# UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

# FORM N-Q

# QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-21455

Guggenheim Enhanced Equity Strategy Fund (Exact name of registrant as specified in charter)

227 W. Monroe Street, Chicago, IL 60606

(Address of principal executive offices) (Zip code)

Amy J. Lee

227 W. Monroe Street, Chicago, IL 60606 (Name and address of agent for service)

Registrant's telephone number, including area code: (312) 827-0100

Date of fiscal year end: October 31

Date of reporting period: May 1, 2016 - July 31, 2016

# Guggenheim Enhanced Equity Strategy Fund SCHEDULE OF INVESTMENTS (Unaudited)

EXCHANGE-TRADED FUNDS' - 148.9%     274.019     \$ 59.03,225       SPDR S&P 500 FTF Trust'2     274.019     \$ 59.03,225       IShares S&P 500 Value ETF'     221,717     221,815,983       IShares S&P 500 Unlex ETF'2     126,551     14,554,413       IShares S&P 500 Unlex ETF'2     120,195     14,554,413       IShares S&P 500 Unlex ETF'2     120,195     14,554,413       IShares S&P 500 Unlex ETF'2     120,195     14,554,413       Ital Exchange-Traded Funds     120,195     14,554,413       (Cost \$130,923,439)     Face     Amount     Value       SHORT TERM INVESTMENTS' - 2.0%     133,601,243     1,820,668     1,820,668       Total Short Term Investments     1,820,668     1,820,668     1,820,668       Total Investments - 150.9%     1,820,668     1,820,668     1,820,668       Cost \$1,32,744,107)     \$ 135,421,911     \$ 135,421,911     \$ 135,421,911       OPTIONS WRITTEN' - (1,4)%     Contract (100 shares per contract)     \$ 135,421,911       Call options on:     \$ 1,420,603     1,224,970       Call options on:     \$ 1,426,413     \$ 1,424,413       Contra		Shares		Value
IShares S&P 500 Growth ETF <sup>1</sup> 195,277     23.815,983       IShares S&P 500 Value ETF <sup>1</sup> 21,717     21,145,150       PowerShares QQQ Truts Series 1 <sup>1,2</sup> 126,551     14,552,472       IShares Russell 2000 Index ETF <sup>1,2</sup> 120,195     14,552,473       Total Exchange-Traded Funds     120,195     14,554,413       (Cost \$130,923,439)     Face     Amount     Value       SHORT TERM INVESTMENTS <sup>1</sup> - 2.0%     Face     1,820,668     1,820,668       Dreytus Treasury Prime Cash Management Institutional Shares 0.17% <sup>3</sup> \$ 1,820,668     1,820,668     1,820,668       Total Short Term Investments     135,421,911     Contract (100 shares per contract)     \$ 135,421,911       OPTIONS WRITTEN' - (1.4%     5     135,421,911     Value       Call options on:     S&P 500 Index Expiring August 2016 with strike price of \$2,170.00'     134     \$ (276,040)       NASDAQ 100 Index Expiring August 2016 with strike price of \$4,700.00'     239     (528,190)       Total Call Options Written     (1,223,970)     (1,223,970)       Total Call Options Written     (1,223,970)     (1,223,970)	EXCHANGE-TRADED FUNDS <sup>†</sup> - 148.9%	0.10.00		
iShares S&P 500 Value ETF <sup>1</sup> 221,717     21,145,150       PowerShares QQQ Trust Series 1 <sup>1,2</sup> 126,551     14,552,472       iShares Russell 2000 Index ETF <sup>1-2</sup> 120,195     14,554,413       Total Exchange-Traded Funds     133,601,243     133,601,243       (Cost \$130,923,439)     Face     Amount     Value       SHORT TERM INVESTMENTS <sup>1</sup> - 2.0%     Face     1,820,668     1,820,668       Dreyfus Treasury Prime Cash Management Institutional Shares 0.17% <sup>3</sup> \$ 1,820,668     1,820,668       Total Short Term Investments     (Cost \$1,820,668)     1,820,668     1,820,668       Total Investments - 150.9%     (Cost \$1,32,744,107)     \$ 135,421,911     100 shares per contract     Value       OPTIONS WRITTEN' - (1.4)%     Call options on:     \$ 127,000'     134     \$ (276,040)       S&P 500 Index Expiring August 2016 with strike price of \$2,170.00'     134     \$ (276,040)     (149,740)       Russell 2000 Index Expiring August 2016 with strike price of \$1,210.00'     239     (528,197,00)     (142,397,00)       Total Options Written     (1,223,970)     134     \$ (276,040)     (149,740)       Russell 2000 Index Expiring August 2016 with	SPDR S&P 500 ETF Trust <sup>1,2</sup>	274,019	\$	59,503,225
PowerShares QQQ Trust Series 1 <sup>12</sup> 126,551     14,582,472       iShares Russell 2000 Index ETF <sup>12</sup> 120,195     14,554,413       Total Exchange-Traded Funds     133,601,243       (Cost \$130,923,439)     Face     Amount       SHORT TERM INVESTMENTS' - 2.0%     132,0068     1,820,668       Dreyfus Treasury Prime Cash Management Institutional Shares 0.17% <sup>3</sup> \$ 1,820,668     1,820,668       Total Short Term Investments     1     (Cost \$132,744,107)     \$ 135,421,911       (Cost \$132,744,107)     \$ 135,421,911     \$ 135,421,911     \$ 135,421,911       OPTIONS WRITTEN' - (1.4)%     Contract     (100 shares per contract)     \$ 136,421,911       SR 500 Index Expiring August 2016 with strike price of \$2,170,00'     134     \$ (276,040)       NASDAQ 100 Index Expiring August 2016 with strike price of \$4,700,00'     62     (419,740)       Russell 2000 Index Expiring August 2016 with strike price of \$4,700,00'     62     (419,740)       Total Call Options on:     (1,223,970)     (1,223,970)       SR 500 Index Expiring August 2016 with strike price of \$4,700,00'     62     (419,740)       Russell 2000 Index Expiring August 2016 with strike price of \$4,700,00'     62     (		,	Ť	, ,
iShares Russell 2000 Index ETF <sup>1,2</sup> 120,195   14,554,413     Total Exchange-Traded Funds   133,601,243     (Cost \$130,923,439)   Face   133,601,243     SHORT TERM INVESTMENTS' - 2.0%   Face   1,820,668     Dreyfus Treasury Prime Cash Management Institutional Shares 0.17% <sup>3</sup> \$ 1,820,668   1,820,668     Total Investments   (Cost \$1,32,744,107)   \$ 1,820,668   1,820,668     OPTIONS WRITTEN' - (1.4)%   Contract   \$ 135,421,911   \$ 135,421,911     Call options on:   \$ 135,421,00'   \$ 135,421,911   \$ 135,421,911     S&P 500 Index Expiring August 2016 with strike price of \$2,170.00'   134   \$ (276,040)   \$ (276,040)     NASDAQ 100 Index Expiring August 2016 with strike price of \$1,210.00'   62   (419,740)   \$ (281,900)     Total Call Options   (1,223,970)   \$ (1,223,970)   \$ (1,223,970)   \$ (1,223,970)     Total Options Written   (Premiums received \$1,094,190)   \$ (1,223,970)   \$ (1,223,970)	iShares S&P 500 Value ETF <sup>1</sup>	221,717		21,145,150
Total Exchange-Traded Funds     133,601,243       (Cost \$130,923,439)     Face Amount     133,601,243       SHORT TERM INVESTMENTS* - 2.0%     1,820,668     1,820,668       Dreytus Treasury Prime Cash Management Institutional Shares 0.17% <sup>3</sup> \$ 1,820,668     1,820,668       Total Short Term Investments (Cost \$1,820,668)     1,820,668     1,820,668       Total Investments - 150.9% (Cost \$132,744,107)     \$ 135,421,911     \$ 135,421,911       OPTIONS WRITTEN* - (1.4)%     \$ 135,421,911     \$ 135,421,911       Call options on:     \$ 135,421,911     \$ 135,421,911       S&P 500 Index Expiring August 2016 with strike price of \$2,170.00'     134     \$ (276,040)       NASDAQ 100 Index Expiring August 2016 with strike price of \$1,210.00'     239     (528,190)       Total Call Options     (1,223,970)     (1,223,970)     (1,223,970)       Total Call Options Written (Premiums received \$1,094,190)     (1,223,970)     (1,223,970)       Other Assets & Liabilities, net - (49.5)%     (44,457,100)     (44,457,100)	PowerShares QQQ Trust Series 1 <sup>1,2</sup>	126,551		14,582,472
(Cost \$130,923,439)     133,601,243       Face Amount     Value       SHORT TERM INVESTMENTS' - 2.0%     Value       Dreyfus Treasury Prime Cash Management Institutional Shares 0.17%3     \$ 1,820,668     1,820,668       Total Short Term Investments (Cost \$1,820,668)     1,820,668     1,820,668       Total Investments - 150.9%     133,401,243     1,820,668       (Cost \$132,744,107)     \$ 1,820,668     1,820,668       OPTIONS WRITTEN' - (1.4)%     Contract (100 shares per contract)     Value       OPTIONS WRITTEN' - (1.4)%     Call options on: S&P 500 Index Expiring August 2016 with strike price of \$2,170.00'     134     \$ (276,040)       NASDAQ 100 Index Expiring August 2016 with strike price of \$4,700.00'     134     \$ (276,040)       Nassell 2000 Index Expiring August 2016 with strike price of \$4,700.00'     134     \$ (276,040)       Nassell 2000 Index Expiring August 2016 with strike price of \$4,700.00'     134     \$ (276,040)       Total Options     (1,223,970)     (1,223,970)       Total Call Options     (1,223,970)     (1,223,970)       Total Call Options Written (Premiums received \$1,094,190)     (1,223,970)       Other Assets & Liabilities, net - (49.5)%     (44,457,100) <td>iShares Russell 2000 Index ETF<sup>1,2</sup></td> <td>120,195</td> <td></td> <td>14,554,413</td>	iShares Russell 2000 Index ETF <sup>1,2</sup>	120,195		14,554,413
Face Amount     Face Amount     Value       SHORT TERM INVESTMENTS' - 2.0%     Value       Dreyfus Treasury Prime Cash Management Institutional Shares 0.17% <sup>3</sup> \$ 1,820,668     1,820,668       Total Short Term Investments (Cost \$1,820,668)     1,820,668     1,820,668       Total Investments - 150.9%     1,820,668     1,820,668       (Cost \$1,32,744,107)     \$ 135,421,911     1,820,668       OPTIONS WRITTEN' - (1.4)%     Contract (100 shares per contract)     \$ 135,421,911       Call options on:     S&P 500 Index Expiring August 2016 with strike price of \$2,170.00'     134     \$ (276,040)       NASDAQ 100 Index Expiring August 2016 with strike price of \$4,700.00'     134     \$ (276,040)       Russell 2000 Index Expiring August 2016 with strike price of \$4,700.00'     239     (528,190)       Total Call Options     (1,223,970)     (1,223,970)     (1,223,970)       Total Call Options Written (Premiums received \$1,094,190)     (1,223,970)     (1,223,970)       Other Assets & Liabilities, net - (49.5)%     (44,457,100)     (44,457,100)	Total Exchange-Traded Funds			
Face Amount     Face Amount     Value       SHORT TERM INVESTMENTS' - 2.0%     Value       Dreyfus Treasury Prime Cash Management Institutional Shares 0.17% <sup>3</sup> \$ 1,820,668     1,820,668       Total Short Term Investments (Cost \$1,820,668)     1,820,668     1,820,668       Total Investments - 150.9% (Cost \$1,32,744,107)     \$ 135,421,911     1,820,668       OPTIONS WRITTEN' - (1.4)%     \$ 135,421,911     \$ 135,421,911       Call options on:     \$ 134     \$ (276,040)       S&P 500 Index Expiring August 2016 with strike price of \$4,700.00'     134     \$ (276,040)       NASDAQ 100 Index Expiring August 2016 with strike price of \$4,700.00'     239     (528,190)       Total Call Options     \$ (1,223,970)     \$ (1,223,970)       Total Call Options Written (Premiums received \$1,094,190)     \$ (1,223,970)     \$ (1,223,970)	(Cost \$130,923,439)			133,601,243
SHORT TERM INVESTMENTS* - 2.0%   S   1,820,668     Dreyfus Treasury Prime Cash Management Institutional Shares 0.17% <sup>3</sup> \$   1,820,668     Total Short Term Investments   (Cost \$1,820,668)   1,820,668     Total Investments - 150.9%   (Cost \$132,744,107)   \$   1,820,668     (Cost \$132,744,107)   Contract (100 shares per contract)   Value     OPTIONS WRITTEN* - (1.4)%   Contract   (100 shares per contract)   Value     Call options on:   \$   (276,040)   134   \$   (276,040)     NASDAQ 100 Index Expiring August 2016 with strike price of \$2,170.00'   134   \$   (276,040)     Nassell 2000 Index Expiring August 2016 with strike price of \$4,700.00'   62   (419,740)     Russell 2000 Index Expiring August 2016 with strike price of \$1,210.00'   239   (528,190)     Total Call Options   (1,223,970)   (1,223,970)     Total Options Written   (1,223,970)   (1,223,970)     (Premiums received \$1,094,190)   (1,223,970)   (1,223,970)     Other Assets & Liabilities, net - (49.5)%   (44,457,100)   (44,457,100)		Face		, ,
Dreyfus Treasury Prime Cash Management Institutional Shares 0.17% <sup>3</sup> \$ 1,820,668     1,820,668       Total Short Term Investments (Cost \$1,820,668)     1,820,668     1,820,668       Total Investments - 150.9% (Cost \$132,744,107)     \$ 135,421,911       Contract (100 shares per contract)     \$ 135,421,911       OPTIONS WRITTEN* - (1.4)% Call options on: S&P 500 Index Expiring August 2016 with strike price of \$2,170.00'     134     \$ (276,040)       NASDAQ 100 Index Expiring August 2016 with strike price of \$4,700.00'     62     (419,740)       Russell 2000 Index Expiring August 2016 with strike price of \$1,210.00'     239     (528,190)       Total Options Written (Premiums received \$1,094,190)     (1,223,970)     (1,223,970)       Other Assets & Liabilities, net - (49.5)%     (44,457,100)		Amount		Value
Displace reasing in the estimate of the optimized o	SHORT TERM INVESTMENTS <sup>1</sup> - 2.0%			
Total Short Term Investments     I 1,820,668       Total Investments - 150.9%     1,820,668       (Cost \$1,32,744,107)     \$ 135,421,911       Contract (100 shares per contract)     Value       OPTIONS WRITTEN* - (1.4)%     Value       Call options on:     S&P 500 Index Expiring August 2016 with strike price of \$2,170.00'     134     \$ (276,040)       NASDAQ 100 Index Expiring August 2016 with strike price of \$4,700.00'     62     (419,740)       Russell 2000 Index Expiring August 2016 with strike price of \$1,210.00'     239     (528,190)       Total Options     (1,223,970)     (1,223,970)       Total Options Written     (1,223,970)     (1,223,970)       (Premiums received \$1,094,190)     (1,223,970)     (1,223,970)       Other Assets & Liabilities, net - (49.5)%     (44,457,100)     (1,223,970)	Drevfus Treasury Prime Cash Management Institutional Shares 0.17% <sup>3</sup>	\$ 1,820,668		1,820,668
Total Investments - 150.9% (Cost \$132,744,107)     \$ 135,421,911       Contract (100 shares per contract)     \$ 135,421,911       OPTIONS WRITTEN* - (1.4)% Call options on: S&P 500 Index Expiring August 2016 with strike price of \$2,170.00'     \$ 134     \$ (276,040)       NASDAQ 100 Index Expiring August 2016 with strike price of \$4,700.00'     \$ 239     (258,190)       Total Call Options (Premiums received \$1,094,190)     \$ (1,223,970)     \$ (1,223,970)       Other Assets & Liabilities, net - (49.5)%     \$ (44,457,100)     \$ (44,457,100)				
(Cost \$132,744,107)     § 135,421,911       Contract (100 shares per contract)     (100 shares per contract)     Value       OPTIONS WRITTEN' - (1.4)%     Value     Value       Call options on:     S&P 500 Index Expiring August 2016 with strike price of \$2,170.00'     134     \$ (276,040)       NASDAQ 100 Index Expiring August 2016 with strike price of \$4,700.00'     62     (419,740)       Russell 2000 Index Expiring August 2016 with strike price of \$1,210.00'     239     (528,190)       Total Call Options     (1,223,970)     (1,223,970)       Total Options Written     (1,223,970)     (1,223,970)       Other Assets & Liabilities, net - (49.5)%     (44,457,100)     (44,457,100)	(Cost \$1,820,668)			1,820,668
Contract (100 shares per contract)     Value       OPTIONS WRITTEN' - (1.4)%     Value       Call options on:     S&P 500 Index Expiring August 2016 with strike price of \$2,170.00'     134     \$ (276,040)       NASDAQ 100 Index Expiring August 2016 with strike price of \$4,700.00'     62     (419,740)       Russell 2000 Index Expiring August 2016 with strike price of \$1,210.00'     239     (528,190)       Total Call Options     (1,223,970)     (1,223,970)       Total Options Written     (1,223,970)     (1,223,970)       Other Assets & Liabilities, net - (49.5)%     (44,457,100)     (1,223,970)	Total Investments - 150.9%			
(100 shares per contract)     Value       OPTIONS WRITTEN* - (1.4)%     -       Call options on:     -       S&P 500 Index Expiring August 2016 with strike price of \$2,170.00°     134     \$ (276,040)       NASDAQ 100 Index Expiring August 2016 with strike price of \$4,700.00°     62     (419,740)       Russell 2000 Index Expiring August 2016 with strike price of \$1,210.00°     239     (528,190)       Total Call Options     (1,223,970)     (1,223,970)       Total Options Written (Premiums received \$1,094,190)     (1,223,970)     (1,223,970)       Other Assets & Liabilities, net - (49.5)%     (44,457,100)     (144,457,100)	(Cost \$132,744,107)		\$	135,421,911
per contract)     Value       OPTIONS WRITTEN* - (1.4)%     -       Call options on:     -       S&P 500 Index Expiring August 2016 with strike price of \$2,170.00°     134     \$ (276,040)       NASDAQ 100 Index Expiring August 2016 with strike price of \$4,700.00°     62     (419,740)       Russell 2000 Index Expiring August 2016 with strike price of \$1,210.00°     239     (528,190)       Total Call Options     (1,223,970)     (1,223,970)       Total Options Written     (1,223,970)     (1,223,970)       Other Assets & Liabilities, net - (49.5)%     (44,457,100)     (44,457,100)		Contract	<u>+</u>	
per contract)     Value       OPTIONS WRITTEN* - (1.4)%     -       Call options on:     -       S&P 500 Index Expiring August 2016 with strike price of \$2,170.00°     134     \$ (276,040)       NASDAQ 100 Index Expiring August 2016 with strike price of \$4,700.00°     62     (419,740)       Russell 2000 Index Expiring August 2016 with strike price of \$1,210.00°     239     (528,190)       Total Call Options     (1,223,970)     (1,223,970)       Other Assets & Liabilities, net - (49.5)%     (1,223,970)     (1,44,457,100)		(100 shares		
Call options on:   S&P 500 Index Expiring August 2016 with strike price of \$2,170.00°   134   \$ (276,040)     NASDAQ 100 Index Expiring August 2016 with strike price of \$4,700.00°   62   (419,740)     Russell 2000 Index Expiring August 2016 with strike price of \$1,210.00°   239   (528,190)     Total Call Options   (1,223,970)   (1,223,970)     Total Options Written   (1,223,970)   (1,223,970)     Other Assets & Liabilities, net - (49.5)%   (44,457,100)   (44,457,100)		•		Value
S&P 500 Index Expiring August 2016 with strike price of \$2,170.00'     134     \$ (276,040)       NASDAQ 100 Index Expiring August 2016 with strike price of \$4,700.00'     62     (419,740)       Russell 2000 Index Expiring August 2016 with strike price of \$1,210.00'     239     (528,190)       Total Call Options     (1,223,970)     (1,223,970)       Total Options Written     (1,223,970)     (1,223,970)       Other Assets & Liabilities, net - (49.5)%     (44,457,100)     (1,223,970)	OPTIONS WRITTEN <sup>†</sup> - (1.4)%	. ,		
NASDAQ 100 Index Expiring August 2016 with strike price of \$4,700.00'   62   (419,740)     Russell 2000 Index Expiring August 2016 with strike price of \$1,210.00'   239   (528,190)     Total Call Options   (1,223,970)   (1,223,970)     Total Options Written (Premiums received \$1,094,190)   (1,223,970)   (1,223,970)     Other Assets & Liabilities, net - (49.5)%   (44,457,100)   (44,457,100)	Call options on:			
NASDAQ 100 Index Expiring August 2016 with strike price of \$4,700.00'     62     (419,740)       Russell 2000 Index Expiring August 2016 with strike price of \$1,210.00'     239     (528,190)       Total Call Options     (1,223,970)     (1,223,970)       Total Options Written     (1,223,970)     (1,223,970)       Other Assets & Liabilities, net - (49.5)%     (44,457,100)     (44,457,100)	S&P 500 Index Expiring August 2016 with strike price of \$2,170.00	134	\$	(276,040)
Total Call Options     (1,223,970)       Total Options Written (Premiums received \$1,094,190)     (1,223,970)       Other Assets & Liabilities, net - (49.5)%     (44,457,100)		62		(419,740)
Total Options Written (Premiums received \$1,094,190)     (1,223,970)       Other Assets & Liabilities, net - (49.5)%     (44,457,100)	Russell 2000 Index Expiring August 2016 with strike price of \$1,210.00*	239		(528,190)
(Premiums received \$1,094,190)     (1,223,970)       Other Assets & Liabilities, net - (49.5)%     (44,457,100)	Total Call Options			(1,223,970)
Other Assets & Liabilities, net - (49.5)% (44,457,100)	Total Options Written			· · ·
	(Premiums received \$1,094,190)			(1,223,970)
	Other Assets & Liabilities, net - (49.5)%			(44,457,100)
	Total Net Assets - 100.0%		\$	89,740,841

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Non-income producing security. Value determined based on Level 1 inputs — See Note 2. All or a portion of these securities have been physically segregated in connection with borrowings outstanding. As of July 31, 2016, the total value of securities segregated was \$133,601,243. Security represents cover for outstanding written options. Rate indicated is the 7-day yield as of July 31, 2016.

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S&P Standard & Poor's.

The following table summarizes the inputs used to value the Fund's investments at July 31, 2016 (See Note 2 in the Notes to Schedule of Investments):

	Level 1 Quoted Prices	Level 2 Significant Observable Inputs	Level 3 Significant Unobserva ble Inputs	Total
Assets				
Exchange-Traded Funds	\$ 133,601,243	\$ — \$	— \$	133,601,243
Short Term Investments	1,820,668	<u> </u>	_ `	1,820,668
Total Assets	\$ 135,421,911	\$ — \$	— \$	135,421,911
Liabilities				
Options Written	\$ 1,223,970	\$ — \$	— \$	1,223,970
Total Liabilities	\$ 1,223,970	\$ — \$	— \$	1,223,970

Transfers between investment levels may occur as the markets fluctuate and/or the availability of data used in an investment's valuation changes. Transfers between valuation levels, if any, are in comparison to the valuation levels at the end of the previous fiscal year, and are effective using the fair value as of the end of the current fiscal period.

For the period ended July 31, 2016, there were no transfers between levels.

For information on the Guggenheim Enhanced Equity Strategy Fund's (the "Fund") policy regarding valuation of investments and other significant accounting policies, please refer to the Fund's most recent semiannual or annual shareholder report.

#### 1. Significant Accounting Policies

The Fund operates as an investment company and accordingly follows the investment company accounting and reporting guidance of the Financial Accounting Standards Board ("FASB") Accounting Standards Codification Topic 946 Financial Services – Investment Companies.

The following significant accounting policies are in conformity with U.S. generally accepted accounting principles ("GAAP") and are consistently followed by the Fund. This requires management to make estimates and assumptions that affect the reported amount of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from these estimates. All time references are based on Eastern Time.

The Board of Trustees of the Fund (the "Board") has adopted policies and procedures for the valuation of the Fund's investments (the "Valuation Procedures"). Pursuant to the Valuation Procedures, the Board has delegated to a valuation committee, consisting of representatives from Guggenheim's investment management, fund administration, legal and compliance departments (the "Valuation Committee"), the day-to-day responsibility for implementing the Valuation Procedures, including, under most circumstances, the responsibility for determining the fair value of the Fund's securities or other assets.

Valuations of the Fund's securities are supplied primarily by pricing services appointed pursuant to the processes set forth in the Valuation Procedures. The Valuation Committee convenes monthly, or more frequently as needed and will review the valuation of all assets which have been fair valued for reasonableness. The Fund's officers, through the Valuation Committee and consistent with the monitoring and review responsibilities set forth in the Valuation Procedures, regularly review procedures used by, and valuations provided by, the pricing services.

Equity securities listed on an exchange (New York Stock Exchange ("NYSE") or American Stock Exchange) are valued at the last quoted sales price as of the close of business on the NYSE, usually 4:00 p.m. Eastern time on the valuation date. Equity securities listed on the NASDAQ market system are valued at the NASDAQ Official Closing Price on the valuation date, which may not necessarily represent the last sale price. If there has been no sale on such exchange or NASDAQ on such day, the security is valued at the mean between the last available bid and ask prices on such day.

Open-end investment companies ("Mutual Funds") are valued at their NAV as of the close of business on the valuation date. Exchange Traded Funds ("ETFs") and closed-end investment companies are valued at the last quoted sales price.

Exchange-traded options are valued at the mean between the bid and ask prices on the principal exchange on which they are traded.

Short-term debt securities with a maturity of 60 days or less at acquisition and repurchase agreements are valued at amortized cost, provided such amount approximates market value.

Investments for which market quotations are not readily available (including restricted securities) are fair valued as determined in good faith by Guggenheim Funds Investment Advisors, LLC, subject to review by the Valuation Committee, pursuant to methods established or ratified by the Board. Valuations in accordance with these methods are intended to reflect each security's (or asset's) "fair value." Each such determination is based on a consideration of all relevant factors, which are likely to vary from one pricing context to another. Examples of such factors may include, but are not limited to: (i) the type of security, (ii) the initial cost of the security, (iii) the existence of any contractual restrictions on the security's disposition, (iv) the price and extent of public trading in similar securities of the issuer or of comparable companies, (v) quotations or evaluated prices from broker-dealers and/or pricing services, (vi) information obtained from the issuer, analysts, and/or the appropriate stock exchange (for exchange traded securities), (vii) an analysis of the company's financial statements, and (viii) of the security, public offerings or tender offers that might affect the value of the security).

#### 2. Fair Value Measurement

In accordance with GAAP, fair value is defined as the price that the Fund would receive to sell an investment or pay to transfer a liability in an orderly transaction with an independent buyer in the principal market, or in the absence of a principal market, the most advantageous market for the investment or liability. GAAP establishes a three-tier fair value hierarchy based on the types of inputs used to value assets and liabilities and requires corresponding disclosure. The hierarchy and the corresponding inputs are summarized below:

Level 1 - quoted prices in active markets for identical assets or liabilities.

Level 2 — significant other observable inputs (for example quoted prices for securities that are similar based on characteristics such as interest rates, prepayment speeds, credit risk, etc.).

Level 3 — significant unobservable inputs based on the best information available under the circumstances, to the extent observable inputs are not available, which may include assumptions.

The types of inputs available depend on a variety of factors, such as the type of security and the characteristics of the markets in which it trades, if any. Fair valuation determinations that rely on fewer or no observable inputs require greater judgment. Accordingly, fair value determinations for Level 3 securities require the greatest amount of judgment. There are no fair valued securities as of July 31, 2016.

Independent pricing services are used to value a majority of the Fund's investments. When values are not available from a pricing service, they will be determined under the valuation policies that have been reviewed and approved by the Board. In any event, values are determined using a variety of sources and techniques, including: market prices; broker quotes; and models which derive prices based on inputs such as prices of securities with comparable maturities and characteristics or based on inputs such as anticipated cash flows or collateral, spread over Treasuries, and other information and analysis.

The inputs or methodologies used for valuing securities are not necessarily an indication of the risk associated with investing in those securities. The suitability of the techniques and sources employed to determine fair valuation are regularly monitored and subject to change.

#### 3. Federal Income Taxes

As of July 31, 2016, the cost of investments and accumulated unrealized appreciation/depreciation on investments for federal income tax purposes were as follows:

				Net Tax
Cost of	Gross Tax	Gross Tax	Net Tax	Unrealized
Investments for	Unrealized	Unrealized	Unrealized	Depreciation on
Tax Purposes	Appreciation	Depreciation	Appreciation	Derivatives
\$132,964,726	\$3,485,155	\$ (1,027,970)	\$2,457,185	\$(129,780)
\$132,904,720	\$5,465,155	\$ (1,027,970)	\$2,457,185	\$(129,700)

## Item 2. Controls and Procedures.

(a)The registrant's principal executive officer and principal financial officer have evaluated the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended) as of a date within 90 days of the filing date of this report and have concluded, based on such evaluation, that the registrant's disclosure controls and procedures were effective, as of that date, in ensuring that information required to be disclosed by the registrant on this Form N-Q was recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms.

(b)There was no change in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the Investment Company Act of 1940, as amended) that occurred during the registrant's last fiscal quarter that has materially affected or is reasonably likely to materially affect the registrant's internal control over financial reporting.

### Item 3. Exhibits.

A separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the Investment Company Act of 1940, as amended (17 CFR 270.30a-2(a)) is attached hereto.

#### SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

# Guggenheim Enhanced Equity Strategy Fund

By: <u>/s/Donald C. Cacciapaglia</u> Donald C. Cacciapaglia President and Chief Executive Officer

## Date: September 28, 2016

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

- By: <u>/s/Donald C. Cacciapaglia</u> Donald C. Cacciapaglia President and Chief Executive Officer
- Date: September 28, 2016
- By: <u>/s/John L. Sullivan</u> John L. Sullivan Chief Financial Officer, Chief Accounting Officer and Treasurer

Date: September 28, 2016

#### **CERTIFICATIONS**

I, Donald C. Cacciapaglia, certify that:

1. I have reviewed this report on Form N-Q of Guggenheim Enhanced Equity Strategy Fund;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the schedule of investments included in this report fairly presents in all material respects the investments of the registrant as of the end of the fiscal quarter for which the report is filed;

4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended) and internal control over financial reporting (as defined in Rule 30a-3(d) under the Investment Company Act of 1940, as amended) for the registrant and have:

(a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

(b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

(c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of a date within 90 days prior to the filing date of this report, based on such evaluation; and

(d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer and I have disclosed to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

(a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize, and report financial information; and

(b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: September 28, 2016

/s/Donald C. Cacciapaglia Donald C. Cacciapaglia President and Chief Executive Officer

## CERTIFICATIONS

## I, John L. Sullivan, certify that:

1. I have reviewed this report on Form N-Q of Guggenheim Enhanced Equity Strategy Fund;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the schedule of investments included in this report fairly presents in all material respects the investments of the registrant as of the end of the fiscal quarter for which the report is filed;

4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended) and internal control over financial reporting (as defined in Rule 30a-3(d) under the Investment Company Act of 1940, as amended) for the registrant and have:

(a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

(b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

(c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of a date within 90 days prior to the filing date of this report, based on such evaluation; and

(d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer and I have disclosed to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

(a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize, and report financial information; and

(b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: September 28, 2016

/s/John L. Sullivan John L. Sullivan Chief Financial Officer, Chief Accounting Officer and Treasurer