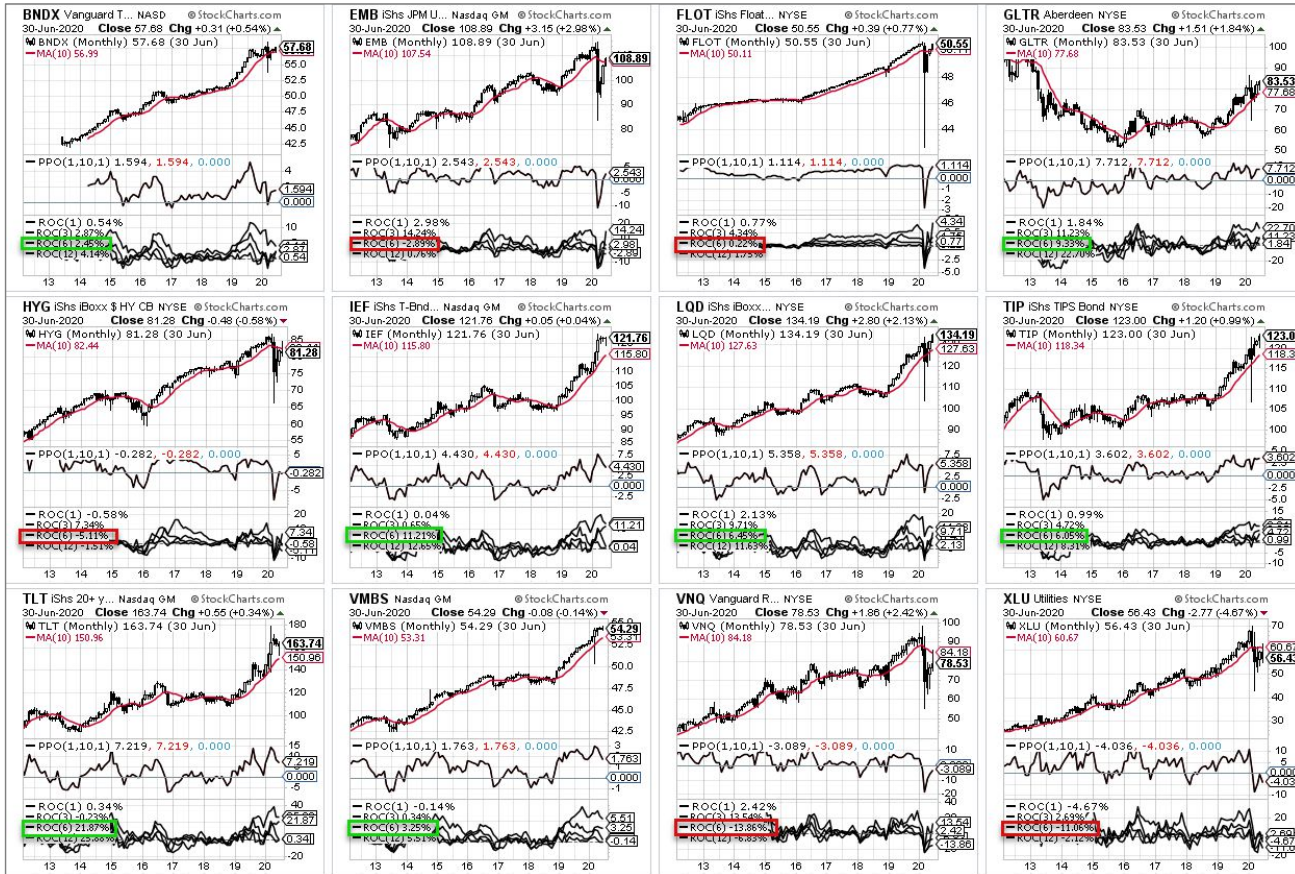
						Total Strategy Allocation	\$1,000,000
Rank	US ETF	Asset ETF Category	CDN ETF-H	CDN ETF-UH	Abs_Mom 12mth	Allocation %	\$ ALLOCATION
1	SPY	S&P 500 Large Cap Index ETF	XSP-TC	XUS-TC	7.34	100.00	\$1,000,000
3	VEU	All World Ex-US Equities	VEF-TC	VDU-TC	-4.19		
2	BIL	T-Bills	PSA-TC	CMR-TC	1.31		
<b>Total % Invested for Next Month JULY 2020</b>						<b>100</b>	<b>\$ 1,000,000.00</b>



# DUAL MOMENTUM FIXED INCOME (DMFI)

## MECHANICAL ALLOCATION

SIGNAL DATE: JUNE 30, 2020 → STRATEGY ALLOCATION FOR JULY 2020





# DUAL MOMENTUM FIXED INCOME (DMFI)

## MECHANICAL ALLOCATION

SIGNAL DATE: JUNE 30, 2020 → STRATEGY ALLOCATION FOR JULY 2020

DUAL MOMENTUM FIXED INCOME (DMFI) - DEFENSIVE / INCOME PORTFOLIO							
STRATEGY RULES Portfolio Shield plus Select the Top 3 Assets Based on 6month Dual Momentum.						Total Strategy Allocation	\$1,000,000
Rank	US ETF	Asset ETF Category	CDN ETF-H	CDN ETF-UH	Abs_Mom 6mth	Allocation %	\$ ALLOCATION
1	TLT	US Long Term Treasuries	ZPL-TC	ZTL-TC	21.87	33.33	\$333,300
2	IEF	US Intermediate Term Treasuries	HTB-TC	ZTM-TC	11.21	33.33	\$333,300
3	GLTR	Precious Metals	CGL-TC	SVR-TC	9.33	33.33	\$333,300
4	LQD	US Investment Grade (Corporate)	XIG-TC		6.45		
5	TIP	US Treasury Inflation Protected Securities (TIPS)	XLB-TC		6.05		
6	VMBS	US Mortgage Backed Securities	ZMSB-TC		3.25		
7	BNDX	International Bonds	VBG-TC		2.45		
8	BIL	T-Bills	PSA-TC	CMR-TC	0.41		
9	FLOT	Floating Rate Bonds	XFR-TC		0.22		
10	EMB	Emerging Market Bonds	XEB-TC		-2.89		
11	HYG	US High Yield	ZHY-TC		-5.11		
12	XLU	Utilities	ZWU-TC	ZUT-TC	-11.06		
13	VNQ	US Real Estate (VNQ)	ZRE-TC	XRE-TC	-13.86		
Total % Invested for Next Month JULY 2020						100	\$ 999,900.00





# **SAMPLE STRATEGY REVIEW**

## **❖ JULY 2020 ALLOCATION**

- ❖ GTAA\_AGG\_6**
- ❖ GLOBAL EQUITY MOMENTUM (GEM)**
- ❖ DUAL MOMENTUM FIXED INCOME (DMFI)**

**THE FOLLOWING SLIDES ILLUSTRATE THE STRATEGY ALLOCATIONS FOR THE STRATEGIES AS NOTED ABOVE  
WITH RIVERSIDE'S PORTFOLIO SHIELD**

# GLOBAL TACTICAL ASSET ALLOCATION → AGGRESSIVE 6 (GTAA\_AGG\_6)

## MECHANICAL ALLOCATION

SIGNAL DATE: JUNE 30, 2020 → STRATEGY ALLOCATION FOR JULY 2020

### GLOBAL TACTICAL ASSET ALLOCATION (GTAA\_13\_Agg\_6) - OFFENSIVE / GROWTH PORTFOLIO - 60% of OFFENSIVE Portfolio

#### STRATEGY RULES

Portfolio Shield plus Select the Top 6 Assets Based on RS with a 10 month Moving average Trend Filter

#### PORTFOLIO SHIELD POSTURE

OFFENSIVE

\$315,000

Rank	US ETF	Asset ETF Category	CDNETF Hedged	CDNETF Un-Hedged	Static Allocation %	TREND FILTER Close > 10 Month MA Signal	Abs_Mom 1mth	Abs_Mom 3mth	Abs_Mom 6mth	Abs_Mom 12mth	Avg Return (RS)	BREADTH	SHIELD	SHIELD MAX ALLOCATION (% PER POSITION)	Allocation %	\$ ALLOCATION
1	VUG	US Large Cap Growth (VUG)	ZQQ-TC	NONE	16.67		4.90	29.25	11.46	24.91	17.63		PASS	100	16.67	\$ 52,499.98
2	IAU	Gold (IAU)	CGL-TC	CGL-C-TC	16.67		2.78	12.74	17.17	25.85	14.64		PASS	100	16.67	\$ 52,499.98
3	TLT	US Long Term Treasuries (TLT)	ZPL-TC	ZTL-TC	16.67		0.34	-0.23	21.87	25.89	11.97		PASS	100	16.67	\$ 52,499.98
4	LQD	US Investment Grade (Corporate)	XIG-TC	NONE	16.67		2.13	9.71	6.45	11.63	7.48		PASS	100	16.67	\$ 52,499.98
5	IEF	US Intermediate Term Treasuries (IEF)	HTH-TC	HTB-TC	16.67		0.04	0.65	11.21	12.65	6.14		PASS	100	16.67	\$ 52,499.98
6	VWO	Emerging Markets (VWO)	VEE-TC	NONE	16.67		6.48	18.57	-10.38	-3.91	2.69		PASS	100	16.67	\$ 52,499.98
7	VIOG	US Small Cap Growth (VIOG)	NONE	XSU-TC	16.67		3.78	23.55	-11.51	-5.70	2.53		FAIL	25		
8	BNDX	International Bonds (BNDX)	VBG-TC	NONE	16.67		0.54	2.87	2.45	4.14	2.50		PASS	100		
9	VEA	European Equities (VEA)	ZDM-TC	ZEA-TC	16.67		3.50	16.94	-11.12	-4.53	1.20		PASS	100		
10	VNQ	US Real Estate (VNQ)	ZRE-TC	XRE-TC	16.67		2.42	13.54	-13.86	-6.83	-1.18		FAIL	25		
11	VTV	US Large Cap Value (VTV)	ZDJ-TC	NONE	16.67		-1.01	12.71	-15.50	-7.47	-2.82		FAIL	25		
12	VIOV	US Small Cap Value (VIOV)	NONE	XMH-TC	16.67		3.66	21.24	-24.32	-17.23	-4.16		FAIL	25		
13	DBC	Commodity Basket (DBC)	ZMT-TC	CCX-TC	16.67		4.50	9.42	-22.82	-20.49	-7.35		FAIL	25		
<b>Total % Invested for Next Month JULY 2020</b>															<b>100</b>	<b>\$ 315,000</b>

#### STRATEGY RULES

- 1) Calculate the 1, 3, 6 and 12 month rate of change (ROC).
- 2) Calculate the Avg Return → Relative Strength
- 3) Determine if assets are above or below their 10-month moving average

#### STRATEGY RULES (Cont'd)

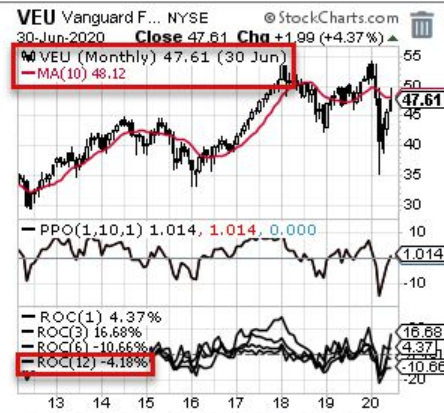
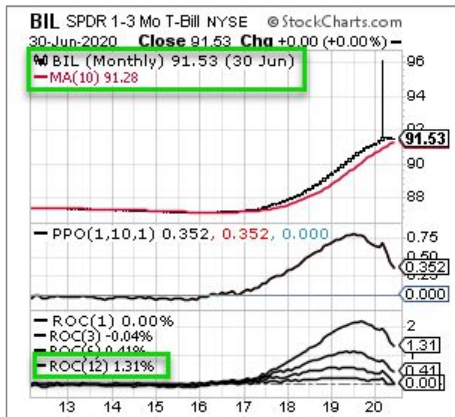
- 4) Rank Assets based on their Relative Strength
- 5) Select the Top Six Assets
- 6) Calculate Position Sizing based on Portfolio Shield Metrics



# GLOBAL EQUITY MOMENTUM (GEM)

## MECHANICAL ALLOCATION

SIGNAL DATE: JUNE 30, 2020 → STRATEGY ALLOCATION FOR JULY 2020



### GLOBAL EQUITY MOMENTUM (GEM) - OFFENSIVE / GROWTH PORTFOLIO - 40% of OFFENSIVE Portfolio

#### STRATEGY RULES

Determine the 12-Month Rate of Change for SPY and VEU. Select the stronger asset. If the 12-Month Rate of Change for the stronger asset is greater than the 12-Month Rate of Change of BIL, the stronger asset is held for the following month. If not, BIL is held for the following month.

PORTFOLIO SHIELD POSTURE

OFFENSIVE

\$210,000

Rank	US ETF	Asset ETF Category	CDN ETF-H	CDN ETF-UH	Static Allocation %	TREND FILTER Close > 10 Month MA Signal	Abs_Mom 1mth	Abs_Mom 3mth	Abs_Mom 6mth	Abs_Mom 12mth	Avg Return (RS)	BREADTH	SHIELD	SHIELD MAX ALLOCATION (% PER POSITION)	Allocation %	\$ ALLOCATION
1	SPY	S&P 500 Large Cap Index ETF	XSP-TC	XJUS-TC	100					7.34			PASS	100	100.00	\$210,000
3	VEU	All World Ex-US Equities	VEF-TC	VDU-TC	100					-4.19			PASS	100		
2	BIL	T-Bills	PSA-TC	CMR-TC	100					1.31			PASS	100	0.00	\$0
<b>Total % Invested for Next Month JULY 2020</b>															<b>100</b>	<b>\$ 210,000.00</b>



# DUAL MOMENTUM FIXED INCOME (DMFI)

## MECHANICAL ALLOCATION

SIGNAL DATE: JUNE 30, 2020 → STRATEGY ALLOCATION FOR JULY 2020

### DUAL MOMENTUM FIXED INCOME (DMFI) - DEFENSIVE / INCOME PORTFOLIO

#### STRATEGY RULES

Portfolio Shield plus Select the Top 3 Assets Based on 6month Dual Momentum. Look for overlap with the GTAA\_13 Agg 6, use discretion to weed out overlap.

#### PORTFOLIO SHIELD POSTURE

OFFENSIVE

\$475,000

Rank	USETF	Asset ETF Category	CDN ETF-H	CDN ETF-UH	Static Allocation %	TREND FILTER Close > 10 Month MA Signal	Abs_Mom 1mth	Abs_Mom 3mth	Abs_Mom 6mth	Abs_Mom 12mth	Avg Return (RS)	BREADTH	SHIELD	SHIELD MAX ALLOCATION (% PER POSITION)	Allocation %	\$ ALLOCATION
1	TLT	US Long Term Treasuries	ZPL-TC	ZTL-TC	33.33				21.87				PASS	100	33.33	\$158,318
2	IEF	US Intermediate Term Treasuries	HTB-TC	ZTM-TC	33.33				11.21				PASS	100	33.33	\$158,318
3	GLTR	Precious Metals	CGL-TC	SVR-TC	33.33				9.33				PASS	100	33.33	\$158,318
4	LQD	US Investment Grade (Corporate)	XIG-TC		33.33				6.45				PASS	100		
5	TIP	US Treasury Inflation Protected Securities (TIPS)	XLB-TC		33.33				6.05				PASS	100		
6	VMBS	US Mortgage Backed Securities	ZMSB-TC		33.33				3.25				PASS	100		
7	BNDX	International Bonds	VBG-TC		33.33				2.45				PASS	100		
8	BIL	T-Bills	PSA-TC	CMR-TC	33.33				0.41				PASS	100		
9	FLOT	Floating Rate Bonds	XFR-TC		33.33				0.22				FAIL	25		
10	EMB	Emerging Market Bonds	XEB-TC		33.33				-2.89				FAIL	25		
11	HYG	US High Yield	ZHY-TC		33.33				-5.11				FAIL	50		
12	XLU	Utilities	ZWU-TC	ZUT-TC	33.33				-11.06				FAIL	25		
13	VNQ	US Real Estate (VNQ)	ZRE-TC	XRE-TC	33.33				-13.86				FAIL	25		
<b>Total % Invested for Next Month JULY 2020</b>															<b>100</b>	<b>\$ 474,953</b>



# MECHANICAL ALLOCATION

## SAMPLE PORTFOLIO STRATEGY

SIGNAL DATE: JUNE 30, 2020 → STRATEGY ALLOCATION FOR JULY 2020

### PORTFOLIO SHIELD



ASSET CLASS	DEFENSIVE ALLOCATION	CONSERVATIVE ALLOCATION	OFFENSIVE ALLOCATION
Domestic Equities	25	30	35
Foreign Equities	12.5	15	17.5
Real Estate	5	7.5	12.5
Commodities	2.5	5	5
Bonds	55	42.5	30
TOTAL	100	100	100
Equity Bond Ratio	45 / 55	57.5 / 42.5	70 / 30
Offense Defense Ratio	37.5 / 62.5	45 / 55	52.5 / 47.5
Total Portfolio Equity	\$1,000,000		
Offensive Allocation	\$375,000	\$450,000	\$525,000
GEM (40%)	\$150,000	\$180,000	\$210,000
GTAA_Agg.6 (60%)	\$225,000	\$270,000	\$315,000
Defensive Allocation	\$625,000	\$550,000	\$475,000
DMFI	\$625,000	\$550,000	\$475,000

### ALLOCATION FOR THE MONTH OF JULY 2020

❖ SAMPLE PORTFOLIO EQUITY = \$1,000,000

#### ❖ SHIELD METRICS

❖ S&P 500 TREND = **BULLISH**

❖ S&P 500 BREADTH = **BULLISH**

❖ SHIELD POSTURE → **OFFENSIVE**

❖ **ALLOCATION** - Offense / Defense Ratio = 52.5 / 47.5 as per above

❖ The US Dollar is weaker than the CAD (longer term) therefore Hedged ETF's are shown;

❖ Total ETF'S Invested for JULY 2020 = 10 ETF'S

### OFFENSIVE PORTFOLIO ALLOCATION

❖ GTAA\_Agg\_6 - Total Allocation (\$270,000 or 27%)

❖ US ETF'S - VUG, IAU, TLT, LQD, IEF, VWO

❖ CDN ETF'S - ZQQ-TC, CGL-TC, ZPL-TC, XIG-TC, HTH-TC, VEE-TC

❖ GEM signal - Total Allocation (\$180,000 or 18%)

❖ US ETF'S - SPY

❖ CDN ETF'S - XSP-TC

### DEFENSIVE PORTFOLIO ALLOCATION

❖ Dual Momentum Fixed Income (DMFI) (\$625,000 or 62.5%)

❖ US ETF'S - TLT, IEF, GLTR

❖ CDN ETF'S - ZPL-TC, HTH-TC, (1/2 CGL-TC, 1/2 SVR-TC)





## **PRODUCT OFFERINGS**

- ❖ **INVESTOR MASTER CLASS**
- ❖ **STANDARD MEMBERSHIP**
- ❖ **PREMIUM MARKET BREADTH**
- ❖ **SEASONALITY PROFIT EXPLORER**
- ❖ **ULTIMATE MEMBERSHIP**

# RIVERSIDE'S INVESTORS MASTER CLASS

## PRODUCT OFFERING

### RIVERSIDE'S INVESTORS MASTER CLASS

Our goal at Riverside Analytics, is to not only help grow and protect your capital but to help you become a better investor. Whether you are just starting your investment career or are currently a seasoned investor, the Riverside Analytics Educational Series has something for you. The intention of the Investor Master Class is to outline the framework of methodology we use at Riverside Analytics on a week to week basis and show you how you can create your own personal Trading/Investment Plan to suit your needs. From this class you will be able to navigate the markets much more efficiently and use the Weight of the Evidence to your advantage.

Riverside's Investor Master Class contains 16+ hours of content geared towards helping investors create and implement a defined Investment Plan. This class is a Premium feature at Riverside and add on to Annual or Quarterly Membership structure.

- ❖ Module #1 – Investor Psychology, Getting To Know The Investor In You;
- ❖ Module #2 – Portfolio Methodology Overview;
- ❖ Module #3 – Technical Indicator Overview;
- ❖ Module #4 – Building Your Investment Plan;

#### **Annual Registration = \$995**

(registrants may sit in and take the class as many times as it's offered in the calendar year they have purchased the course)

#### **Renewal= \$99/year**

(if a previous member has taken the class in the past, the renewal fee will be applied provided they can provide a proof of receipt of the class)





# RIVERSIDE'S STANDARD MEMBERSHIP

## PRODUCT OFFERING

### RIVERSIDE'S STANDARD MEMBERSHIP INCLUDES THE FOLLOWING;

The Standard Membership content is Investment geared and focused on the Global Markets (Equities, Bonds, Currencies and Commodities). The standard Riverside Membership has flexible quarterly and annual membership billing cycles that include the following;

- ❖ Monthly Strategy and Allocation Review;
- ❖ Monthly Macro Indicator Review;
- ❖ Weekly and Monthly Portfolio Shield review using Riverside's proprietary indicators;
- ❖ Weekly Market Sentiment Review;
- ❖ Member ticker symbol analysis review;
- ❖ Access to the Riverside's Standard Heat Map issued twice each week. The Heat Map may be downloaded in Microsoft excel format to download for your personal use;
- ❖ Access to Riverside's Market Radar Detection;
- ❖ Weekly Major Index and Sector Market Breadth Analysis (Binary);
- ❖ Access to the Riverside Blog;
- ❖ Access to various backtests (Strategies, Historical price behavior);
- ❖ Access to Weekly Broadcasts. Broadcasts are held Tuesday Evenings 7- p.m.. Video recordings and associated slide decks will be available for download following each session for your records and to watch at your leisure;
- ❖ Weekly Strategy Asset Alerts;
- ❖ Access to Riverside's private social media pages;
- ❖ Detailed weekly Technical Analysis of Strategy assets;

**Standard Membership Annual Membership = \$550**  
**Standard Membership Quarterly Membership = \$165**

**The first 60 members pay no tax for the first year**



# RIVERSIDE'S PREMIUM MARKET BREADTH MEMBERSHIP

## STAND ALONE PRODUCT OFFERING

### RIVERSIDE'S PREMIUM BREADTH MEMBERSHIP INCLUDES THE FOLLOWING;

- ✓ Market Breadth Metrics include the following;
  - ❖ US Market
    - Major Index's, Sectors and Industry Groups
  - ❖ TSX Markets
    - Major Index's, Sectors
  - ❖ Global Markets (ACWX);
  - ❖ EAFE Markets (EFA);
  - ❖ EEM Markets (EEM);
- ✓ Binary Breadth Metrics (Bullish, Neutral, Bearish Breadth Postures)
- ✓ Breadth Summation Metrics (# of Breadth Index's on a Bullish, Neutral, Bearish Breadth Postures);
- ✓ Breadth Indicator Summary – This summary illustrates the specific posture of all of our breadth indicators including;
  - ❖ Advance Decline Percent Thrust Indicator;
  - ❖ New High – New Low Percent Thrust Indicator;
  - ❖ % Stocks Above the 20-day EMA;
  - ❖ % Stocks Above the 50-day EMA;
  - ❖ % Stocks Above the 200-day EMA;
  - ❖ 20-day New High – New Low Indicator;
  - ❖ 65-day New High – New Low Indicator;
  - ❖ 252-day New High – New Low Indicator;
- ✓ Direct Link to Riverside's Portfolio Shield and MMR Rankings);
- ✓ Monthly Breadth Commentary
  - ❖ Assets that are gaining strength;
  - ❖ Assets that are weakening;
  - ❖ Sector and Industry spotlight
  - ❖ Select Breadth Charts;
  - ❖ Additional Charts available on request
- ✓ Updates include an Market Breadth spreadsheet;
- ✓ Market Breadth updates will be provided at the end of each week;

## LIVE DEMONSTRATION

**Annual Membership = \$300**  
**Quarterly Membership = \$90**

**The first 60 members pay no tax for the first year**



# RIVERSIDE'S SEASONALITY PROFIT EXPLORER (SPE)

## STAND ALONE PRODUCT OFFERING

### RIVERSIDE'S SEASONALITY PROFIT EXPLORER

Currently our Seasonality Profit Explorer (SPE) provides the following monthly metrics for all ticker symbols;

- ❖ Look back periods of 20-year periods;
- ❖ Calculated Monthly returns;
- ❖ Number of Cases (i.e. months);
- ❖ Number of Positive Cases;
- ❖ Percentage of Positive Cases;
- ❖ Average Return (%);
- ❖ Minimum Return (%);
- ❖ Maximum Return;

### PRODUCT OFFERING

Our Seasonality Profit Explorer (SPE) membership includes the following;

- ❖ Updates include an SPE spreadsheet for the S&P 1500, TSX, US and Canadian ETF's for the following month;
- ❖ Seasonality Profit Explorer (SPE) updates will be provided at the end of the 2<sup>nd</sup> week of each month;
- ❖ This provides up to two weeks of advanced notice for the following month (i.e. on June 15<sup>th</sup> the SPE spreadsheets will be provided for the month of July);
- ❖ Stock ticker symbols may be sorted based on sectors and SPE parameters;
- ❖ ETF ticker symbols may be sorted based on sectors and SPE parameters;

## LIVE DEMONSTRATION

**Seasonality Profit Explorer Annual Registration = \$300**  
**Seasonality Profit Explorer Quarterly Registration = \$ 90**

**The first 60 members pay no tax for the first year**



# RIVERSIDE'S ULTIMATE MEMBERSHIP

## PRODUCT OFFERING

**We have been asked....."What if I want everything????"**

For those investors and traders that are looking for our full suite of tools, we have created a product just for you!

Our Ultimate Membership has been created to bundle our various memberships and with a unique added feature. Our Ultimate Membership includes the following;

- ❖ Standard Membership;
- ❖ Premium Market Breadth Membership;
- ❖ Seasonality Profit Explorer Membership;
- ❖ and.....
- ❖ Our flagship tool.....our **Ultimate Heat Map**.

### LIVE DEMONSTRATION

**Seasonality Profit Explorer Annual Registration = \$750**  
**Seasonality Profit Explorer Quarterly Registration = \$ 225**

**The first 60 members pay no tax for the first year**





<https://towardsdatascience.com/how-to-create-your-own-question-answering-system-easily-with-python-2ef8abc8eb5>

## QUESTION AND ANSWER PERIOD

- ❖ QUESTIONS RECEIVED TO DATE
- ❖ ADDITIONAL QUESTIONS

**THAT'S IT FOR TODAY!**



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## **RIVERSIDE ANALYTICS INC**

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